

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070120\
 Data File : BP002617.D
 Acq On : 01 Jul 2020 22:28
 Operator : CG/JU
 Sample : L2814-14 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PL-02-063020

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP062920.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.193	386	392	409	rBV	803450	1297450	13.38%	1.573%
2	6.763	649	659	673	rBV	825646	1428216	14.73%	1.731%
3	7.569	789	796	807	rBV	1123013	1803561	18.60%	2.186%
4	7.887	840	850	857	rBV	763862	1220506	12.59%	1.479%
5	8.716	976	991	998	rBV	489752	912404	9.41%	1.106%
6	10.339	1259	1267	1275	rBV	1500086	2655326	27.39%	3.218%
7	11.404	1443	1448	1455	rBV3	66866	147643	1.52%	0.179%
8	11.810	1508	1517	1523	rBV4	70591	167552	1.73%	0.203%
9	12.016	1549	1552	1562	rVB3	55363	120423	1.24%	0.146%
10	12.281	1593	1597	1603	rVB2	65008	103945	1.07%	0.126%
11	12.781	1677	1682	1685	rBV2	70693	101051	1.04%	0.122%
12	12.833	1685	1691	1697	rVV	1418041	2002250	20.65%	2.427%
13	13.069	1729	1731	1738	rVB3	79909	122503	1.26%	0.148%
14	13.680	1831	1835	1840	rVV	154885	221442	2.28%	0.268%
15	13.939	1874	1879	1886	rVB	104473	171537	1.77%	0.208%
16	14.157	1912	1916	1920	rBV	130090	166908	1.72%	0.202%
17	14.222	1920	1927	1933	rVV	2248735	3367683	34.73%	4.082%
18	14.280	1933	1937	1946	rVB	263103	414323	4.27%	0.502%
19	14.622	1989	1995	2000	rBV	157540	269318	2.78%	0.326%
20	14.780	2019	2022	2029	rVB3	68434	100798	1.04%	0.122%
21	15.116	2075	2079	2087	rVB	179496	230622	2.38%	0.280%
22	15.275	2101	2106	2112	rBV	254389	379294	3.91%	0.460%
23	15.527	2145	2149	2153	rVB	94833	136385	1.41%	0.165%
24	15.722	2176	2182	2192	rVB	974015	1492545	15.39%	1.809%
25	15.980	2223	2226	2229	rBV	194392	235325	2.43%	0.285%
26	16.780	2358	2362	2368	rBV2	235749	404789	4.17%	0.491%
27	16.833	2368	2371	2381	rVB	127812	189173	1.95%	0.229%
28	16.980	2390	2396	2399	rBV	2598906	3645703	37.60%	4.419%
29	17.021	2399	2403	2409	rVB	1698879	2307615	23.80%	2.797%
30	17.110	2414	2418	2424	rVB	628571	849200	8.76%	1.029%
31	17.386	2461	2465	2470	rVB	122312	167034	1.72%	0.202%
32	17.521	2483	2488	2491	rBV2	235087	312148	3.22%	0.378%
33	17.557	2491	2494	2500	rVB2	289442	365889	3.77%	0.443%
34	17.692	2511	2517	2525	rVB	3250377	4079712	42.08%	4.945%

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35	17.857	2541	2545	2549	rBV	173416	225726	2.33%	0.274%
36	17.904	2549	2553	2560	rVB	272771	374538	3.86%	0.454%
37	17.980	2563	2566	2570	rVB	104531	131181	1.35%	0.159%
38	18.045	2572	2577	2581	rBV2	476814	708368	7.31%	0.859%
39	18.198	2600	2603	2609	rVB	199724	225727	2.33%	0.274%
40	18.351	2625	2629	2632	rBV2	177073	253441	2.61%	0.307%
41	18.380	2632	2634	2641	rVB3	84676	126777	1.31%	0.154%
42	18.645	2675	2679	2682	rBV2	107280	155950	1.61%	0.189%
43	18.757	2694	2698	2700	rBV	108203	144331	1.49%	0.175%
44	18.798	2700	2705	2708	rVV	6002604	7822638	80.68%	9.481%
45	18.833	2708	2711	2715	rVV2	7394880	9695942	100.00%	11.752%
46	18.863	2715	2716	2723	rVB2	890250	755109	7.79%	0.915%
47	18.963	2729	2733	2736	rBV	1698899	1842584	19.00%	2.233%
48	19.010	2736	2741	2747	rVB	3192018	4110085	42.39%	4.982%
49	19.357	2790	2800	2810	rBV	2575541	4559006	47.02%	5.526%
50	19.539	2828	2831	2832	rBV	145522	155154	1.60%	0.188%
51	19.568	2832	2836	2840	rVB	2036505	2387162	24.62%	2.893%
52	19.798	2872	2875	2877	rBV3	194788	252839	2.61%	0.306%
53	19.851	2881	2884	2889	rVV	515085	665465	6.86%	0.807%
54	19.898	2889	2892	2894	rVV	226116	263684	2.72%	0.320%
55	19.945	2898	2900	2904	rVB	399864	416102	4.29%	0.504%
56	20.004	2907	2910	2912	rVV2	177319	216481	2.23%	0.262%
57	20.033	2912	2915	2920	rVB2	199117	242613	2.50%	0.294%
58	20.180	2938	2940	2945	rBV	122279	142527	1.47%	0.173%
59	20.386	2972	2975	2979	rBV	129285	143933	1.48%	0.174%
60	20.780	3039	3042	3044	rBV	170401	172991	1.78%	0.210%
61	20.827	3046	3050	3054	rVV3	395887	631227	6.51%	0.765%
62	21.086	3088	3094	3098	rBV2	2647891	4785190	49.35%	5.800%
63	21.121	3098	3100	3108	rBV	1164721	1351460	13.94%	1.638%
64	21.239	3117	3120	3122	rBV	237691	266737	2.75%	0.323%
65	22.627	3352	3356	3373	rVB	900958	2856906	29.46%	3.463%
66	23.092	3432	3435	3444	rVB	508343	892842	9.21%	1.082%
67	23.186	3447	3451	3461	rVB	808231	1619268	16.70%	1.963%
68	23.286	3462	3468	3473	rBV2	1245229	2321953	23.95%	2.814%

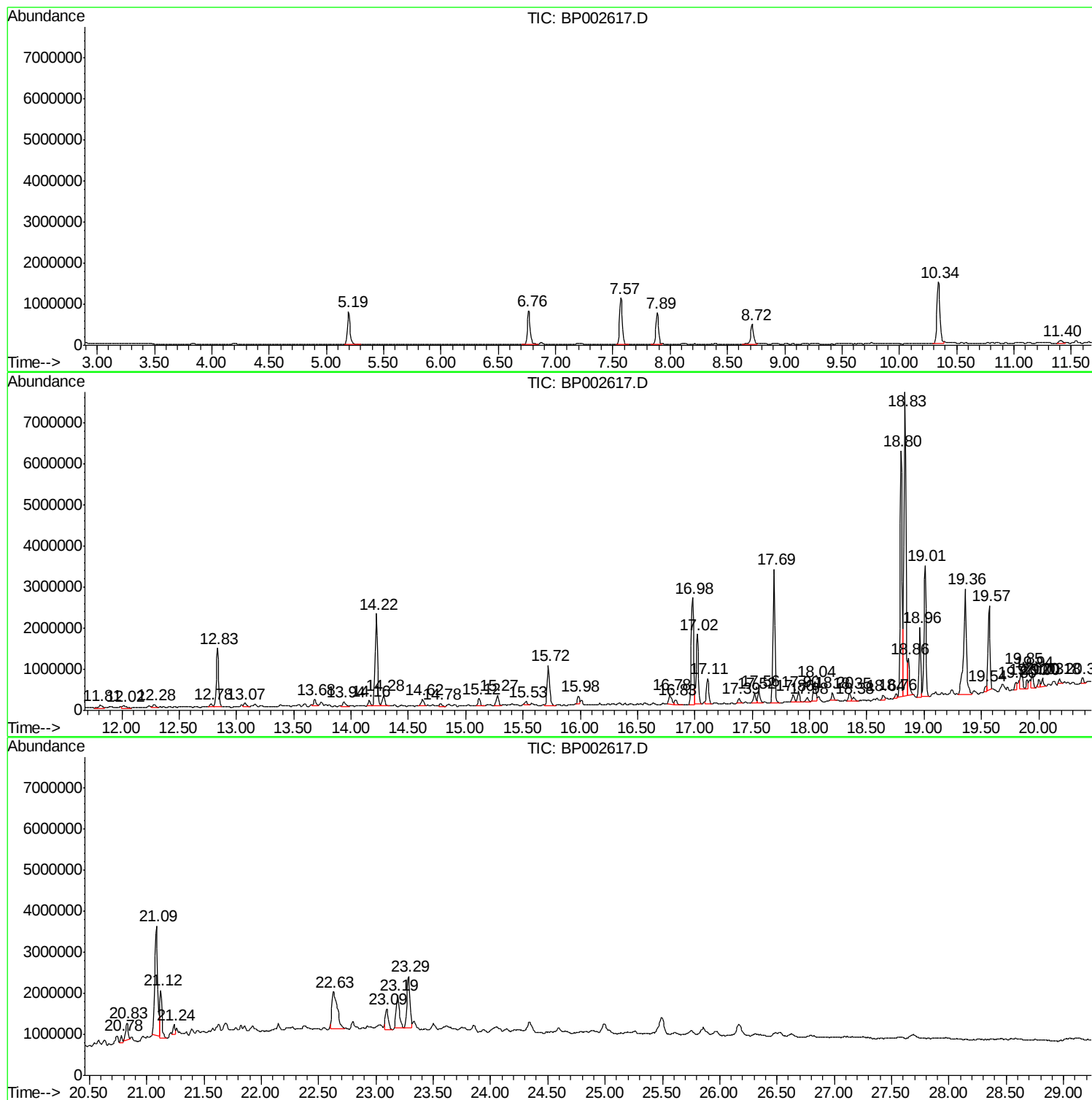
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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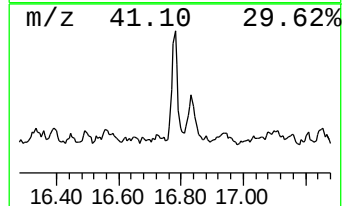
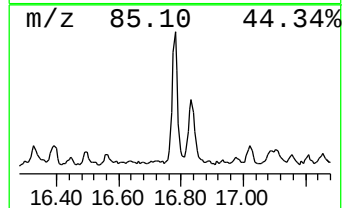
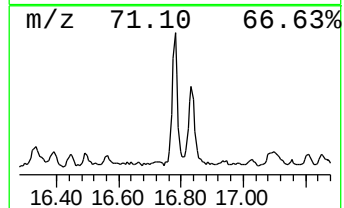
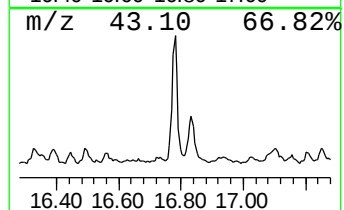
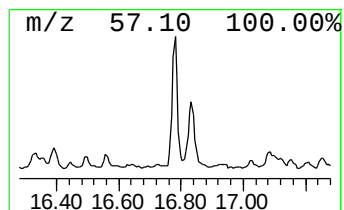
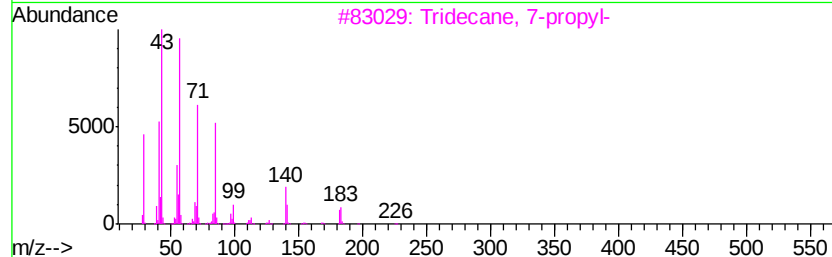
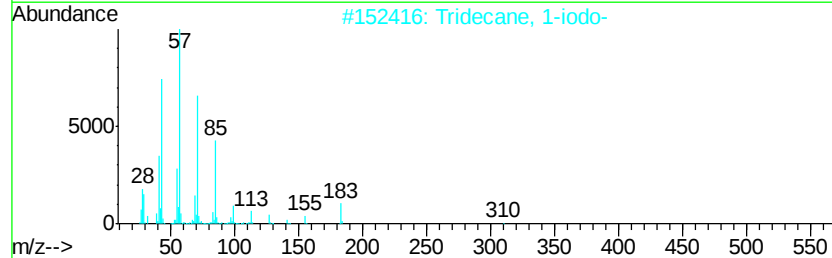
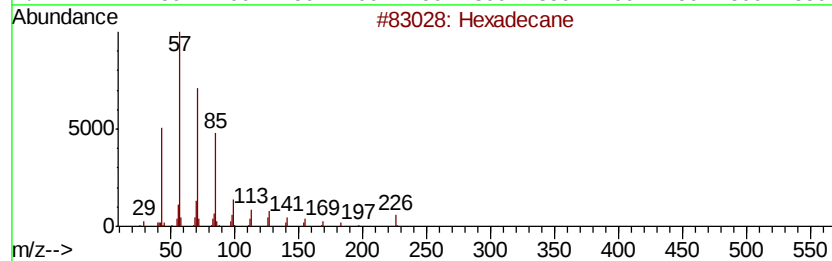
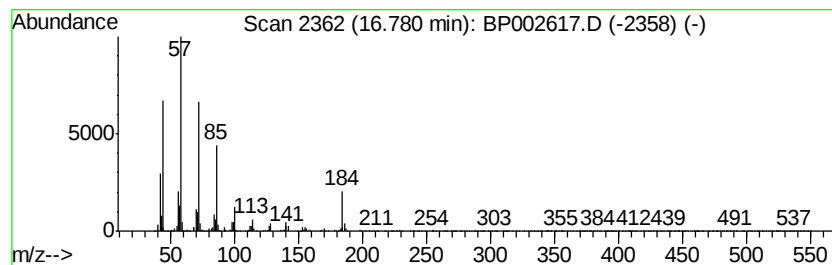
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.78	2.22 ng	404789	Phenanthrene-d10		16.98
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	89
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	86
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	76
5	Heneicosane	296	C21H44	000629-94-7	64



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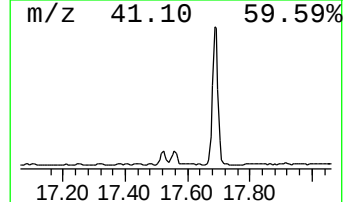
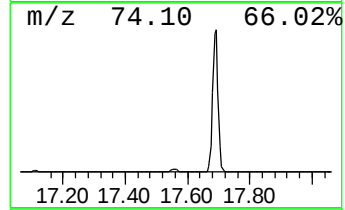
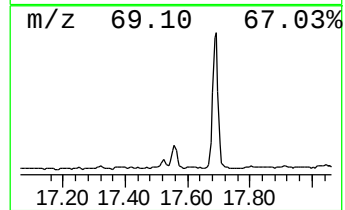
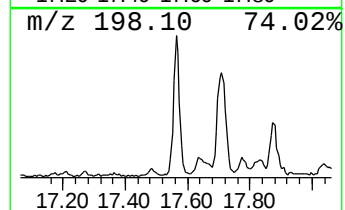
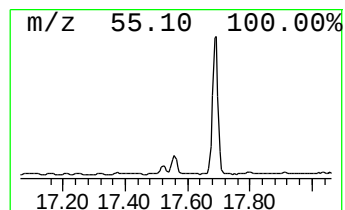
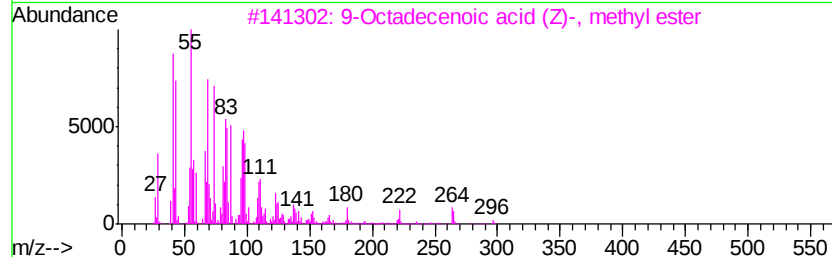
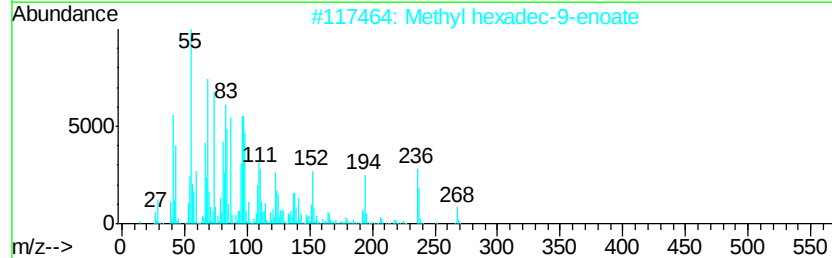
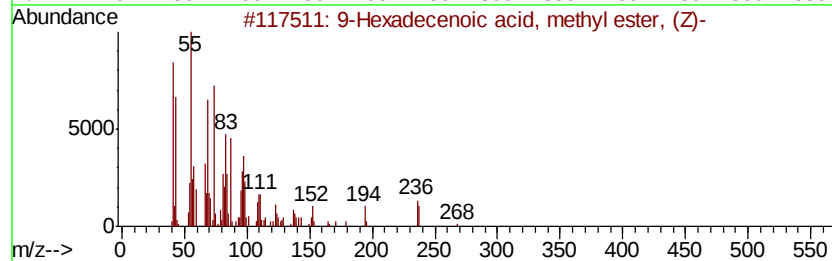
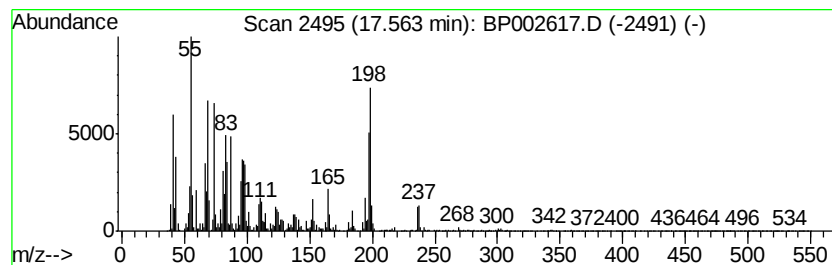
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 9-Hexadecenoic acid, methyl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.56	2.01 ng	365889	Phenanthrene-d10	16.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	99
2	Methyl hexadec-9-enoate	268	C17H32O2	010030-74-7	76
3	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	64
4	Cyclopropaneoctanoic acid, 2-hex...	282	C18H34O2	010152-61-1	64
5	cis-10-Heptadecenoic acid, methy...	282	C18H34O2	1000333-62-1	55



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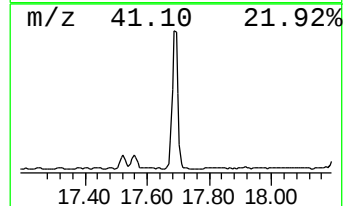
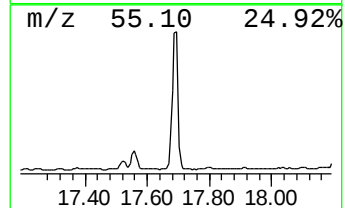
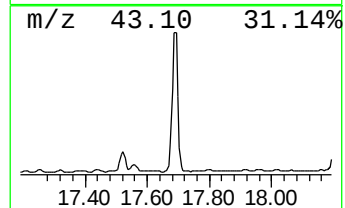
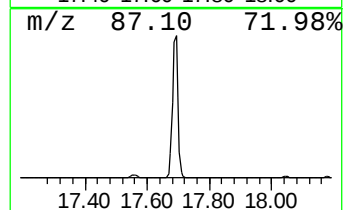
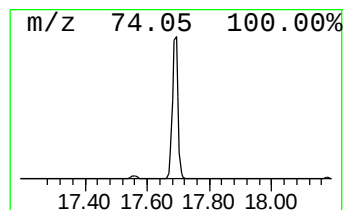
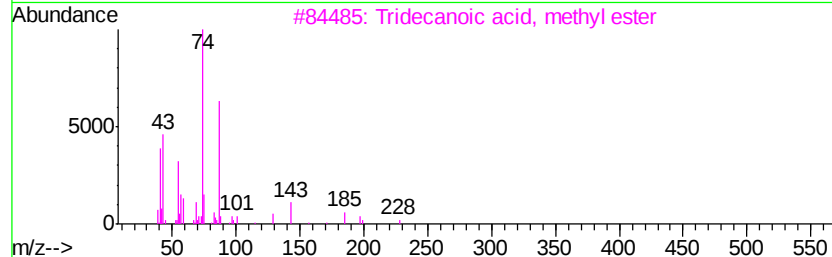
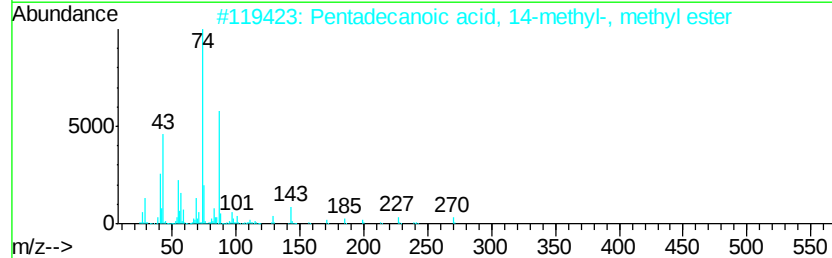
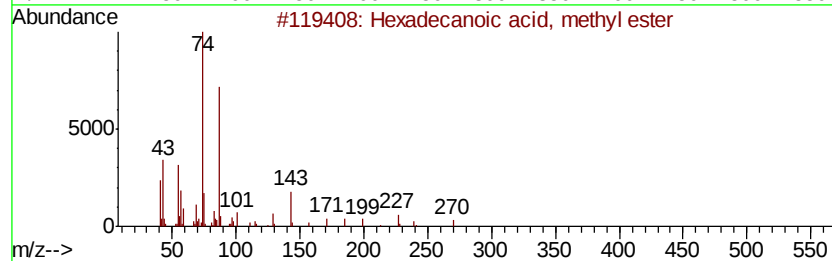
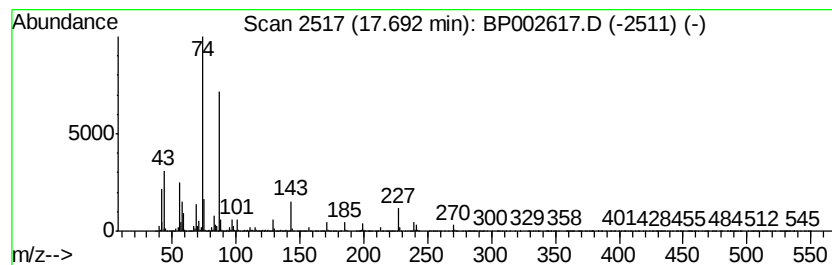
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	22.38 ng	4079710	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	89
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5		Methyl tetradecanoate	242	C15H30O2	000124-10-7	80



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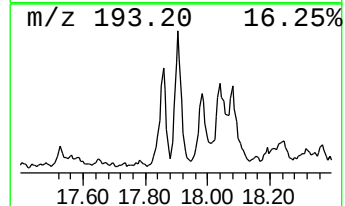
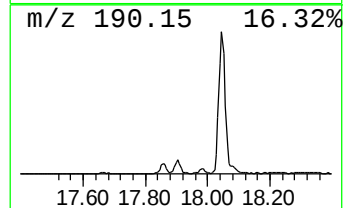
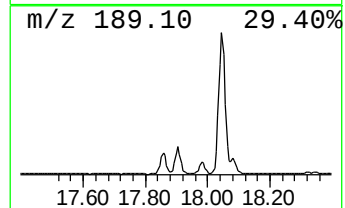
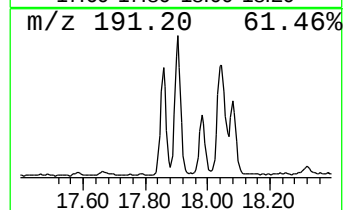
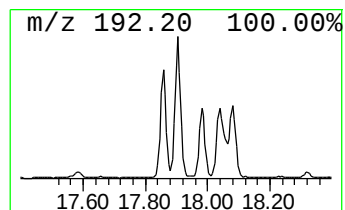
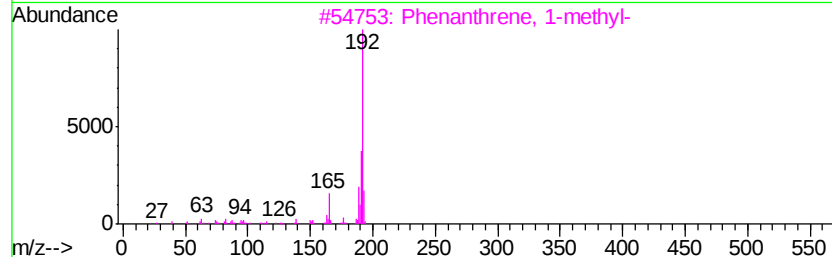
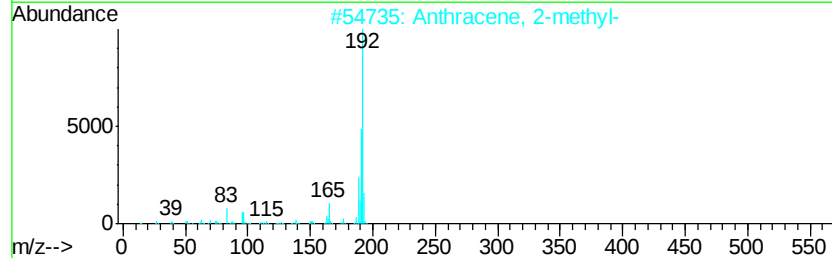
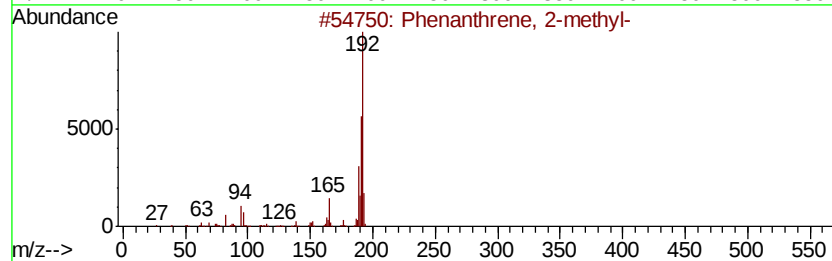
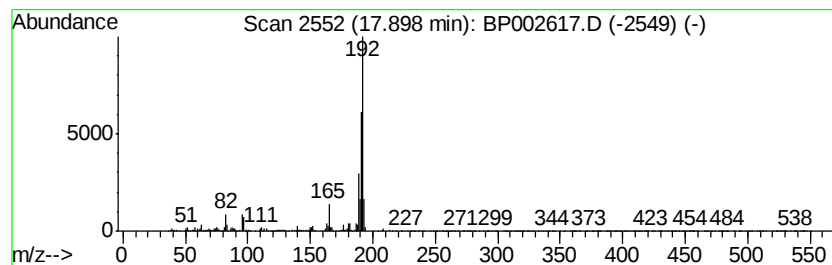
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Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	2.05 ng	374538	Phenanthrene-d10	16.98

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4		1H-Cyclopropa[1,1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	95
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070120\
Data File : BP002617.D
Acq On : 01 Jul 2020 22:28
Operator : CG/JU
Sample : L2814-14 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PL-02-063020

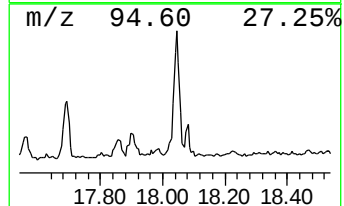
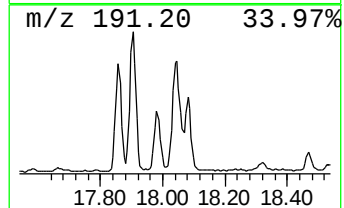
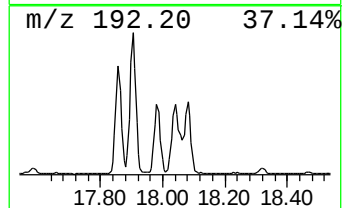
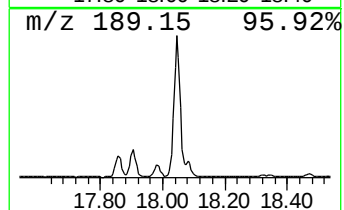
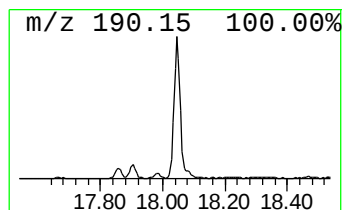
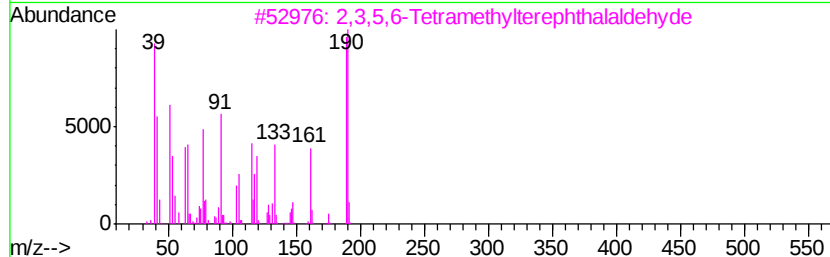
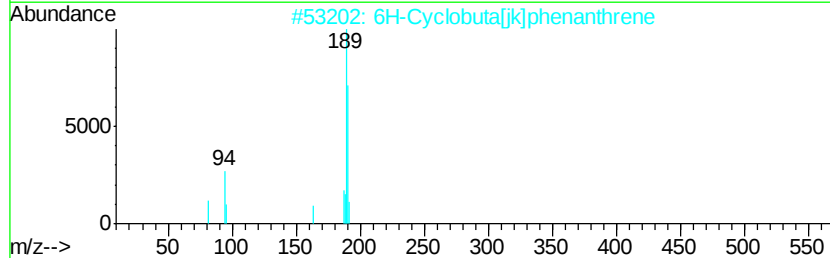
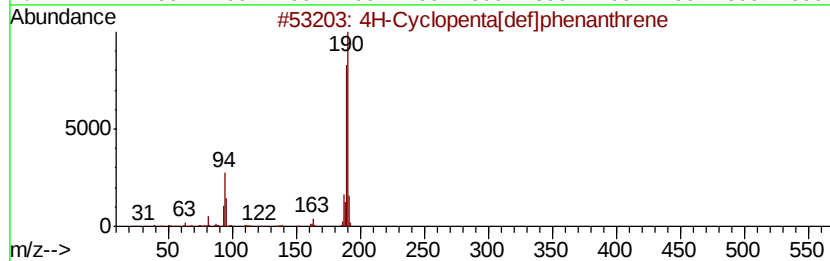
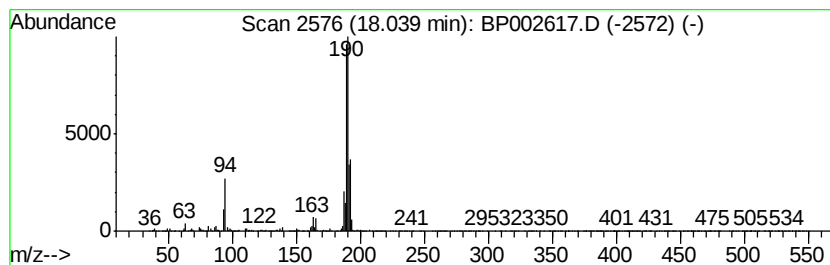
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	3.89 ng	708368	Phenanthrene-d10	16.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2			6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	64
3			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4			Methyl diselenide	190	C2H6Se2	007101-31-7	49
5			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070120\
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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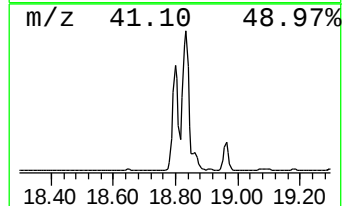
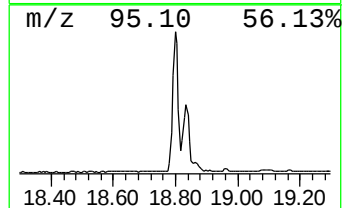
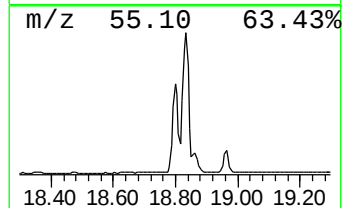
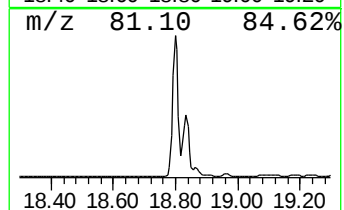
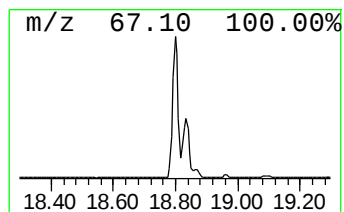
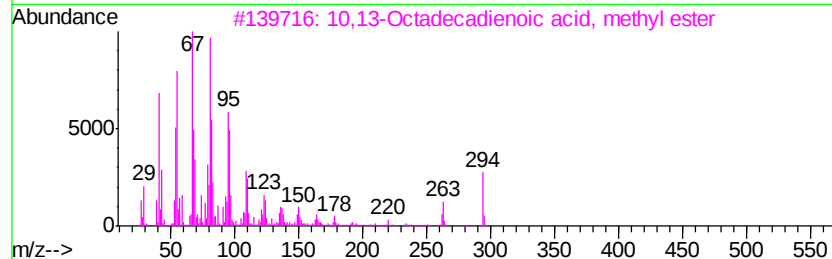
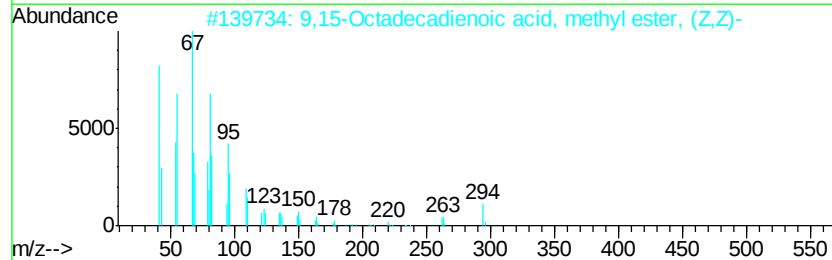
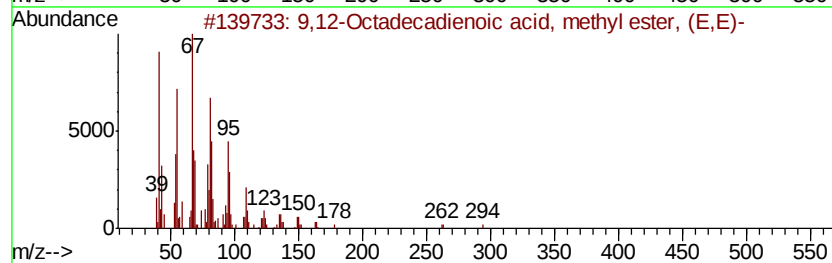
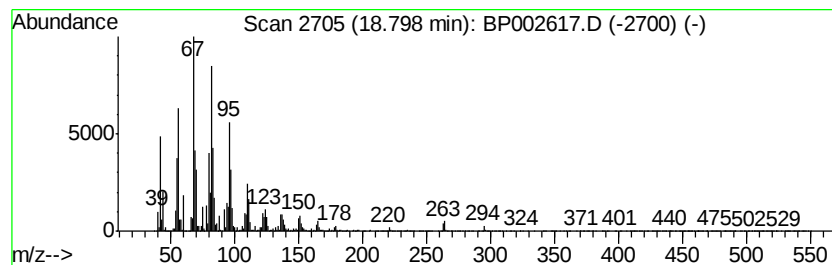
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	42.91 ng	7822640	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
4		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5		Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	98



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070120\
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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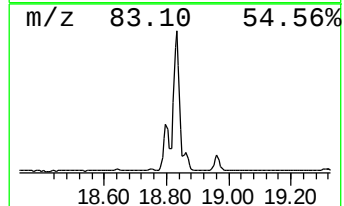
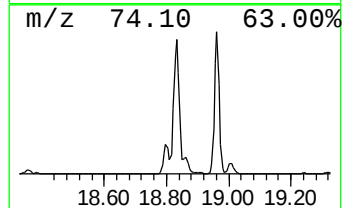
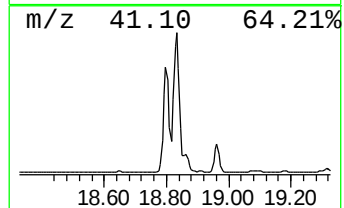
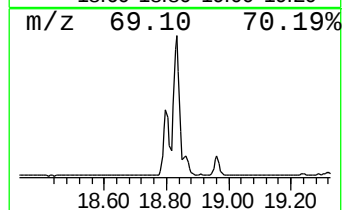
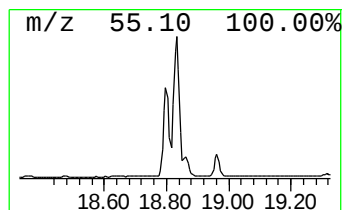
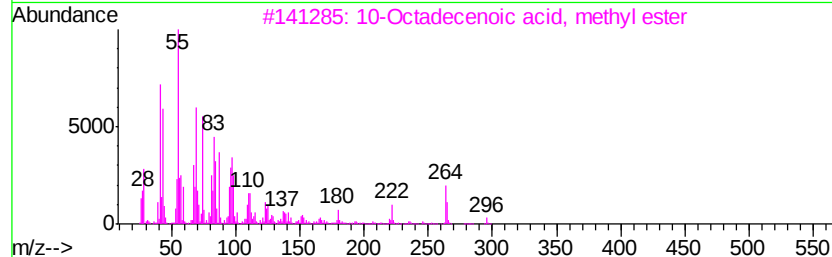
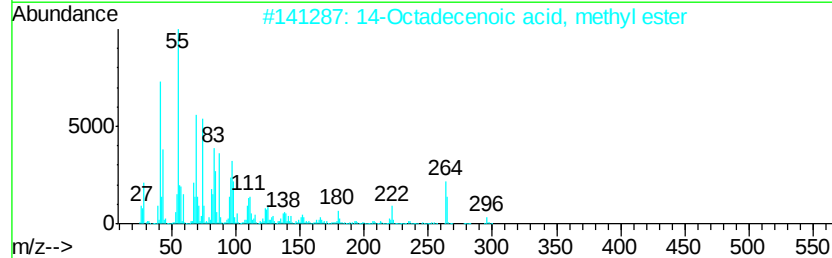
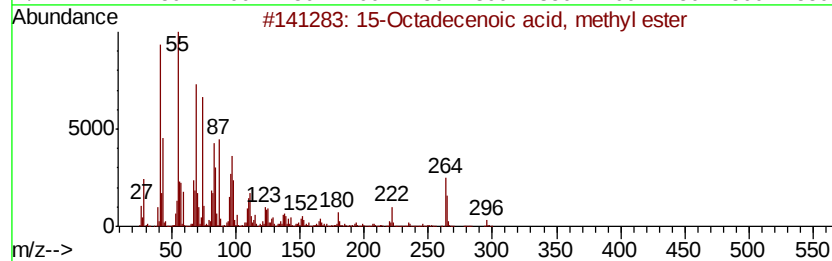
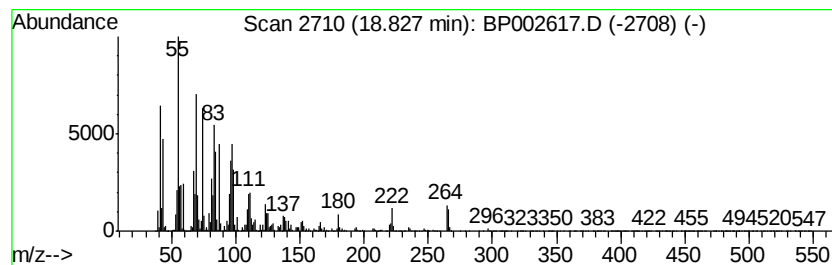
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 15-Octadecenoic acid, methyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	53.19 ng	9695940	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
2		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
3		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
4		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
5		12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070120\
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ALS Vial : 19 Sample Multiplier: 1

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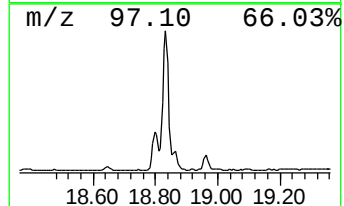
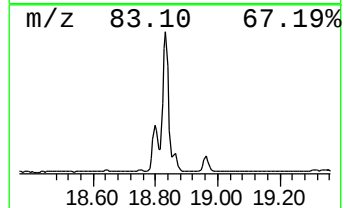
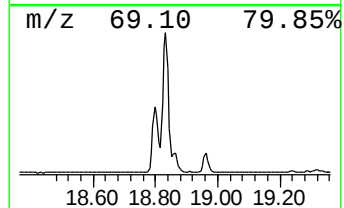
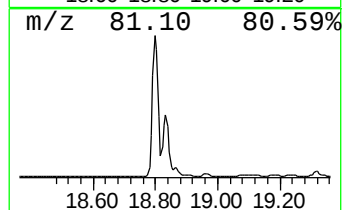
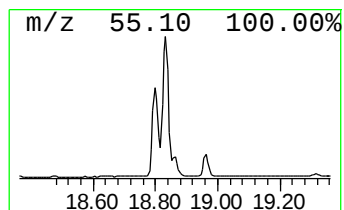
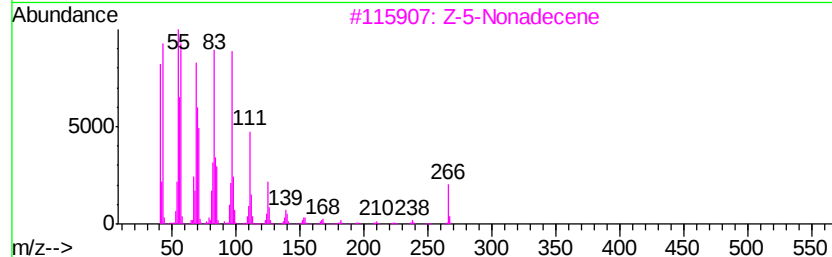
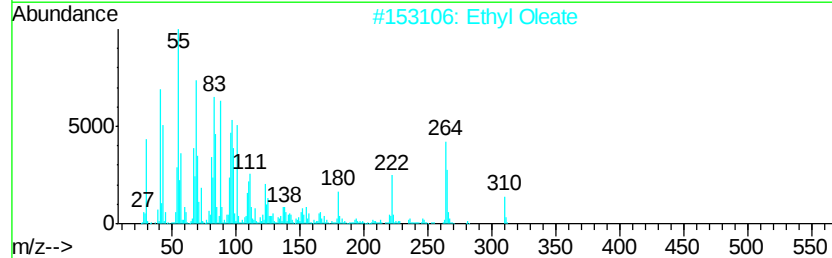
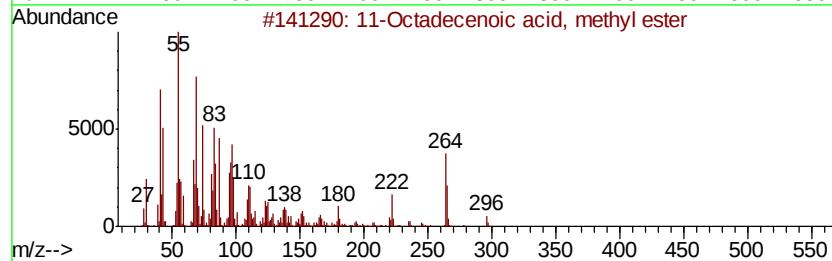
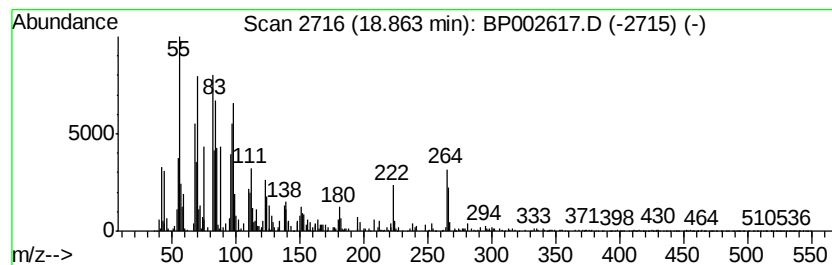
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 11-Octadecenoic acid, methy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	4.14 ng	755109	Phenanthrene-d10	16.98

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	60
2		Ethyl Oleate	310	C20H38O2	000111-62-6	53
3		Z-5-Nonadecene	266	C19H38	1000131-11-8	51
4		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	50
5		n-Propyl 9-octadecenoate	324	C21H40O2	1000336-71-6	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070120\
Data File : BP002617.D
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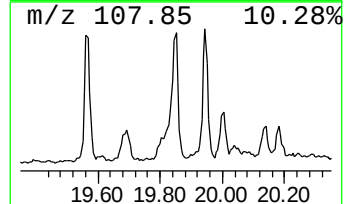
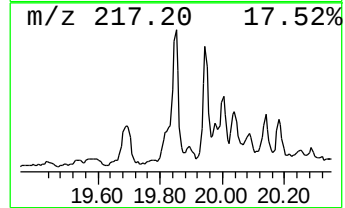
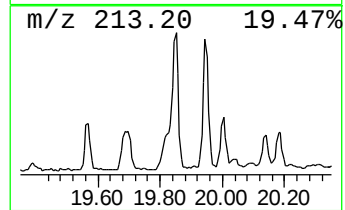
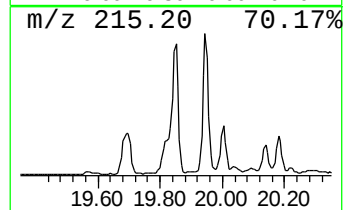
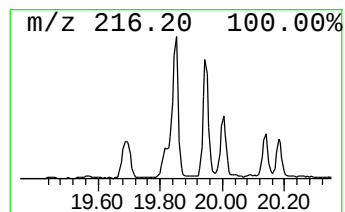
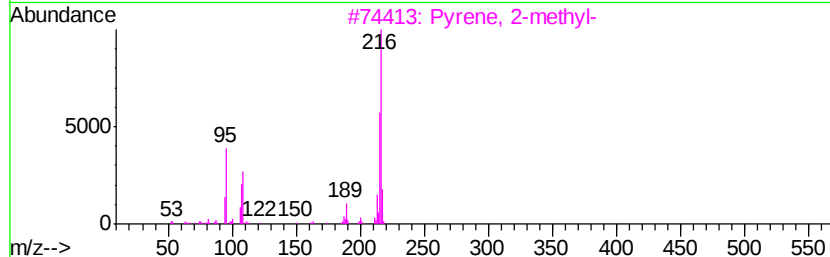
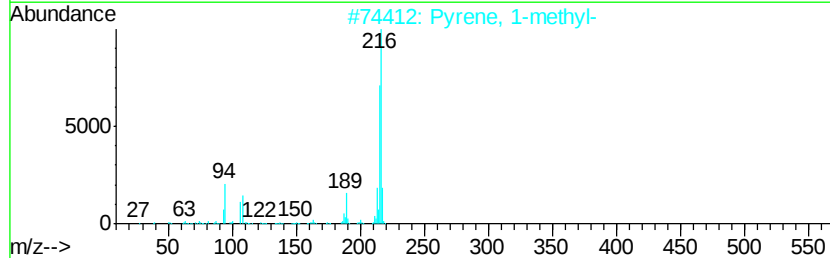
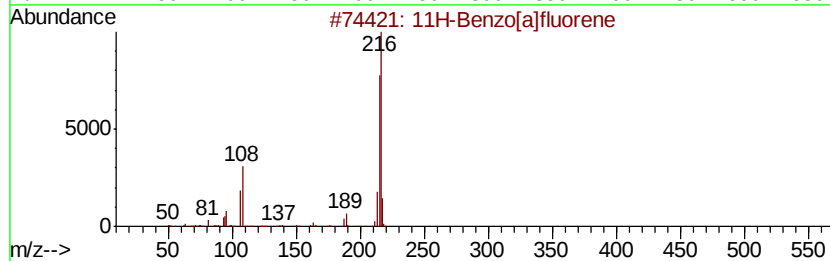
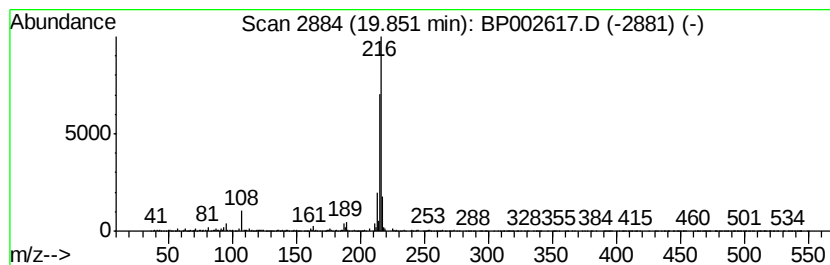
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 11H-Benzo[a]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.85	2.78 ng	665465	Chrysene-d12	21.09		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3		Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87



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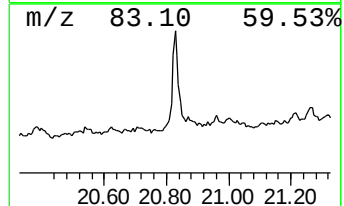
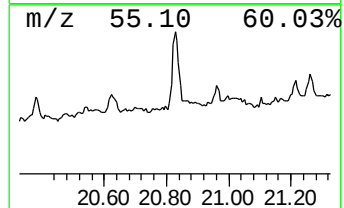
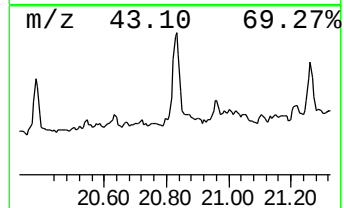
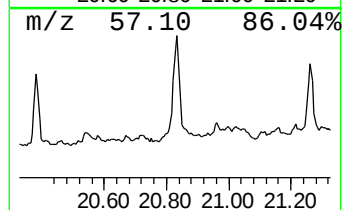
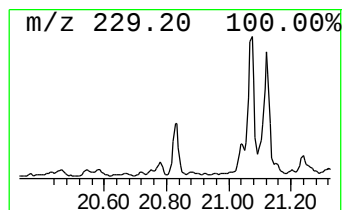
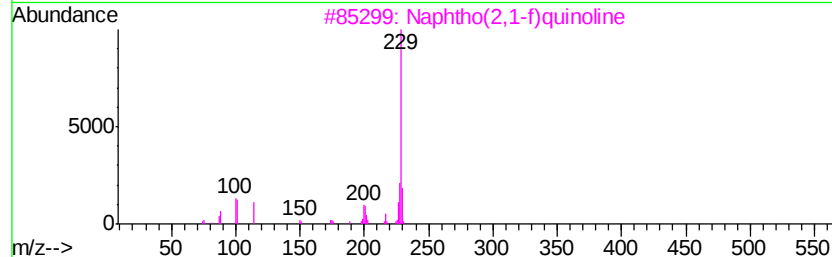
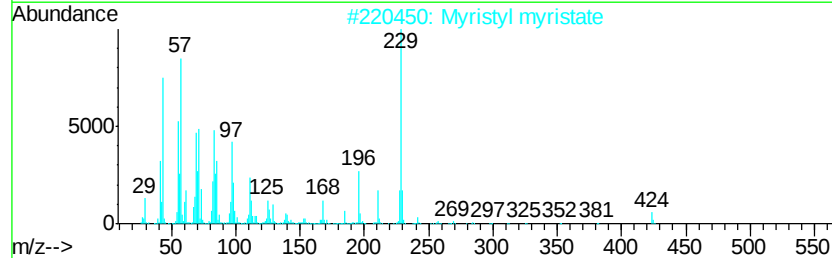
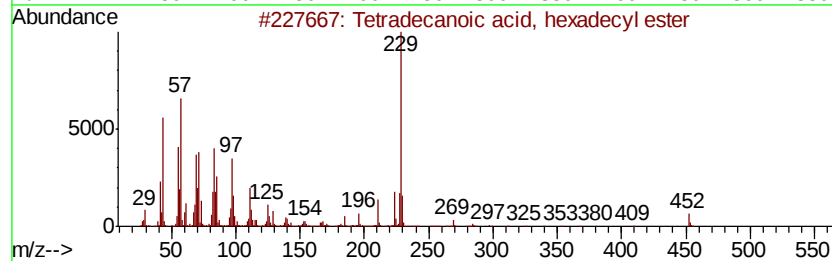
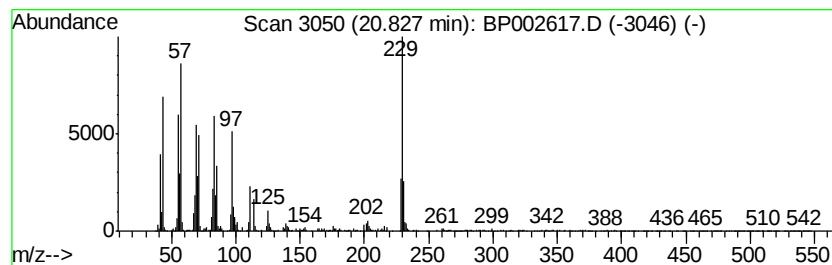
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetradecanoic acid, hexadec... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.83	2.64 ng	631227	Chrysene-d12	21.09		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid, hexadecyl ester	452	C30H60O2	002599-01-1	50
2		Myristyl myristate	424	C28H56O2	003234-85-3	40
3		Naphtho(2,1-f)quinoline	229	C17H11N	000218-08-6	38
4		Benzimidazole-5-amine, 1-methyl-...	229	C12H11N3S	021444-73-5	30
5		Benzo(a)acridine	229	C17H11N	000225-11-6	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070120\
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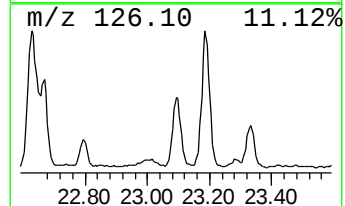
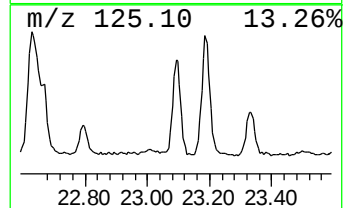
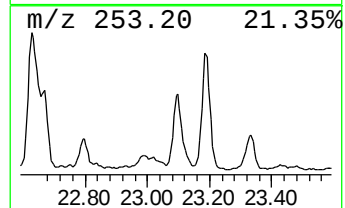
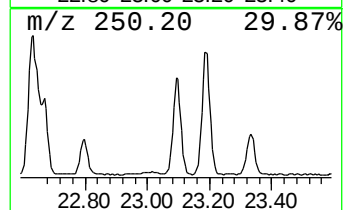
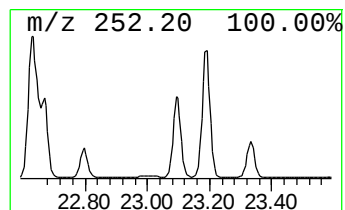
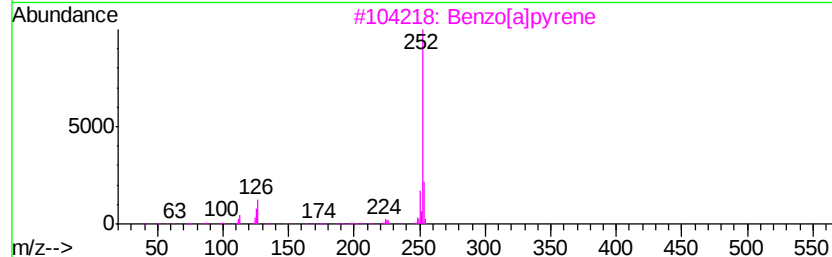
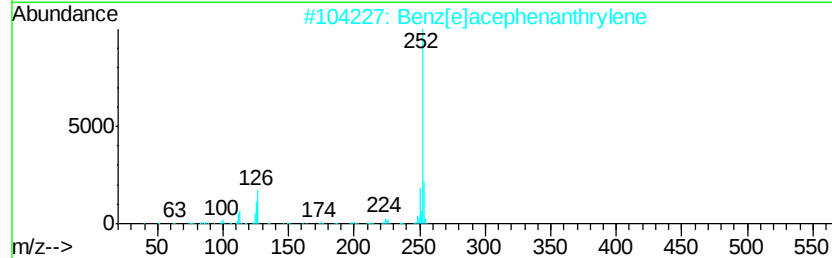
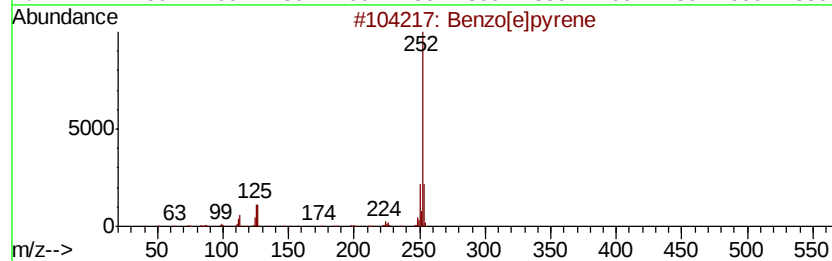
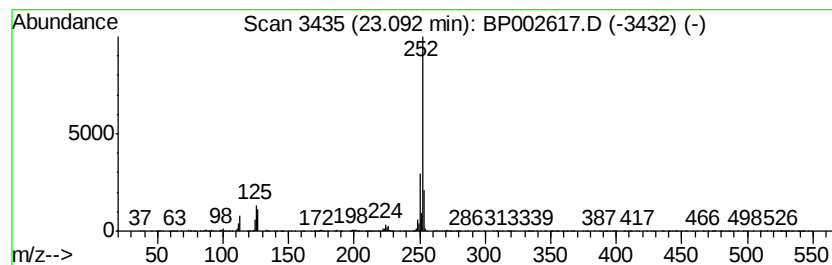
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.09	7.69 ng	892842	Perylene-d12	23.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3		Benzo[a]pyrene	252	C20H12	000050-32-8	93
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP070120\
 Data File : BP002617.D
 Acq On : 01 Jul 2020 22:28
 Operator : CG/JU
 Sample : L2814-14 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PL-02-063020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP062920.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
Hexadecane	16.78	2.2	ng	404789	4	16.98	3645700	20.0
9-Hexadecenoic ac...	17.56	2.0	ng	365889	4	16.98	3645700	20.0
Hexadecanoic acid...	17.69	22.4	ng	4079710	4	16.98	3645700	20.0
Phenanthrene, 2-m...	17.90	2.0	ng	374538	4	16.98	3645700	20.0
4H-Cyclopenta[def...	18.04	3.9	ng	708368	4	16.98	3645700	20.0
9,12-Octadecadien...	18.80	42.9	ng	7822640	4	16.98	3645700	20.0
15-Octadecenoic a...	18.83	53.2	ng	9695940	4	16.98	3645700	20.0
11-Octadecenoic a...	18.86	4.1	ng	755109	4	16.98	3645700	20.0
11H-Benzo[a]fluorene	19.85	2.8	ng	665465	5	21.09	4785190	20.0
Tetradecanoic aci...	20.83	2.6	ng	631227	5	21.09	4785190	20.0
Benzo[e]pyrene	23.09	7.7	ng	892842	6	23.29	2321950	20.0