

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042721\
 Data File : BM029679.D
 Acq On : 27 Apr 2021 18:27
 Operator : CG/JU
 Sample : M2170-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DN-1

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM029679.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.210	389	395	410	rBV	878586	1269982	32.40%	2.686%
2	6.793	653	664	682	rBV	826934	1329940	33.93%	2.813%
3	7.610	795	803	813	rBV	253475	402312	10.27%	0.851%
4	8.763	992	999	1015	rBV	485049	835798	21.33%	1.768%
5	10.386	1268	1275	1280	rBV	304436	521244	13.30%	1.103%
6	10.439	1280	1284	1292	rVB	85142	142938	3.65%	0.302%
7	12.057	1552	1559	1567	rBV	49455	84190	2.15%	0.178%
8	12.280	1591	1597	1609	rVB	40058	69228	1.77%	0.146%
9	12.875	1690	1698	1710	rBV	1486072	2182305	55.68%	4.616%
10	13.086	1728	1734	1742	rBV	73072	114722	2.93%	0.243%
11	13.574	1812	1817	1822	rBV	35595	65434	1.67%	0.138%
12	13.627	1822	1826	1830	rVV3	26127	39699	1.01%	0.084%
13	13.722	1837	1842	1845	rBV	54231	89906	2.29%	0.190%
14	13.974	1879	1885	1892	rBV	78713	131509	3.36%	0.278%
15	14.169	1913	1918	1923	rBV	111328	146617	3.74%	0.310%
16	14.257	1925	1933	1939	rBV	511654	791172	20.19%	1.673%
17	14.321	1939	1944	1952	rVB	133192	201191	5.13%	0.426%
18	14.657	1990	2001	2009	rBV	114823	241627	6.17%	0.511%
19	14.733	2011	2014	2018	rVV2	29306	41820	1.07%	0.088%
20	14.792	2020	2024	2032	rVB3	40519	64038	1.63%	0.135%
21	15.127	2076	2081	2085	rVB	162708	202001	5.15%	0.427%
22	15.310	2107	2112	2117	rBV	173066	247801	6.32%	0.524%
23	15.533	2143	2150	2158	rBV3	88526	185719	4.74%	0.393%
24	15.604	2158	2162	2171	rVB2	62660	127826	3.26%	0.270%
25	15.680	2171	2175	2180	rBV4	30241	56088	1.43%	0.119%
26	15.751	2181	2187	2195	rBV	1356832	1902550	48.54%	4.024%
27	15.986	2222	2227	2230	rBV	226932	335576	8.56%	0.710%
28	16.545	2319	2322	2326	rBV4	28773	55435	1.41%	0.117%
29	16.580	2326	2328	2332	rVB3	40893	51056	1.30%	0.108%
30	16.662	2338	2342	2349	rVB	69225	109965	2.81%	0.233%
31	16.745	2351	2356	2357	rVV2	48154	77987	1.99%	0.165%
32	16.780	2358	2362	2365	rVV	188615	264587	6.75%	0.560%
33	16.827	2365	2370	2378	rVB2	190594	334530	8.54%	0.708%
34	17.004	2394	2400	2403	rBV	641181	924170	23.58%	1.955%
35	17.045	2403	2407	2414	rVV	1692937	2305068	58.81%	4.876%
36	17.133	2418	2422	2428	rVV	403796	598745	15.28%	1.266%

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Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.198	2429	2433	2438	rVB4	62293	101723	2.60%	0.215%
38	17.315	2450	2453	2458	rVB3	32950	46331	1.18%	0.098%
39	17.380	2460	2464	2465	rVV2	45429	57710	1.47%	0.122%
40	17.410	2465	2469	2480	rVV	132052	290647	7.42%	0.615%
41	17.515	2483	2487	2494	rVV2	201250	274554	7.01%	0.581%
42	17.580	2496	2498	2507	rVB7	37056	69790	1.78%	0.148%
43	17.874	2544	2548	2551	rVV	191386	278403	7.10%	0.589%
44	17.921	2551	2556	2564	rVV2	396192	742334	18.94%	1.570%
45	18.004	2566	2570	2575	rVV	131469	211705	5.40%	0.448%
46	18.068	2576	2581	2585	rVV2	302631	568658	14.51%	1.203%
47	18.109	2585	2588	2594	rVB	154704	217027	5.54%	0.459%
48	18.204	2601	2604	2612	rVB2	149031	214024	5.46%	0.453%
49	18.380	2630	2634	2638	rBV	150508	197763	5.05%	0.418%
50	18.421	2638	2641	2645	rVB	75868	97292	2.48%	0.206%
51	18.627	2674	2676	2680	rVB3	53444	61580	1.57%	0.130%
52	18.680	2681	2685	2688	rVV2	60999	83922	2.14%	0.178%
53	18.721	2689	2692	2696	rVB	58879	67341	1.72%	0.142%
54	18.804	2701	2706	2710	rBV	115878	218494	5.57%	0.462%
55	18.845	2710	2713	2719	rBV4	126618	208991	5.33%	0.442%
56	18.939	2726	2729	2738	rVB2	127877	226170	5.77%	0.478%
57	19.068	2745	2751	2757	rBV	2502566	3309161	84.43%	6.999%
58	19.168	2765	2768	2770	rBV	47315	52998	1.35%	0.112%
59	19.209	2770	2775	2779	rVB2	93148	180139	4.60%	0.381%
60	19.309	2789	2792	2795	rVB	69865	83480	2.13%	0.177%
61	19.427	2808	2812	2821	rVB	2194349	2991824	76.34%	6.328%
62	19.503	2821	2825	2831	rVB2	118759	192690	4.92%	0.408%
63	19.639	2839	2848	2852	rBV	3067023	3919247	100.00%	8.290%
64	19.762	2862	2869	2874	rBV3	150258	391906	10.00%	0.829%
65	19.886	2886	2890	2892	rBV4	100993	159473	4.07%	0.337%
66	19.927	2893	2897	2900	rVB	285647	378710	9.66%	0.801%
67	19.968	2901	2904	2908	rBV4	53126	70108	1.79%	0.148%
68	20.027	2910	2914	2917	rBV	192015	235870	6.02%	0.499%
69	20.080	2918	2923	2928	rVV2	207601	354009	9.03%	0.749%
70	20.221	2945	2947	2950	rVB	101716	105424	2.69%	0.223%
71	20.268	2952	2955	2959	rVB	120910	162477	4.15%	0.344%
72	20.674	3020	3024	3029	rVB	200289	281762	7.19%	0.596%
73	20.874	3055	3058	3061	rBV	182023	189866	4.84%	0.402%
74	20.915	3061	3065	3070	rVV2	421622	615621	15.71%	1.302%
75	20.968	3071	3074	3082	rVB	228032	334793	8.54%	0.708%
76	21.180	3105	3110	3115	rBV3	1689686	3355177	85.61%	7.097%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	21.227	3115	3118	3128	rVB	1197275	1543342	39.38%	3.264%
78	21.345	3135	3138	3143	rBV2	173181	233700	5.96%	0.494%
79	21.780	3209	3212	3218	rVB2	145500	213416	5.45%	0.451%
80	22.727	3367	3373	3377	rBV	1000480	2119784	54.09%	4.484%
81	23.186	3447	3451	3460	rVB	563810	1087324	27.74%	2.300%
82	23.280	3462	3467	3475	rVB	928322	1624303	41.44%	3.436%
83	23.374	3478	3483	3488	rBV2	661796	1192310	30.42%	2.522%
84	25.562	3849	3855	3867	rVB	415730	1119504	28.56%	2.368%

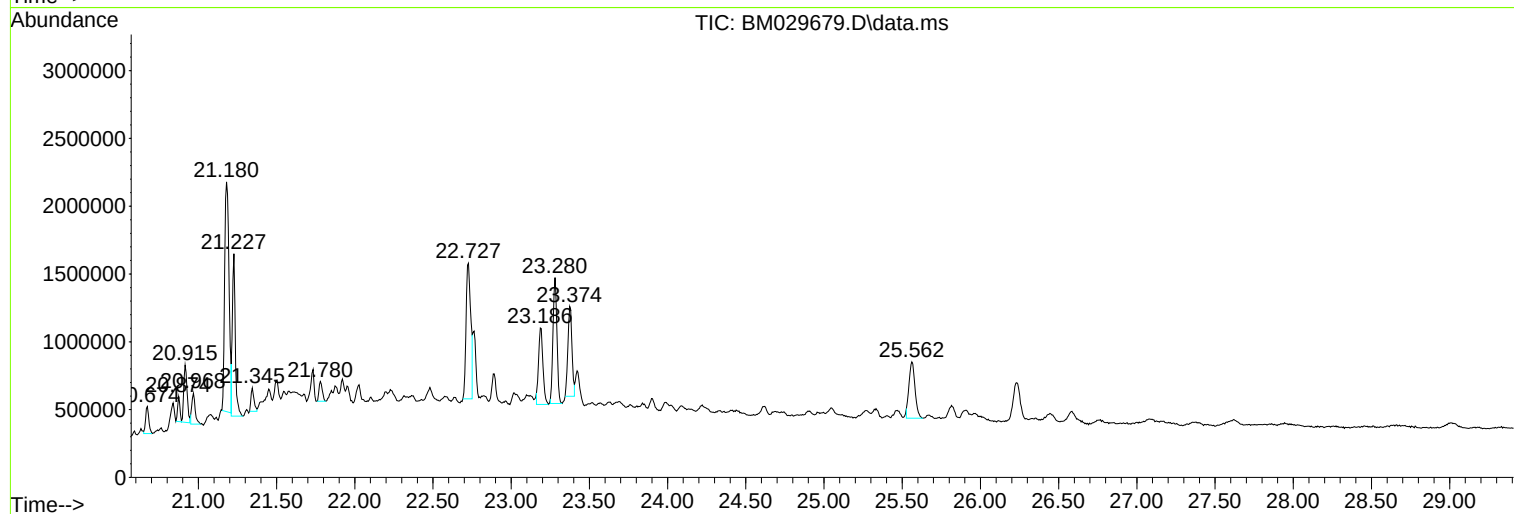
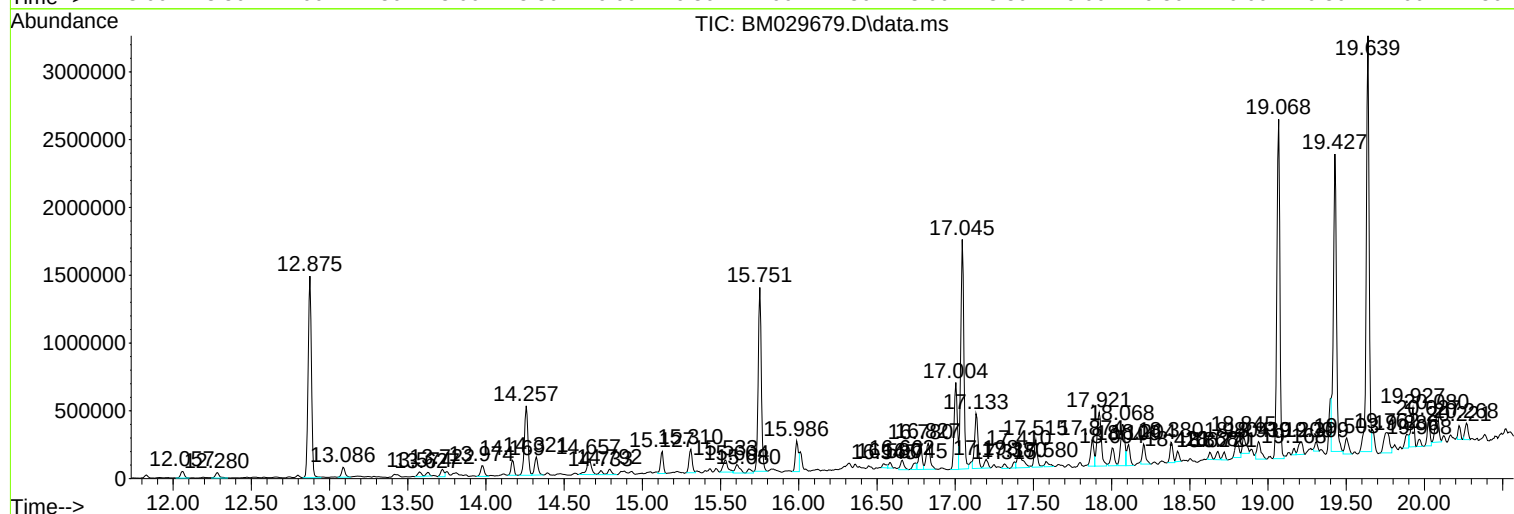
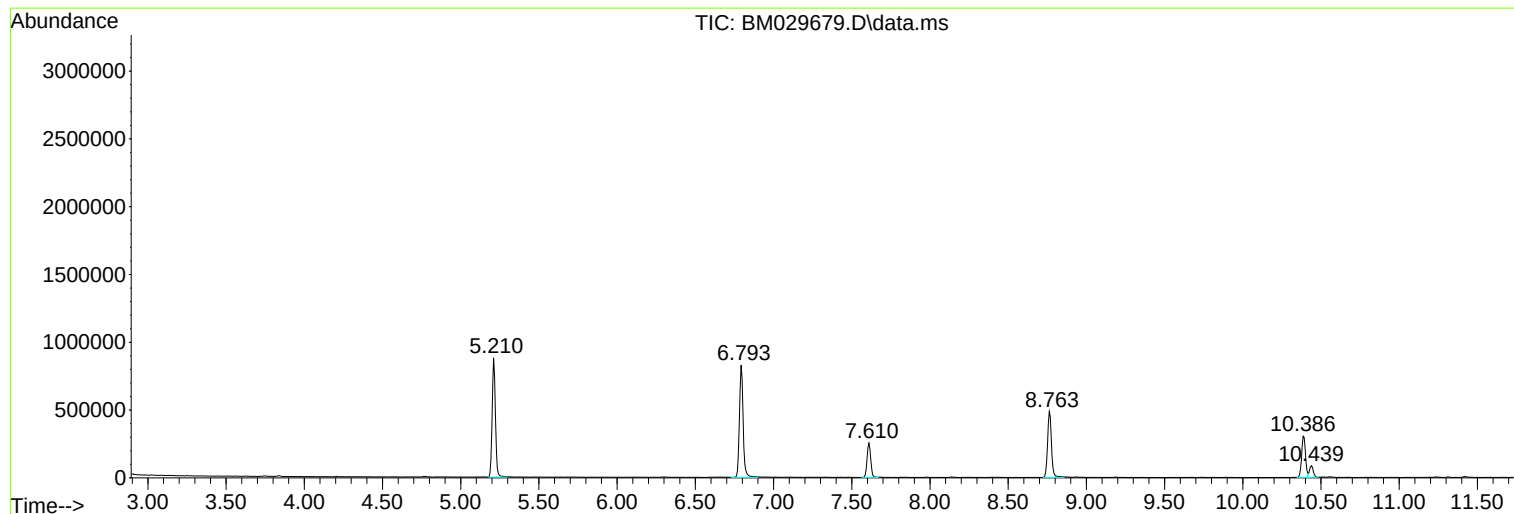
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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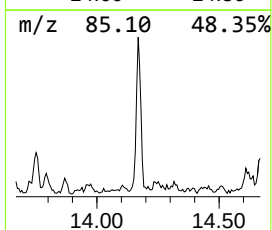
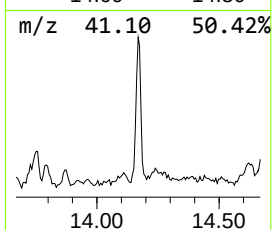
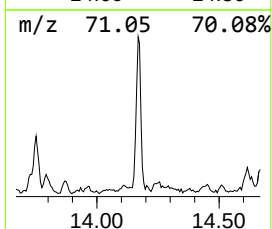
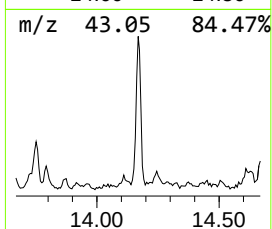
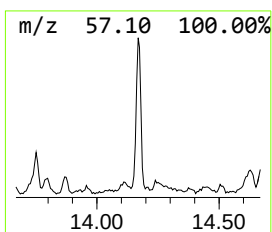
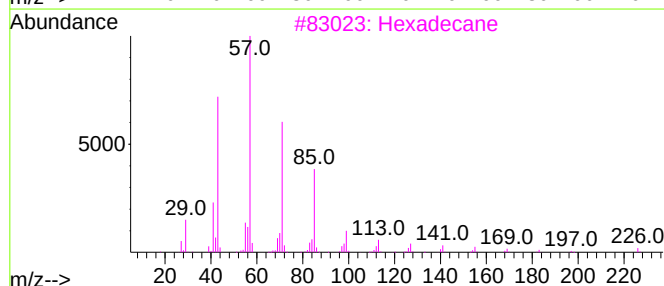
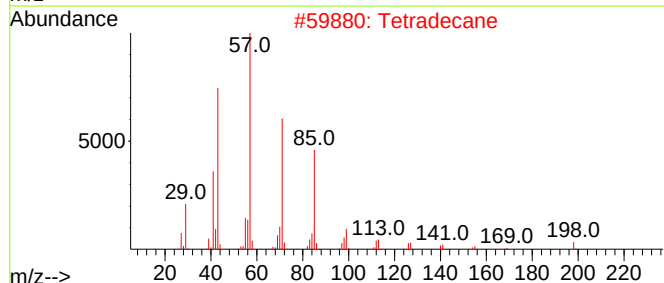
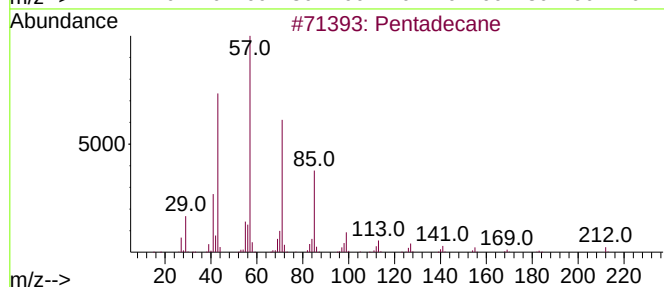
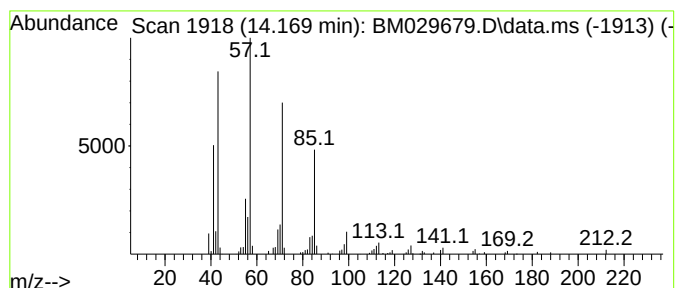
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Pentadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.169	3.71 ng	146617	Acenaphthene-d10	14.257

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	95
2			Tetradecane	198	C14H30	000629-59-4	91
3			Hexadecane	226	C16H34	000544-76-3	90
4			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5			Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	86



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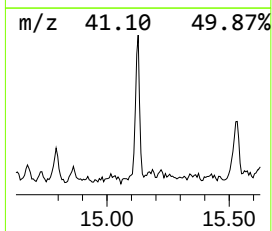
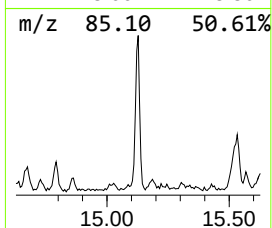
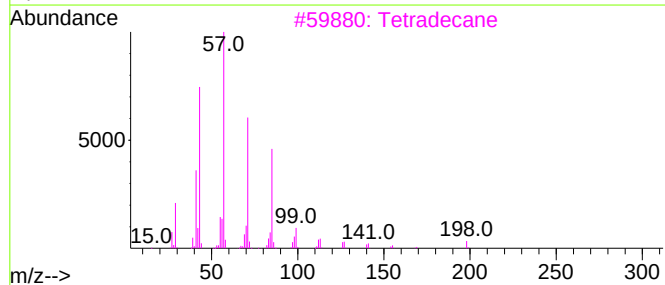
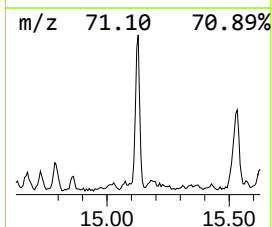
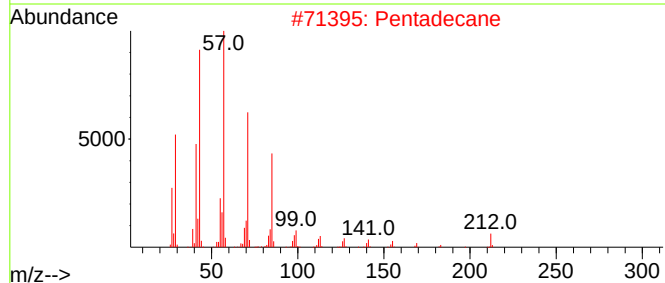
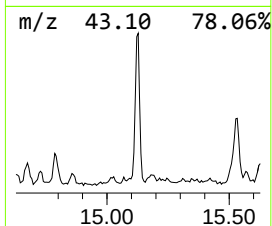
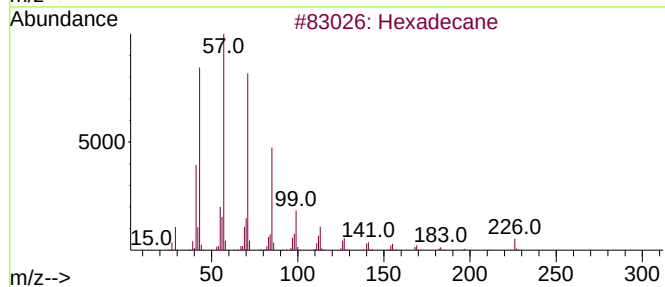
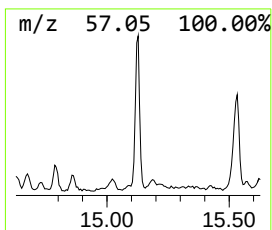
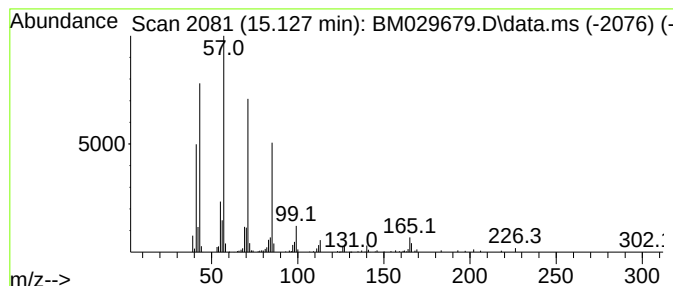
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.127	5.11 ng	202001	Acenaphthene-d10	14.257

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	94
2		Pentadecane	212	C15H32	000629-62-9	87
3		Tetradecane	198	C14H30	000629-59-4	86
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5		Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	80



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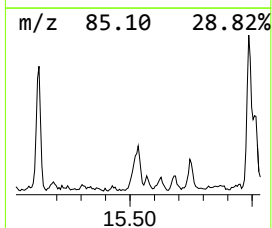
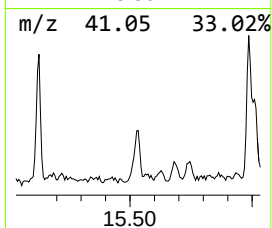
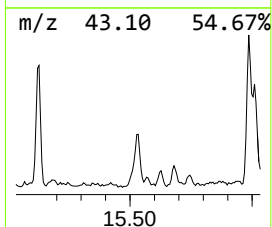
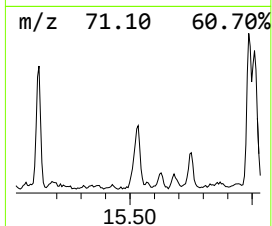
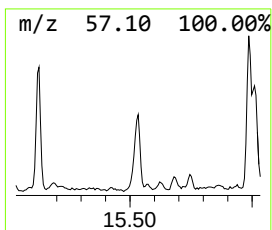
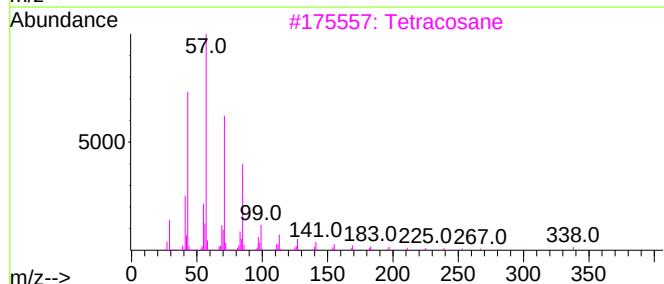
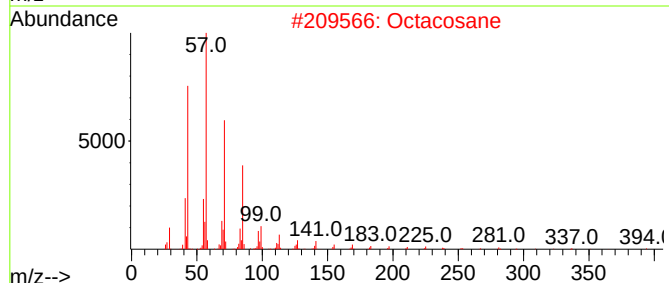
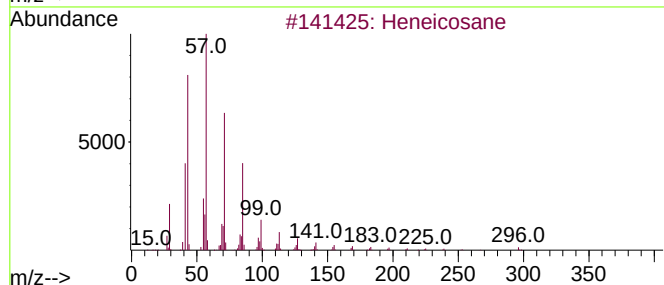
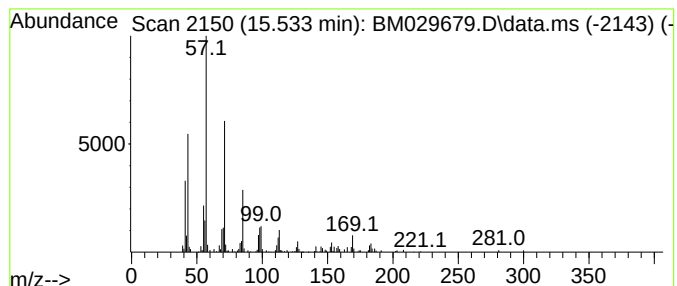
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.533	4.69 ng	185719	Acenaphthene-d10	14.257

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	83
2			Octacosane	394	C28H58	000630-02-4	83
3			Tetracosane	338	C24H50	000646-31-1	80
4			Heptacosane	380	C27H56	000593-49-7	80
5			Nonadecane, 2-methyl-	282	C20H42	001560-86-7	72



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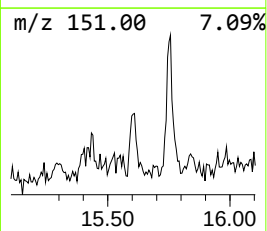
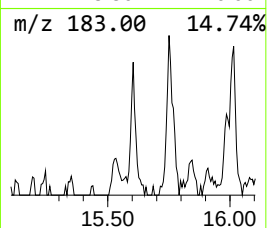
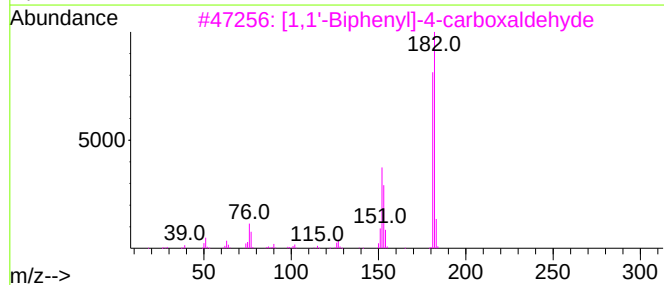
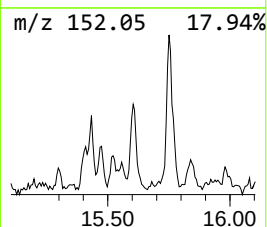
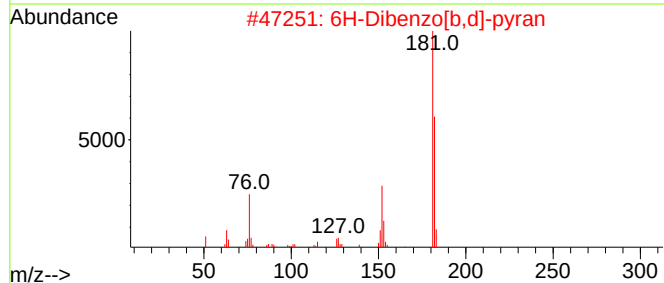
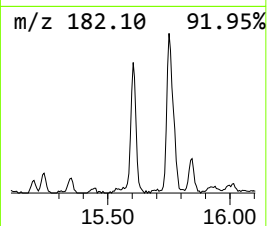
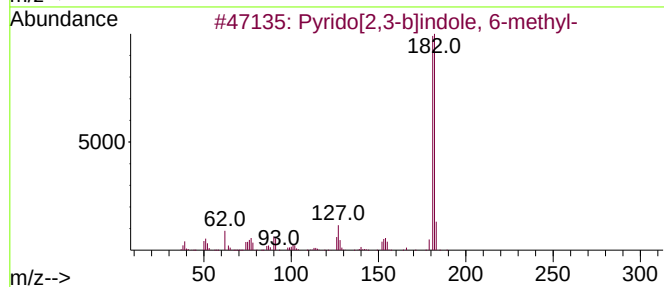
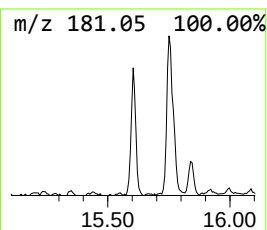
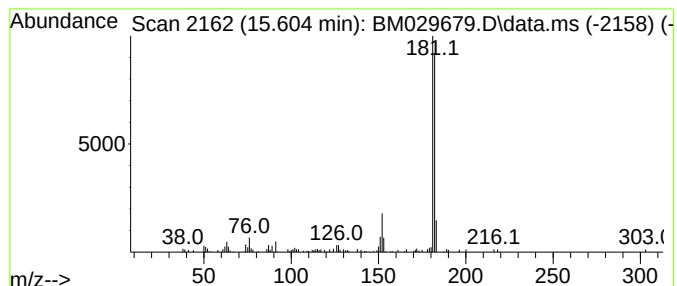
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Pyrido[2,3-b]indole, 6-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.604	3.23 ng	127826	Acenaphthene-d10	14.257

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	86
2			6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	83
3			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	80
4			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	80
5			Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042721\
Data File : BM029679.D
Acq On : 27 Apr 2021 18:27
Operator : CG/JU
Sample : M2170-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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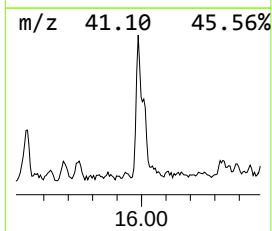
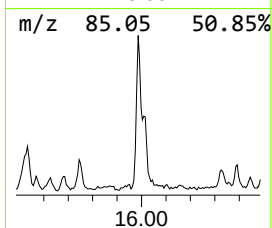
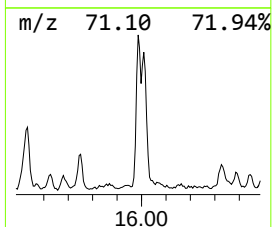
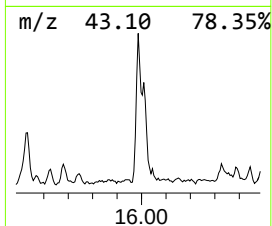
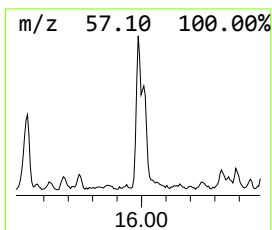
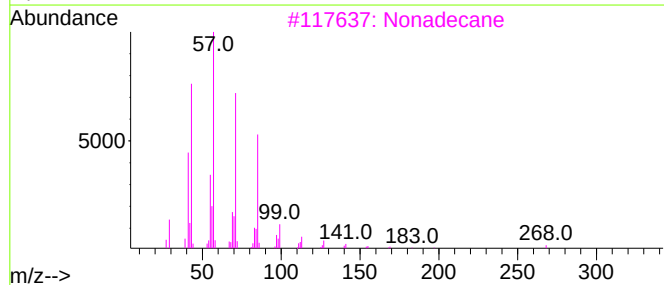
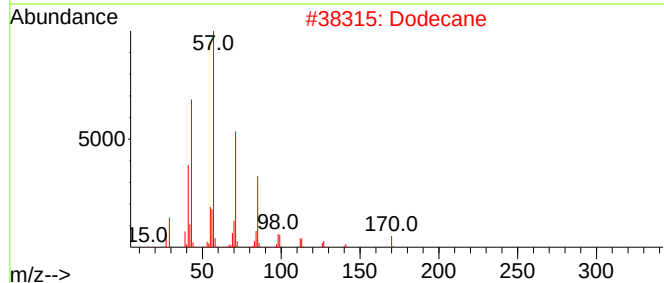
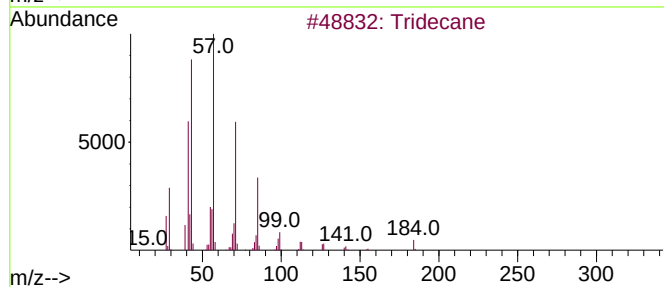
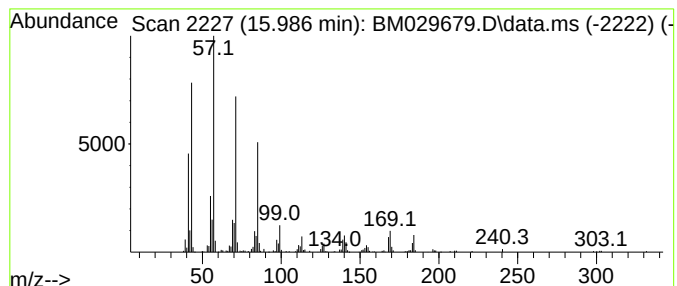
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.986	7.26 ng	335576	Phenanthrene-d10	17.004

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	81
2		Dodecane	170	C12H26	000112-40-3	81
3		Nonadecane	268	C19H40	000629-92-5	81
4		9-methylheptadecane	254	C18H38	026741-18-4	74
5		Heneicosane	296	C21H44	000629-94-7	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042721\
Data File : BM029679.D
Acq On : 27 Apr 2021 18:27
Operator : CG/JU
Sample : M2170-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DN-1

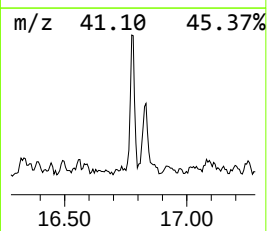
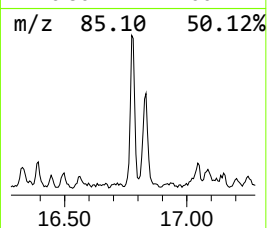
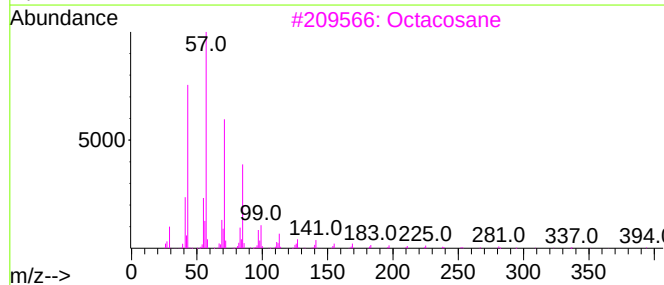
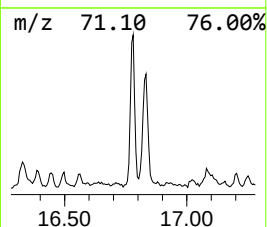
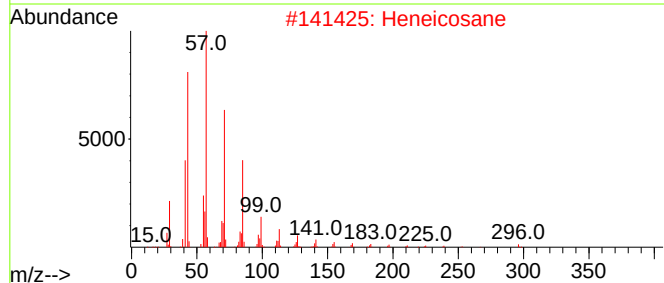
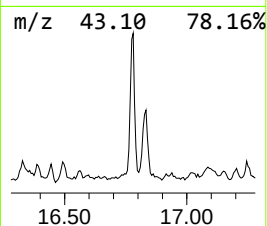
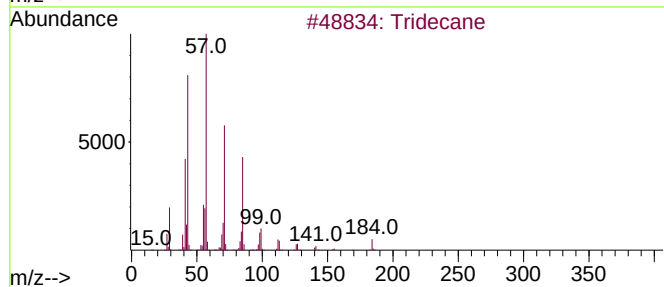
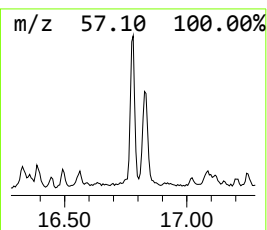
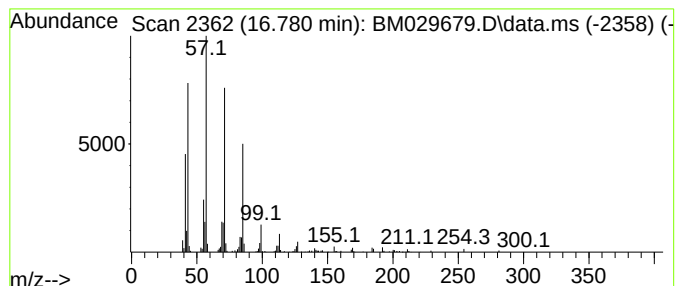
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Octacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.780	5.73 ng	264587	Phenanthrene-d10	17.004

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Pentadecane	212	C15H32	000629-62-9	91
5		Hexadecane	226	C16H34	000544-76-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042721\
Data File : BM029679.D
Acq On : 27 Apr 2021 18:27
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Sample : M2170-09
Misc :
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Instrument :
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ClientSampleId :
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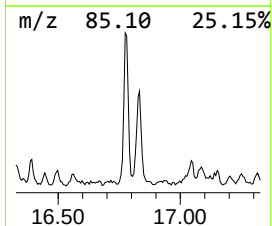
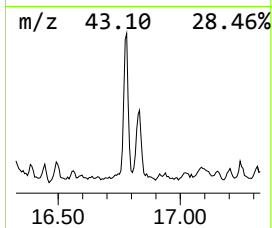
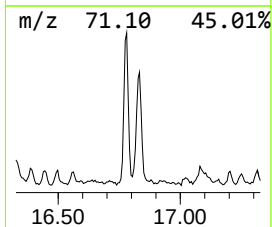
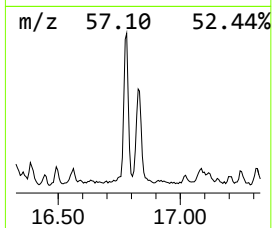
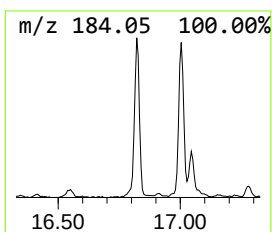
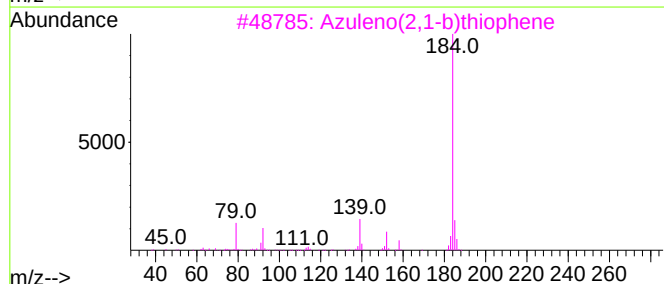
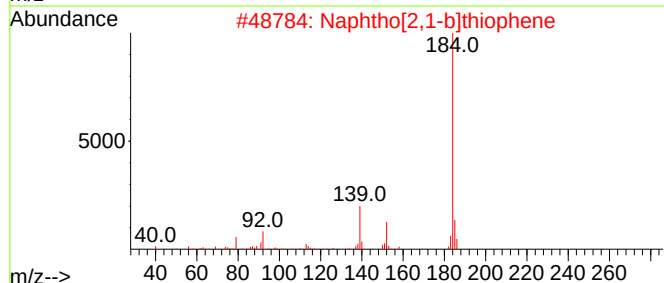
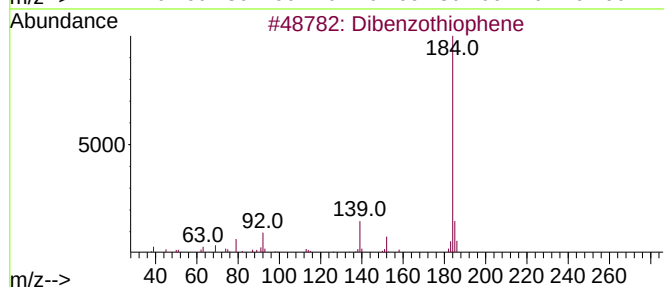
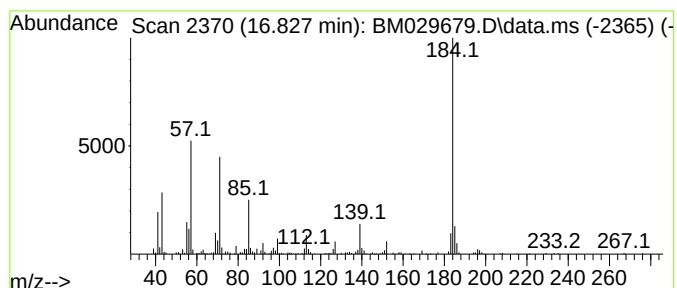
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Dibenzothiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.827	7.24 ng	334530	Phenanthrene-d10	17.004

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	53
2			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	53
3			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	53
4			2,5-Cyclohexadiene-1,4-dione, 2,...	184	C8H8O5	000085-23-4	52
5			Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042721\
Data File : BM029679.D
Acq On : 27 Apr 2021 18:27
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Sample : M2170-09
Misc :
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ClientSampleId :
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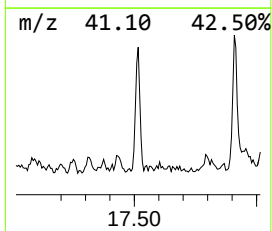
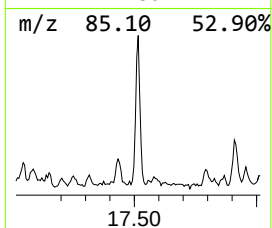
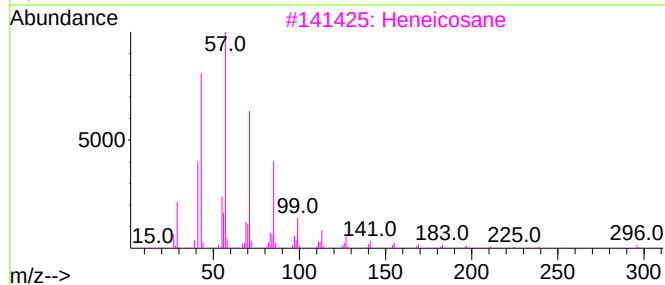
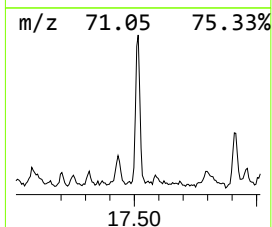
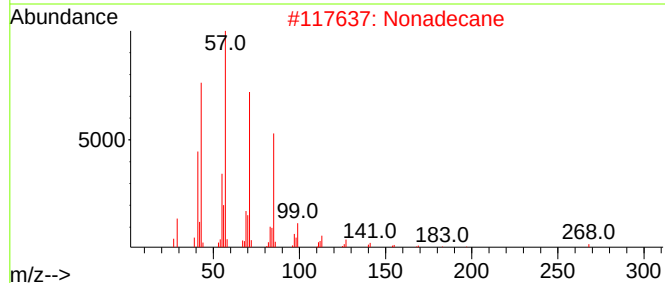
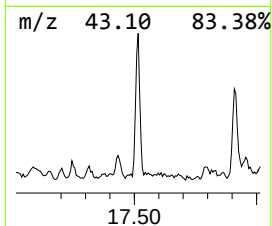
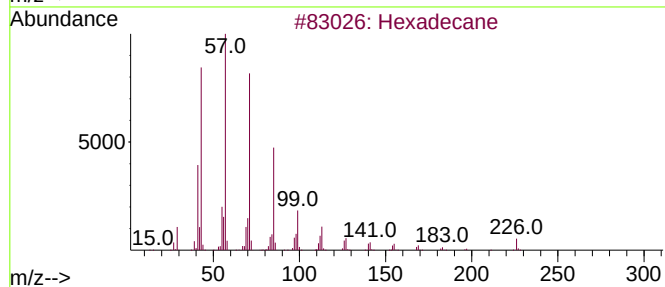
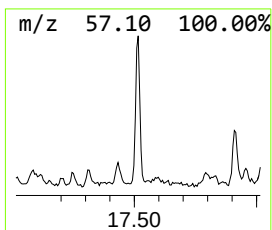
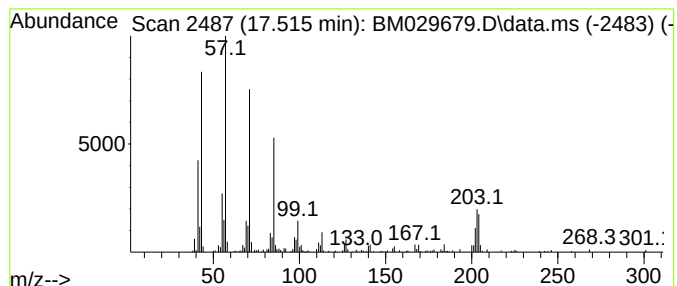
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.515	5.94 ng	274554	Phenanthrene-d10	17.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	83
2	Nonadecane	268	C19H40	000629-92-5	80
3	Heneicosane	296	C21H44	000629-94-7	76
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	74
5	Pentadecane	212	C15H32	000629-62-9	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042721\
Data File : BM029679.D
Acq On : 27 Apr 2021 18:27
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Sample : M2170-09
Misc :
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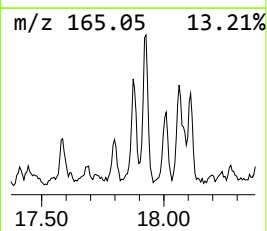
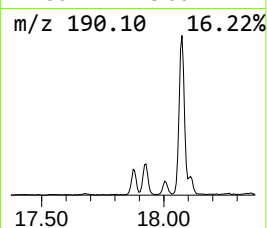
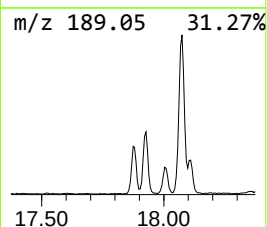
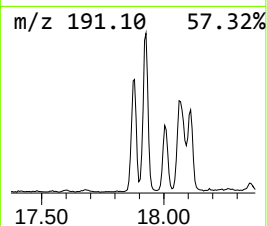
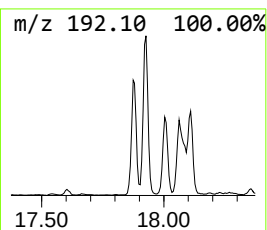
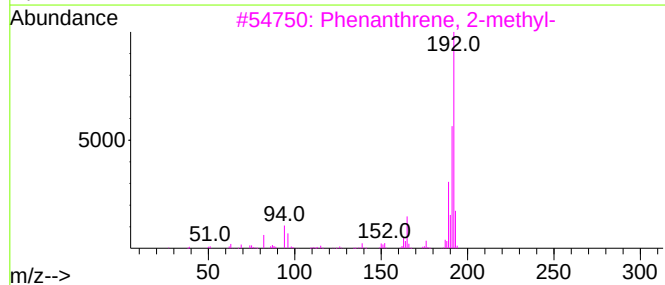
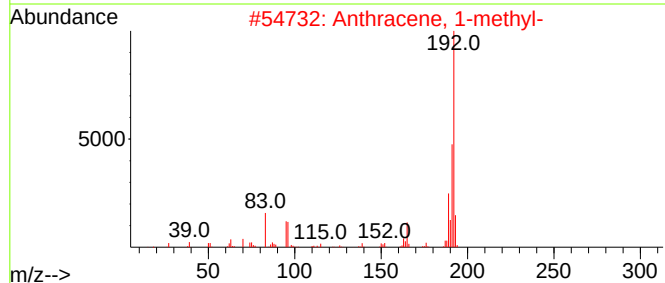
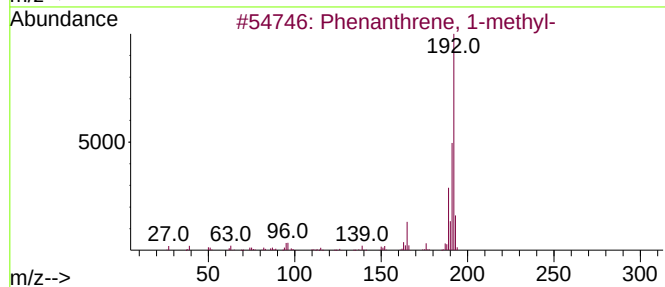
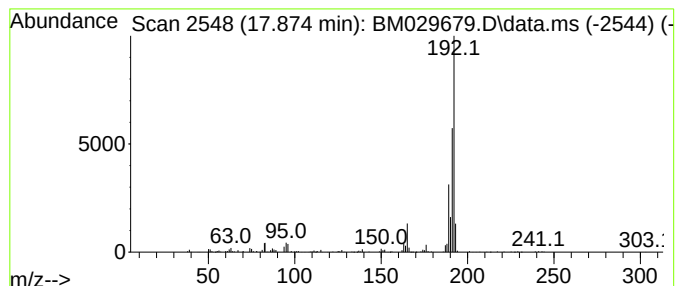
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.874	6.02 ng	278403	Phenanthrene-d10	17.004

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	89
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042721\
Data File : BM029679.D
Acq On : 27 Apr 2021 18:27
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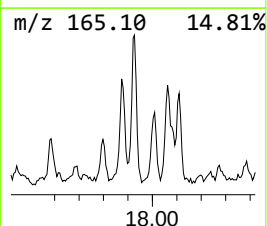
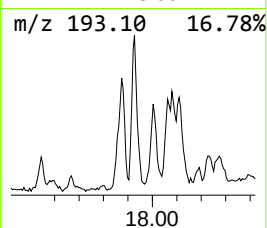
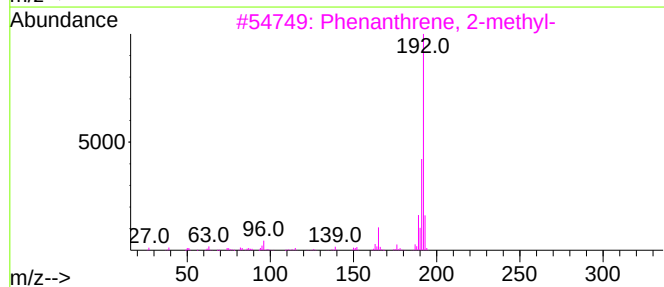
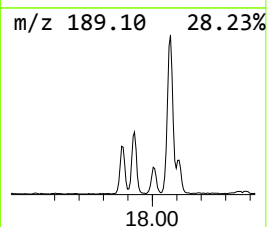
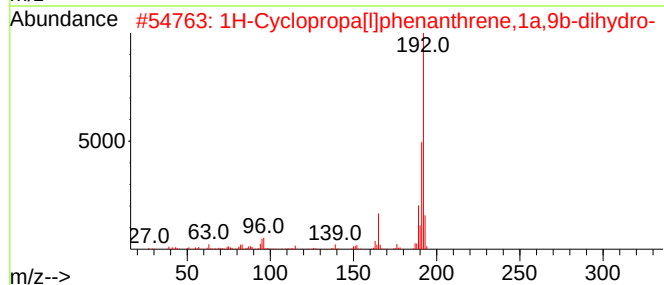
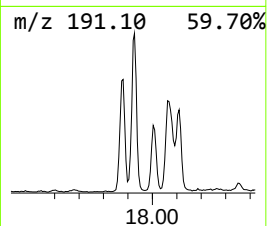
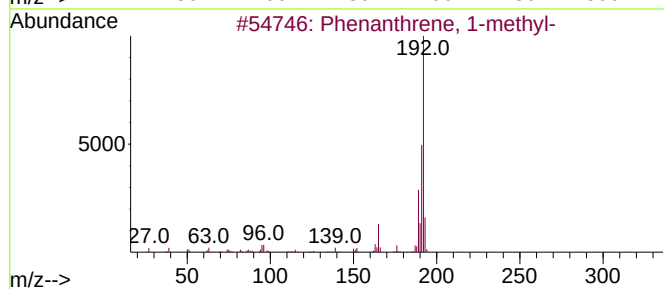
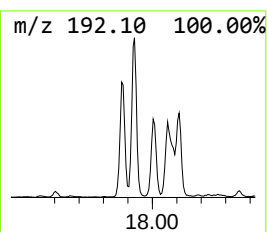
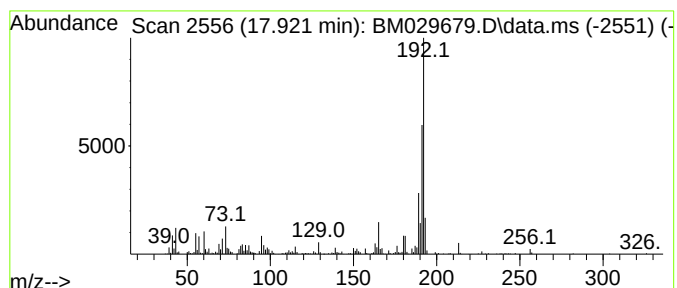
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 1H-Cyclopropa[1]phenanthren... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.921	16.06 ng	742334	Phenanthrene-d10	17.004

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	94
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



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Acq On : 27 Apr 2021 18:27
Operator : CG/JU
Sample : M2170-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

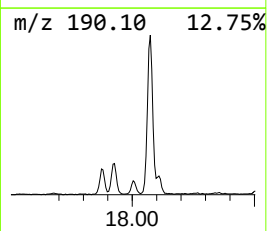
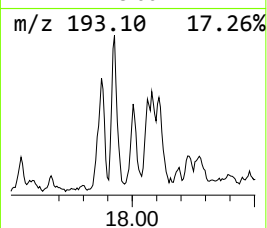
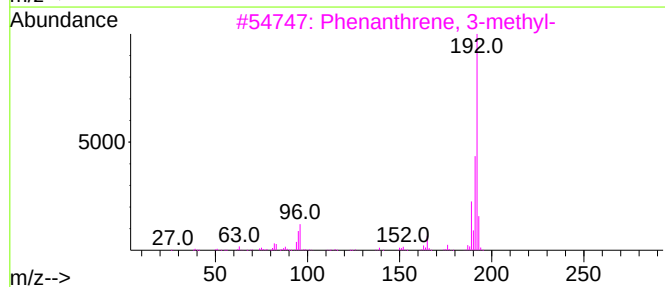
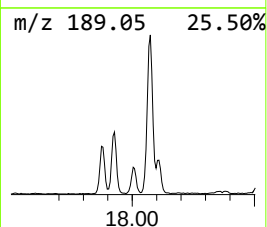
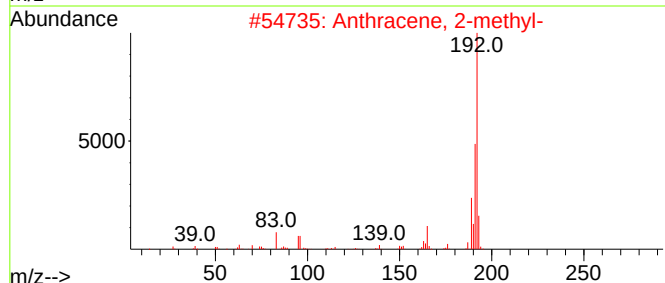
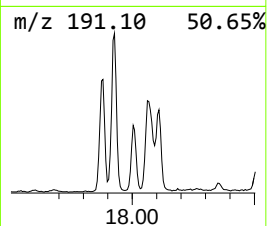
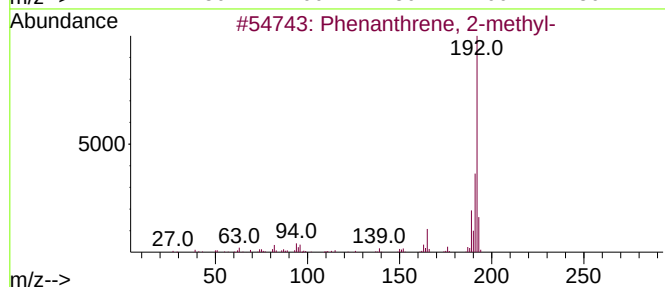
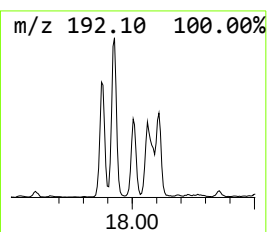
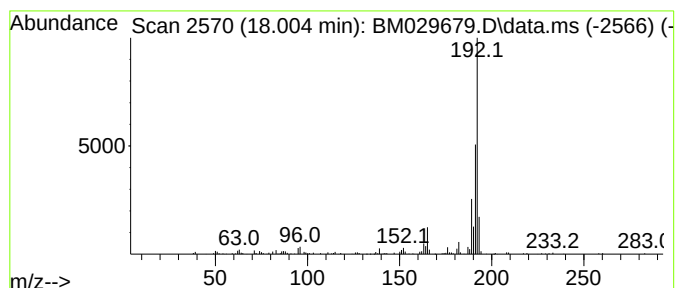
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.004	4.58 ng	211705	Phenanthrene-d10	17.004	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042721\
Data File : BM029679.D
Acq On : 27 Apr 2021 18:27
Operator : CG/JU
Sample : M2170-09
Misc :
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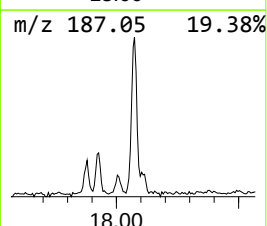
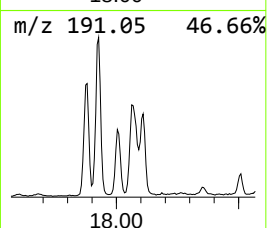
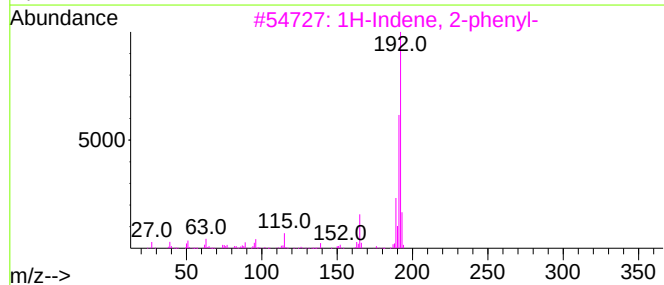
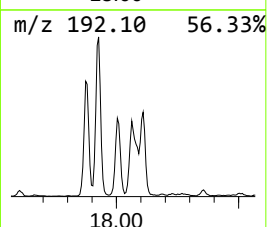
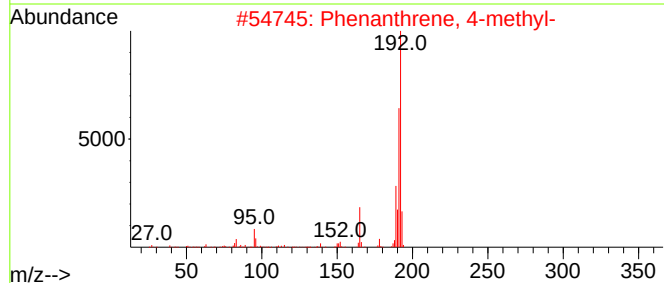
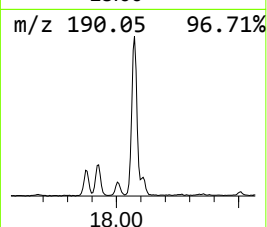
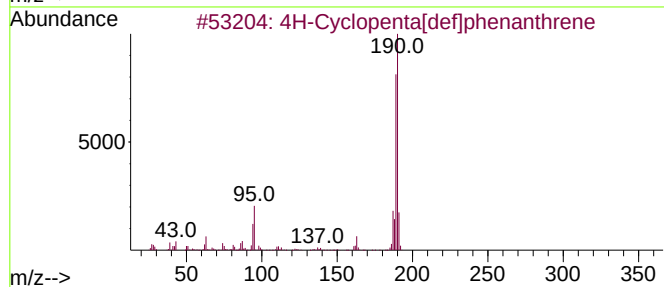
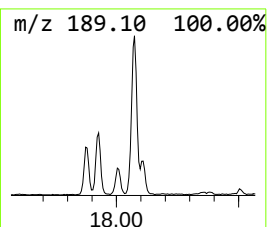
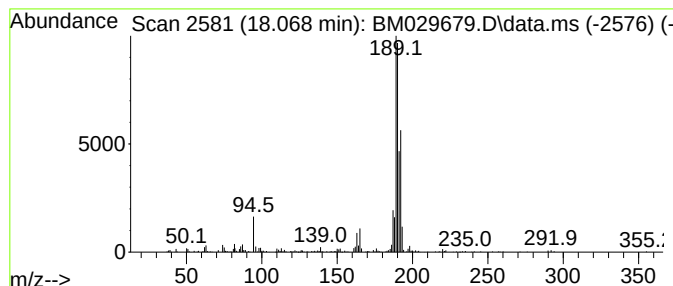
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.068	12.31 ng	568658	Phenanthrene-d10	17.004	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	35
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042721\
Data File : BM029679.D
Acq On : 27 Apr 2021 18:27
Operator : CG/JU
Sample : M2170-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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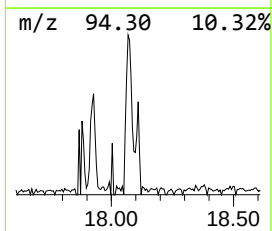
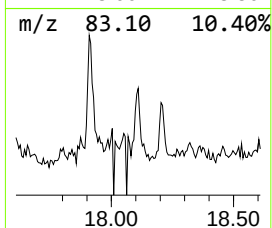
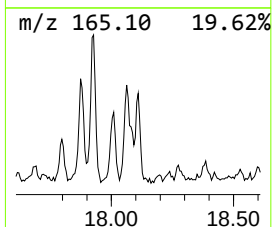
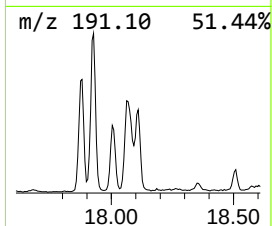
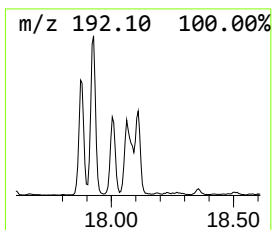
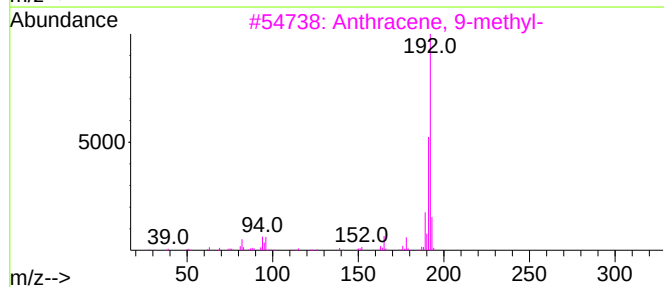
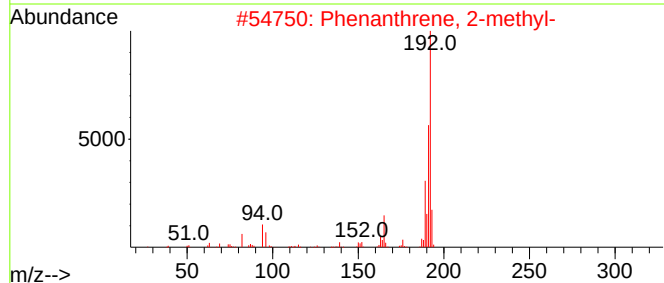
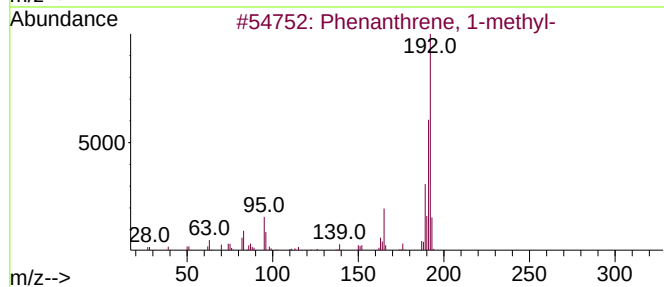
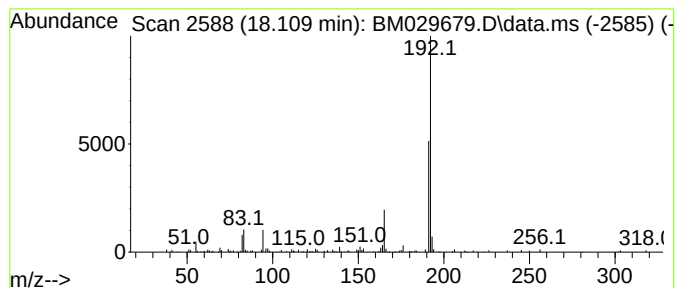
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Anthracene, 9-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.110	4.70 ng	217027	Phenanthrene-d10	17.004

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	80
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	72
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	72
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	72
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042721\
Data File : BM029679.D
Acq On : 27 Apr 2021 18:27
Operator : CG/JU
Sample : M2170-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

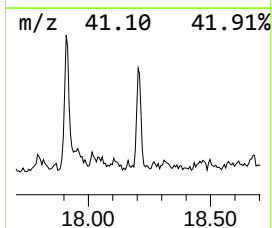
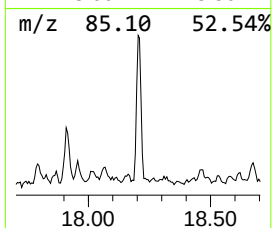
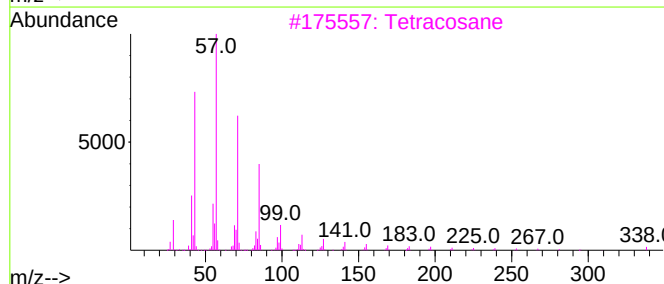
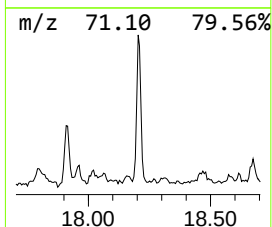
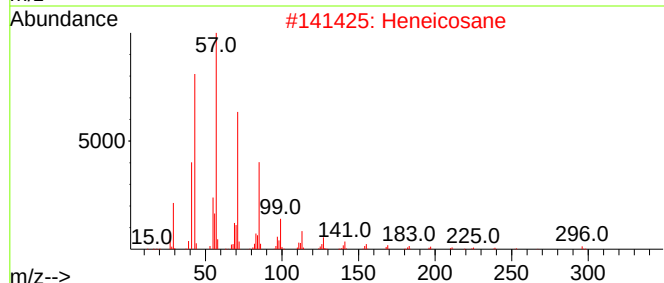
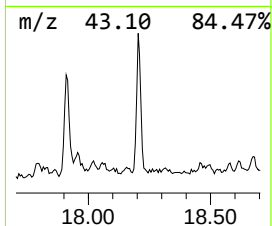
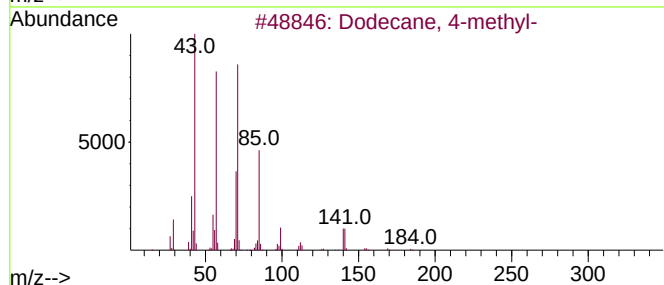
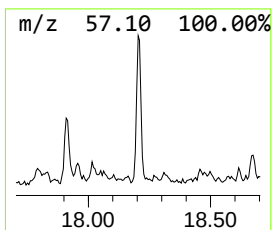
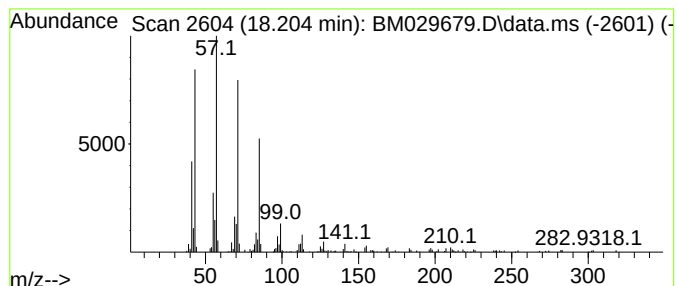
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Dodecane, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.204	4.63 ng	214024	Phenanthrene-d10		17.004	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-		184	C13H28	006117-97-1	93
2	Heneicosane		296	C21H44	000629-94-7	91
3	Tetracosane		338	C24H50	000646-31-1	91
4	Eicosane		282	C20H42	000112-95-8	91
5	Nonadecane		268	C19H40	000629-92-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042721\
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Sample : M2170-09
Misc :
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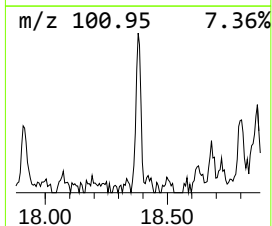
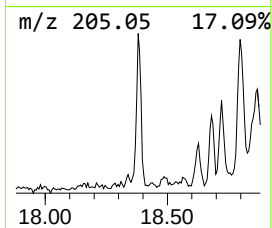
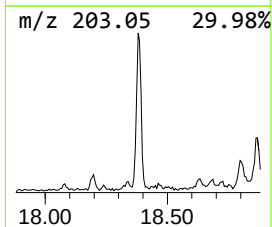
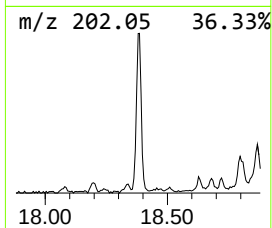
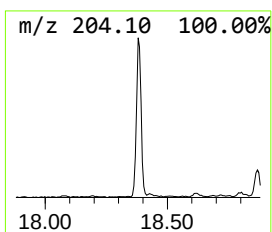
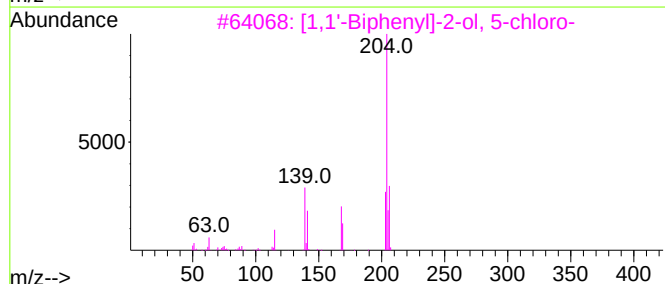
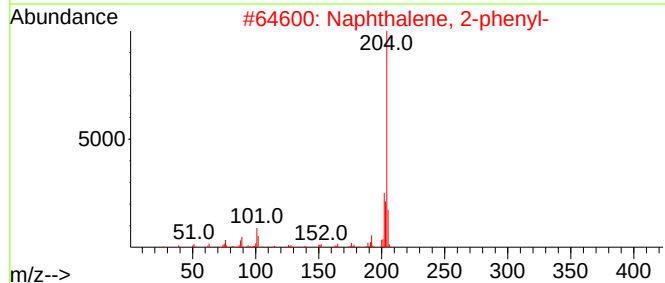
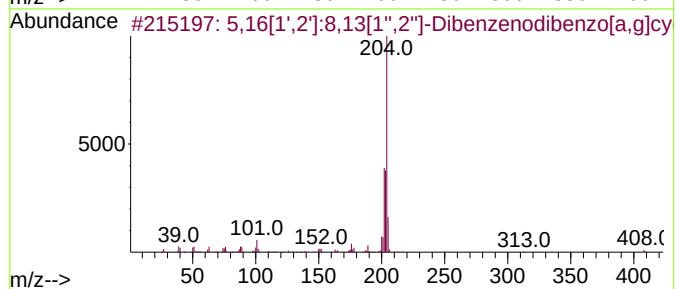
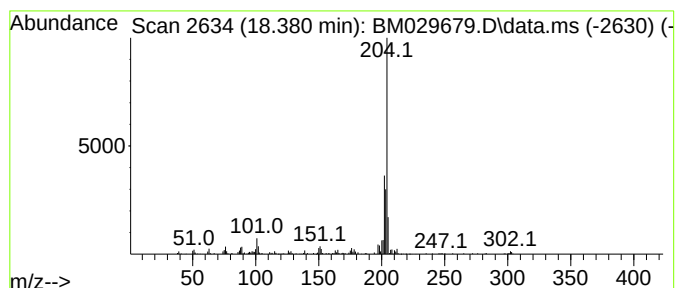
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.380	4.28 ng	197763	Phenanthrene-d10		17.004	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24		005672-97-9	87
2	Naphthalene, 2-phenyl-	204	C16H12		000612-94-2	76
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO		000607-12-5	53
4	6-Cyanophenanthridine	204	C14H8N2		002176-28-5	52
5	9-Acridinecarbonitrile	204	C14H8N2		005326-19-2	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042721\
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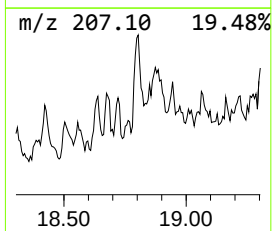
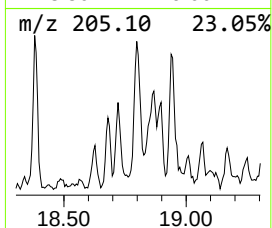
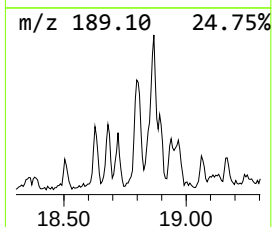
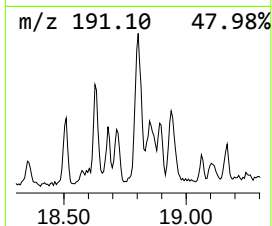
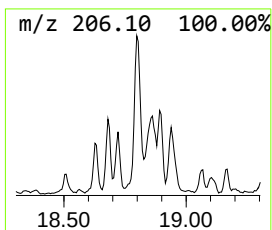
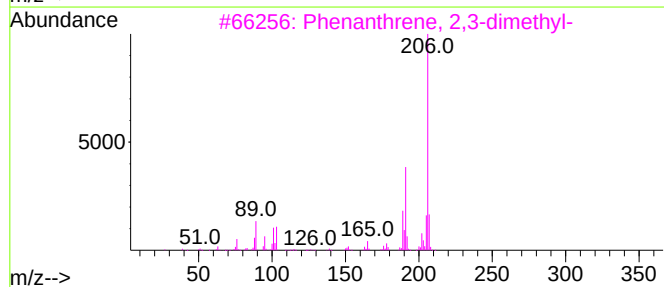
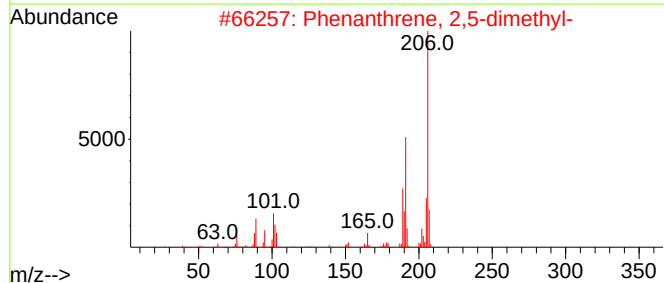
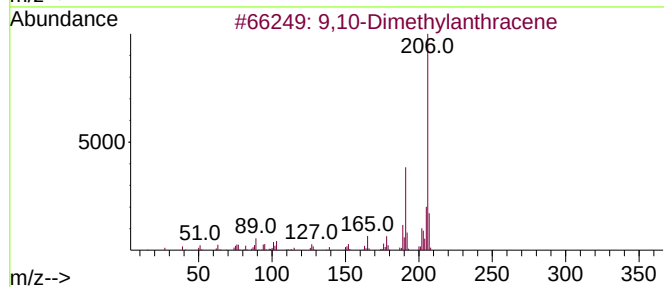
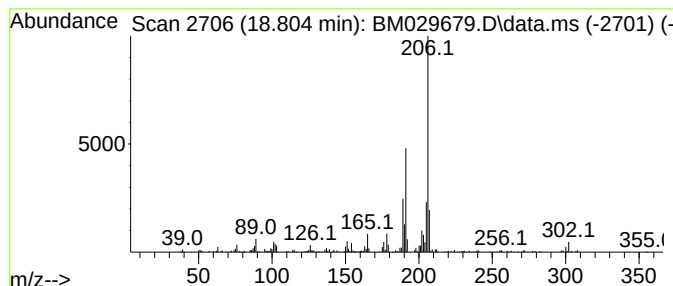
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 9,10-Dimethylantracene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.804	4.73 ng	218494	Phenanthrene-d10	17.004	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylantracene	206	C16H14	000781-43-1	91
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042721\
Data File : BM029679.D
Acq On : 27 Apr 2021 18:27
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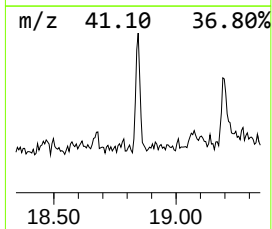
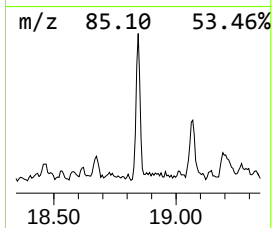
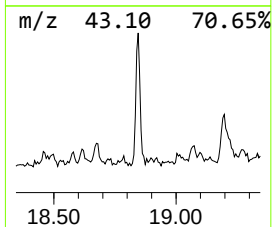
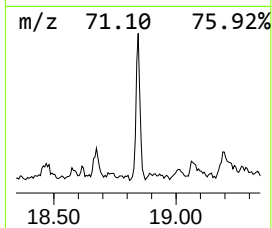
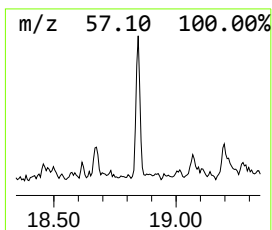
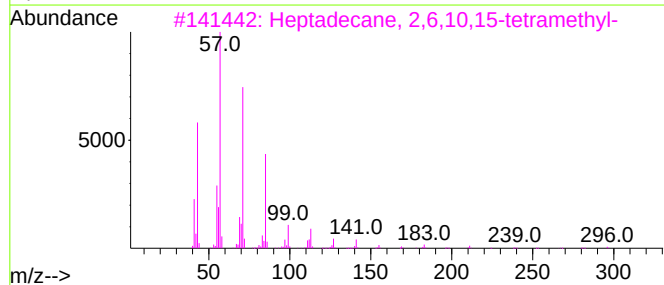
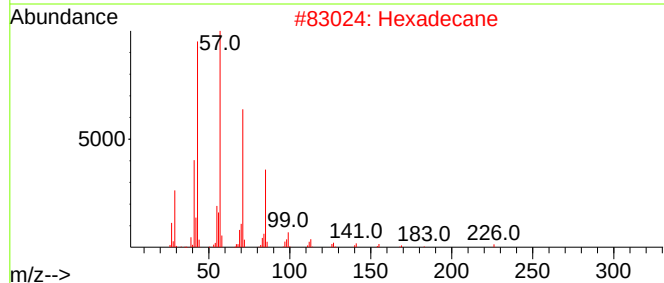
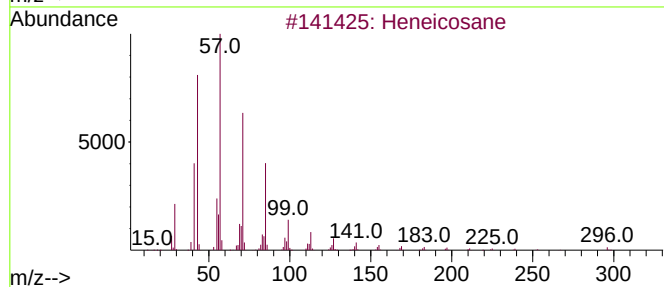
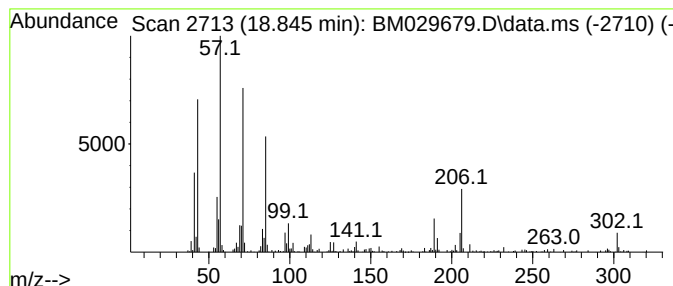
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Heptadecane, 2,6,10,15-tetr... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.845	4.52 ng	208991	Phenanthrene-d10	17.004

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	98
2		Hexadecane	226	C16H34	000544-76-3	93
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
4		Octacosane	394	C28H58	000630-02-4	81
5		Tetracosane	338	C24H50	000646-31-1	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042721\
Data File : BM029679.D
Acq On : 27 Apr 2021 18:27
Operator : CG/JU
Sample : M2170-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

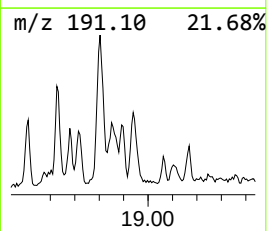
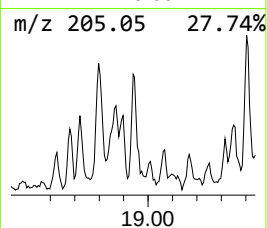
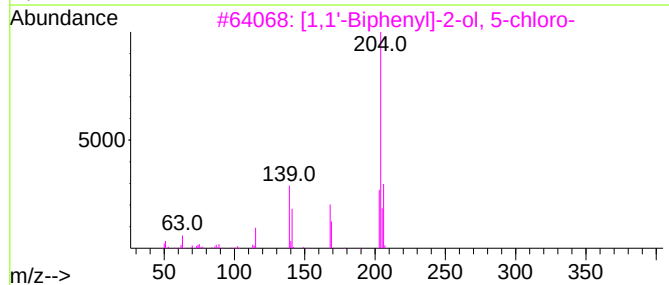
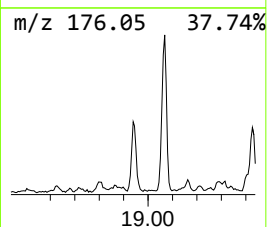
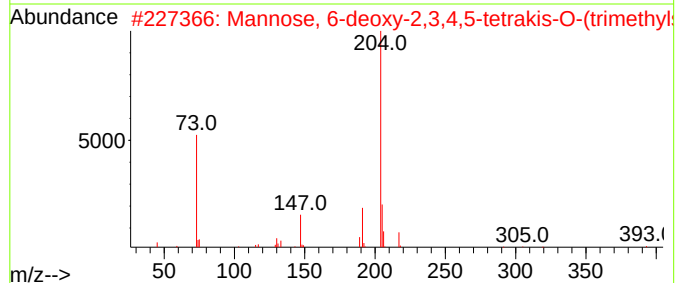
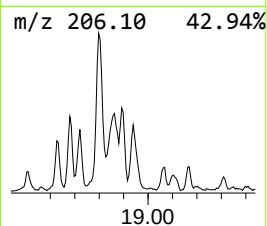
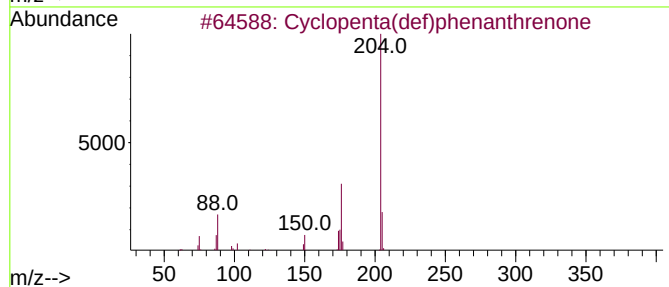
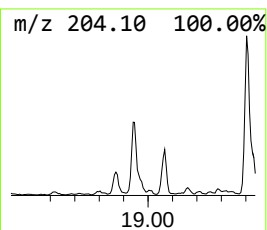
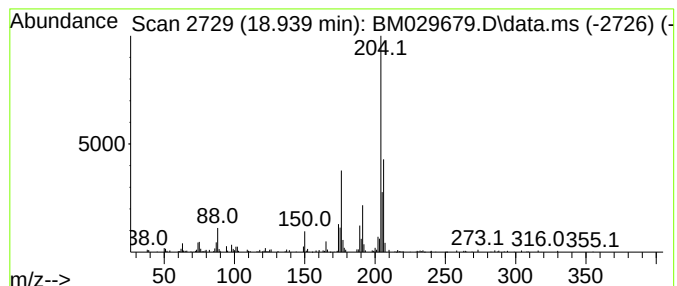
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.939	4.89 ng	226170	Phenanthrene-d10		17.004	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone		204	C15H8O	005737-13-3	60
2	Mannose, 6-deoxy-2,3,4,5-tetraki...		452	C18H44O5Si4	019127-15-2	47
3	[1,1'-Biphenyl]-2-ol, 5-chloro-		204	C12H9ClO	000607-12-5	47
4	[1,1'-Biphenyl]-4-ol, 4'-chloro-		204	C12H9ClO	028034-99-3	37
5	Benzene, 1-chloro-4-phenoxy-		204	C12H9ClO	007005-72-3	37



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042721\
Data File : BM029679.D
Acq On : 27 Apr 2021 18:27
Operator : CG/JU
Sample : M2170-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

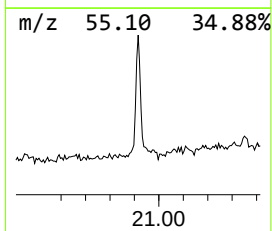
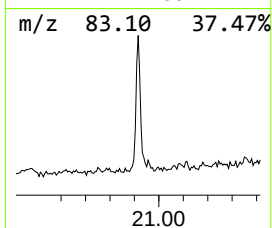
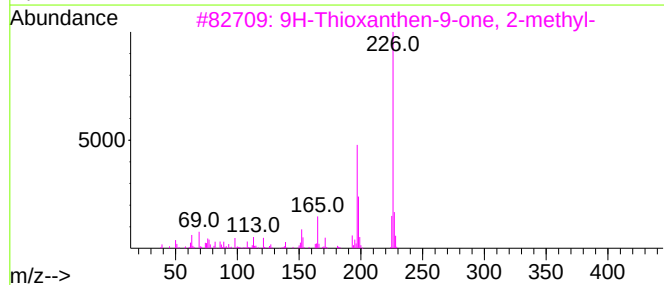
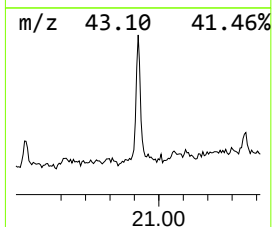
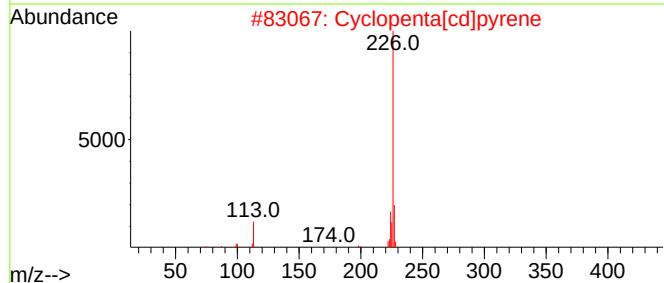
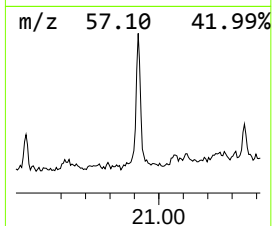
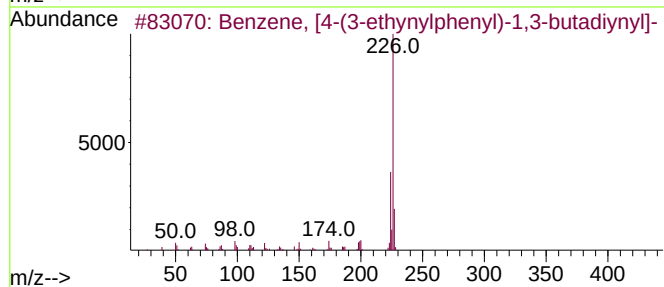
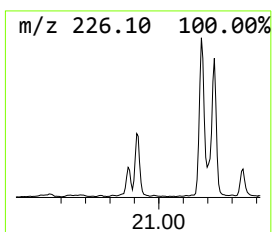
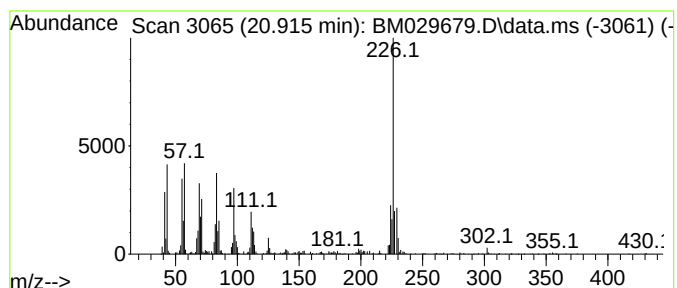
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 unknown20.915 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.915	3.67 ng	615621	Chrysene-d12	21.192	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	46
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	46
3	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	43
4	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	38
5	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042721\
Data File : BM029679.D
Acq On : 27 Apr 2021 18:27
Operator : CG/JU
Sample : M2170-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DN-1

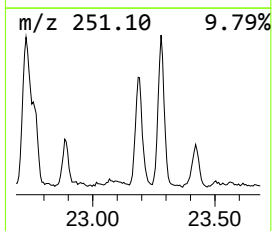
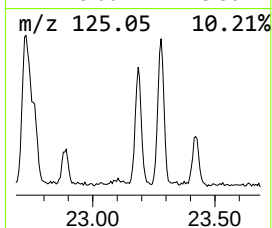
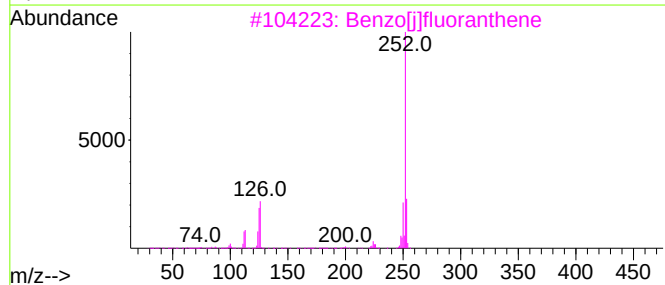
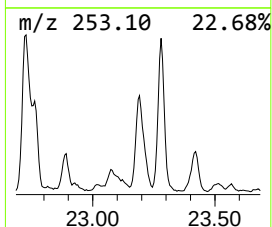
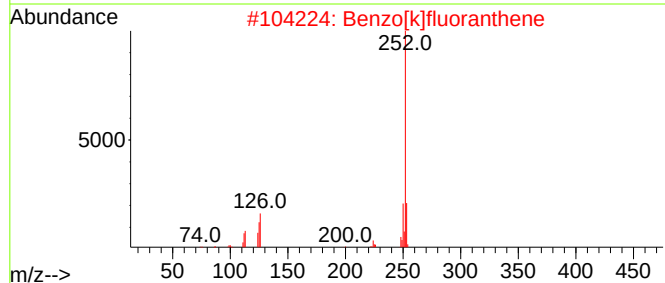
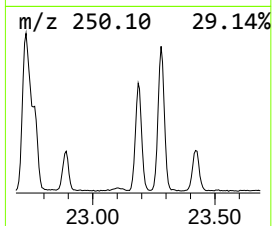
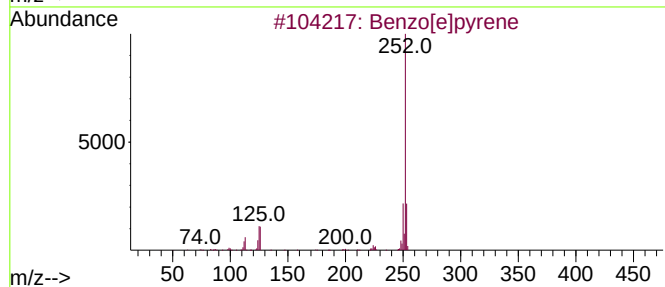
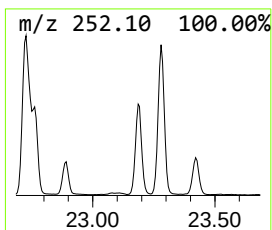
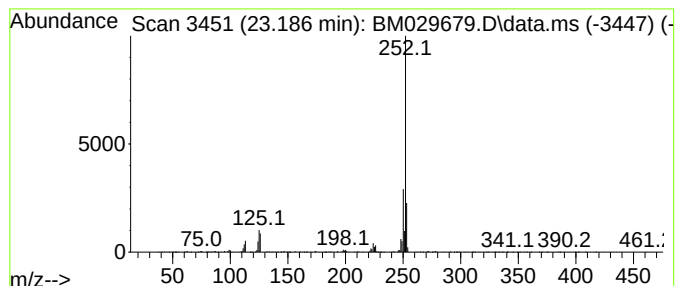
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.186	18.24 ng	1087320	Perylene-d12	23.374

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	96
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3			Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4			Perylene	252	C20H12	000198-55-0	94
5			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042721\
 Data File : BM029679.D
 Acq On : 27 Apr 2021 18:27
 Operator : CG/JU
 Sample : M2170-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DN-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Pentadecane	14.169	3.7	ng	146617	3	14.257	791172	20.0
Hexadecane	15.127	5.1	ng	202001	3	14.257	791172	20.0
Heneicosane	15.533	4.7	ng	185719	3	14.257	791172	20.0
Pyrido[2,3-b]in...	15.604	3.2	ng	127826	3	14.257	791172	20.0
Tridecane	15.986	7.3	ng	335576	4	17.004	924170	20.0
Octacosane	16.780	5.7	ng	264587	4	17.004	924170	20.0
Dibenzothiophene	16.827	7.2	ng	334530	4	17.004	924170	20.0
Nonadecane	17.515	5.9	ng	274554	4	17.004	924170	20.0
Phenanthrene, 1...	17.874	6.0	ng	278403	4	17.004	924170	20.0
1H-Cyclopropa[1...	17.921	16.1	ng	742334	4	17.004	924170	20.0
Phenanthrene, 2...	18.004	4.6	ng	211705	4	17.004	924170	20.0
4H-Cyclopenta[d...	18.068	12.3	ng	568658	4	17.004	924170	20.0
Anthracene, 9-m...	18.110	4.7	ng	217027	4	17.004	924170	20.0
Dodecane, 4-met...	18.204	4.6	ng	214024	4	17.004	924170	20.0
5,16[1',2']:8,1...	18.380	4.3	ng	197763	4	17.004	924170	20.0
9,10-Dimethylan...	18.804	4.7	ng	218494	4	17.004	924170	20.0
Heptadecane, 2...	18.845	4.5	ng	208991	4	17.004	924170	20.0
Cyclopenta(def)...	18.939	4.9	ng	226170	4	17.004	924170	20.0
unknown20.915	20.915	3.7	ng	615621	5	21.192	3355180	20.0
Benzo[e]pyrene	23.186	18.2	ng	1087320	6	23.374	1192310	20.0