

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
 Data File : BP019947.D
 Acq On : 29 Feb 2024 20:47
 Operator : MA/JU
 Sample : P1621-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EO-01-022824-A

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_P\Methods\8270E-BP022624.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP019947.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.464	398	404	415	rBV	370821	615215	25.60%	2.204%
2	7.069	667	677	690	rBV	370492	661925	27.54%	2.372%
3	7.893	801	817	824	rBV	259710	448550	18.66%	1.607%
4	8.428	895	908	913	rBV3	23832	57146	2.38%	0.205%
5	8.987	993	1003	1008	rBV4	13781	29367	1.22%	0.105%
6	9.063	1009	1016	1022	rBV	244268	448398	18.66%	1.607%
7	9.240	1040	1046	1053	rVB10	11138	24878	1.04%	0.089%
8	10.087	1185	1190	1199	rBV6	14389	36803	1.53%	0.132%
9	10.693	1281	1293	1299	rBV	348821	693866	28.87%	2.486%
10	10.746	1299	1302	1308	rVB2	38395	63822	2.66%	0.229%
11	11.157	1369	1372	1378	rVB6	17075	30473	1.27%	0.109%
12	11.610	1443	1449	1456	rBV6	22161	47215	1.96%	0.169%
13	11.710	1462	1466	1470	rBV2	21288	35553	1.48%	0.127%
14	11.881	1490	1495	1503	rBV4	31710	63970	2.66%	0.229%
15	12.110	1525	1534	1539	rBV3	71499	129650	5.39%	0.465%
16	12.246	1553	1557	1563	rVB7	21822	36985	1.54%	0.133%
17	12.357	1572	1576	1583	rVB	49384	84817	3.53%	0.304%
18	12.581	1605	1614	1616	rBV	53488	97811	4.07%	0.350%
19	12.746	1636	1642	1646	rBV8	14486	27254	1.13%	0.098%
20	13.016	1683	1688	1691	rBV3	21187	34501	1.44%	0.124%
21	13.069	1692	1697	1703	rVV2	34598	66315	2.76%	0.238%
22	13.163	1707	1713	1722	rVV	680607	1074953	44.73%	3.851%
23	13.357	1741	1746	1753	rVB2	95405	160038	6.66%	0.573%
24	13.445	1753	1761	1762	rBV7	16551	32579	1.36%	0.117%
25	13.475	1763	1766	1770	rVV3	24737	42416	1.76%	0.152%
26	13.522	1771	1774	1778	rVB5	17024	24285	1.01%	0.087%
27	13.698	1799	1804	1806	rBV4	44473	65815	2.74%	0.236%
28	13.857	1826	1831	1836	rBV	60758	113553	4.72%	0.407%
29	13.910	1836	1840	1849	rVB3	48392	96281	4.01%	0.345%
30	14.010	1850	1857	1861	rBV2	50511	106321	4.42%	0.381%
31	14.057	1861	1865	1868	rBV5	22559	30814	1.28%	0.110%
32	14.263	1895	1900	1907	rBV	106088	174748	7.27%	0.626%
33	14.434	1924	1929	1934	rBV	131588	177604	7.39%	0.636%
34	14.540	1937	1947	1952	rVV	600933	972295	40.45%	3.484%
35	14.598	1953	1957	1965	rVB	76401	126875	5.28%	0.455%
36	14.757	1978	1984	1991	rVB5	32496	78627	3.27%	0.282%

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Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

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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_P\Methods\8270E-BP022624.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.940	2011	2015	2022	rVB	87754	131760	5.48%	0.472%
38	15.016	2025	2028	2031	rVV	33298	42093	1.75%	0.151%
39	15.057	2031	2035	2039	rVB3	30538	41135	1.71%	0.147%
40	15.157	2044	2052	2056	rBV4	40475	97425	4.05%	0.349%
41	15.322	2075	2080	2084	rBV6	19217	39598	1.65%	0.142%
42	15.392	2085	2092	2103	rVB3	142908	240438	10.00%	0.861%
43	15.592	2120	2126	2131	rBV	119188	200775	8.35%	0.719%
44	15.716	2144	2147	2150	rVB2	21819	24999	1.04%	0.090%
45	15.751	2150	2153	2156	rBV5	17466	26171	1.09%	0.094%
46	15.798	2157	2161	2166	rVB2	66998	102731	4.27%	0.368%
47	15.887	2173	2176	2183	rVB5	40136	66641	2.77%	0.239%
48	16.034	2193	2201	2209	rBV	719561	1172862	48.80%	4.202%
49	16.263	2235	2240	2254	rVB2	180167	387067	16.10%	1.387%
50	16.598	2295	2297	2301	rVB4	40484	51166	2.13%	0.183%
51	16.957	2354	2358	2364	rVB2	42076	72078	3.00%	0.258%
52	17.057	2372	2375	2380	rVB	141425	173866	7.23%	0.623%
53	17.116	2380	2385	2393	rVB2	123383	234061	9.74%	0.839%
54	17.304	2411	2417	2420	rBV	814314	1230026	51.18%	4.407%
55	17.345	2420	2424	2431	rVV	775663	1099451	45.75%	3.939%
56	17.434	2435	2439	2444	rVB	259287	358432	14.91%	1.284%
57	17.498	2446	2450	2454	rVB3	36098	63486	2.64%	0.227%
58	17.716	2483	2487	2496	rVB2	64525	104930	4.37%	0.376%
59	17.804	2498	2502	2509	rVV2	145839	215273	8.96%	0.771%
60	17.881	2512	2515	2524	rVB2	57240	107204	4.46%	0.384%
61	18.175	2560	2565	2566	rBV	158656	222179	9.24%	0.796%
62	18.198	2566	2569	2579	rVB2	309805	711070	29.59%	2.548%
63	18.298	2582	2586	2591	rVV	97905	139166	5.79%	0.499%
64	18.357	2591	2596	2600	rVV2	248928	459084	19.10%	1.645%
65	18.392	2600	2602	2609	rVB2	132640	159920	6.65%	0.573%
66	18.481	2613	2617	2621	rBV	154818	200819	8.36%	0.719%
67	18.657	2643	2647	2652	rBV	105976	144011	5.99%	0.516%
68	18.710	2652	2656	2660	rVB4	74094	103674	4.31%	0.371%
69	18.939	2693	2695	2699	rVB	75310	85358	3.55%	0.306%
70	18.980	2699	2702	2706	rVB2	69666	97352	4.05%	0.349%
71	19.063	2711	2716	2718	rBV	180770	277811	11.56%	0.995%
72	19.092	2718	2721	2724	rBV3	117033	146297	6.09%	0.524%
73	19.204	2736	2740	2744	rBV3	80586	136614	5.68%	0.489%
74	19.316	2752	2759	2766	rBV	1577626	2399428	99.83%	8.597%
75	19.669	2810	2819	2828	rBV	1353546	2403431	100.00%	8.611%
76	19.745	2829	2832	2837	rVB	123183	178285	7.42%	0.639%

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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_P\Methods\8270E-BP022624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	19.869	2849	2853	2857	rBV	1489768	1759173	73.19%	6.303%
78	20.627	2978	2982	2986	rBV	1402764	1674382	69.67%	5.999%
79	21.122	3064	3066	3074	rVB3	196150	248329	10.33%	0.890%
80	21.404	3108	3114	3118	rBV2	1182970	2291692	95.35%	8.211%
81	21.445	3118	3121	3130	rVB	563327	777815	32.36%	2.787%

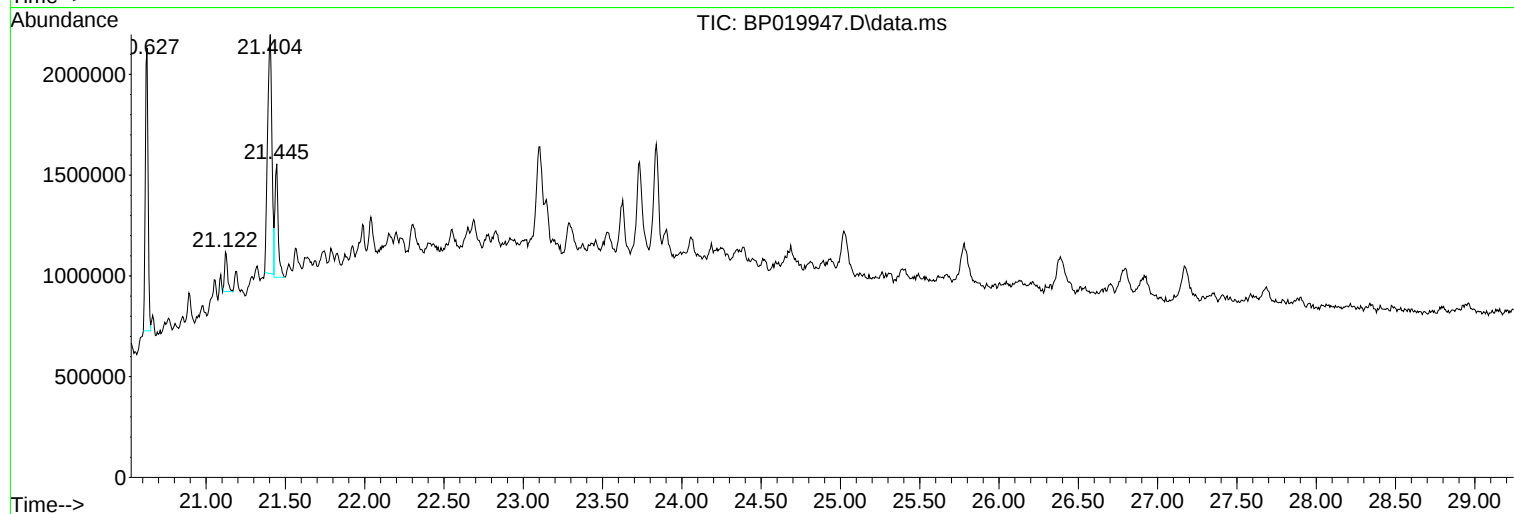
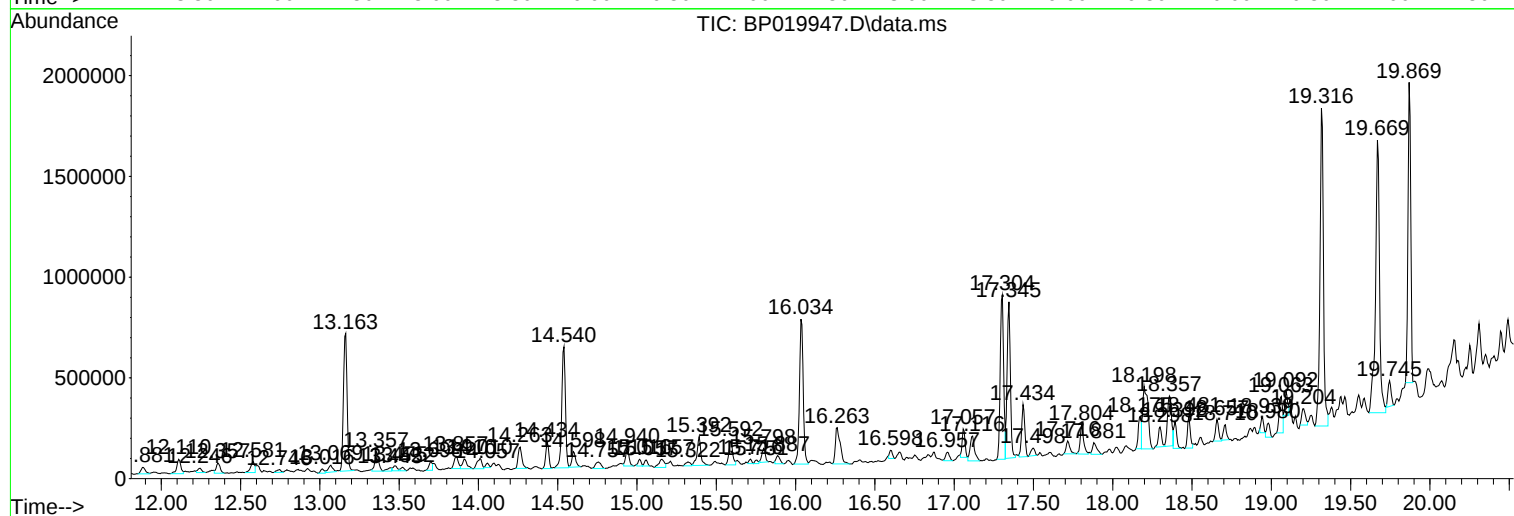
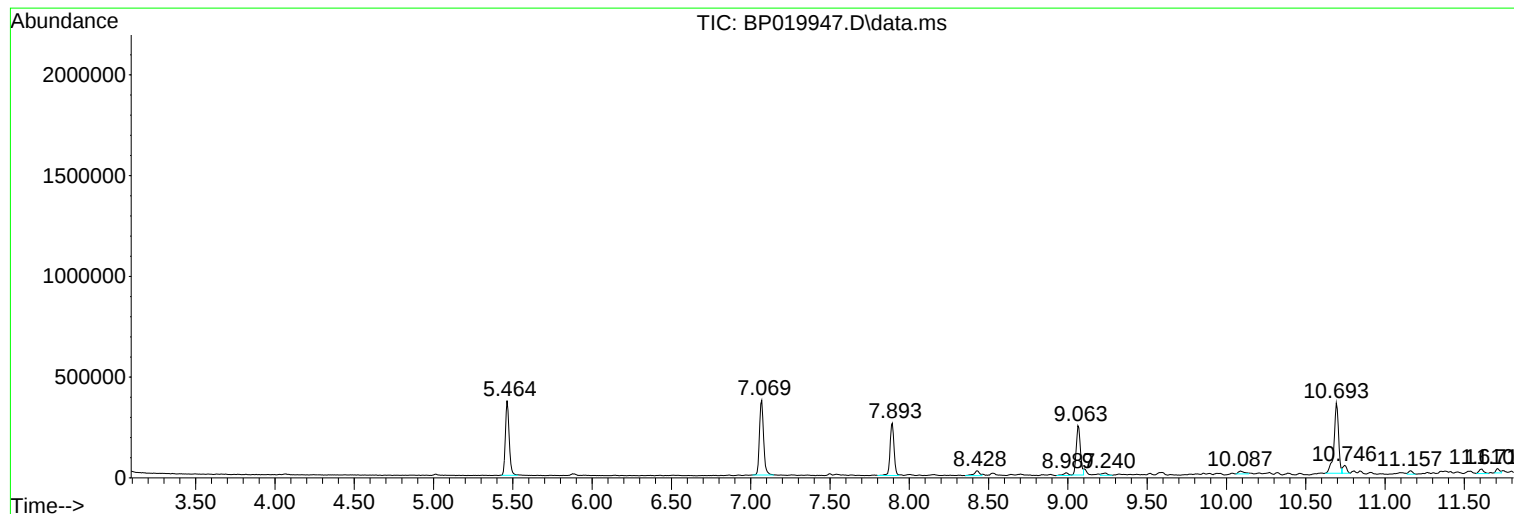
Sum of corrected areas: 27911276

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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Instrument :
BNA_P
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EO-01-022824-A

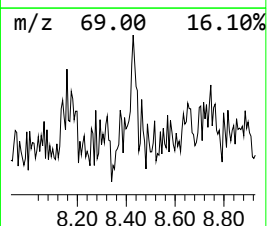
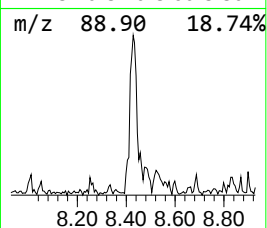
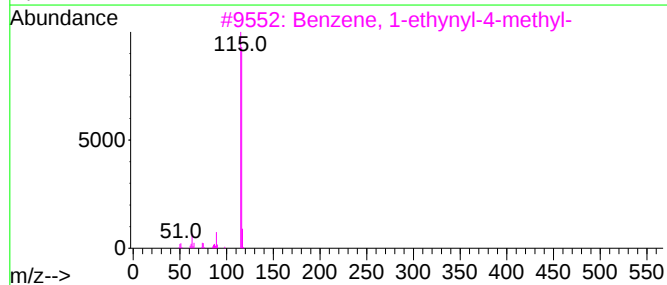
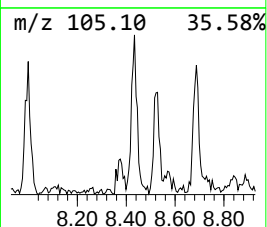
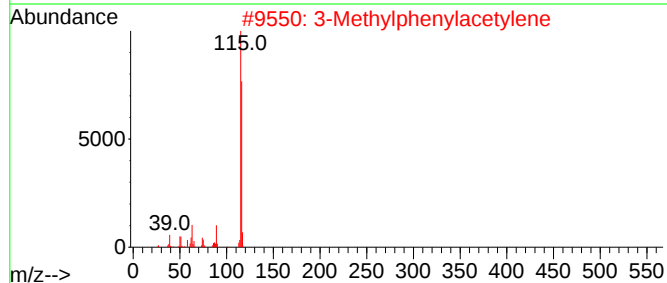
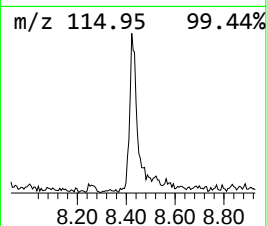
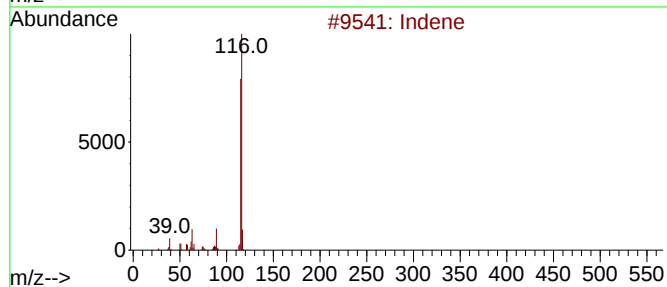
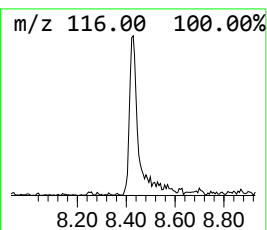
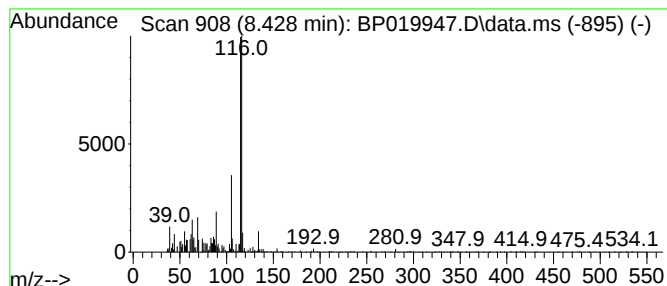
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Indene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.428	2.55 ng	57146	1,4-Dichlorobenzene-d4	7.893

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indene	116	C9H8	000095-13-6	93
2			3-Methylphenylacetylene	116	C9H8	000766-82-5	81
3			Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	81
4			Benzene, 1-propynyl-	116	C9H8	000673-32-5	74
5			Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	72



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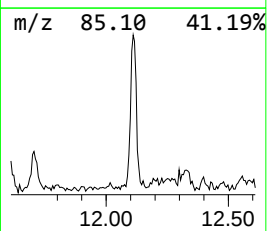
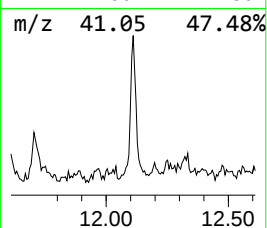
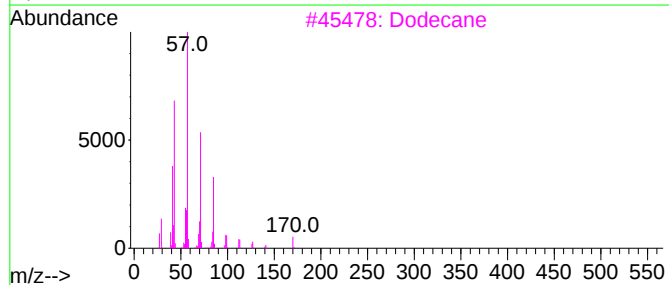
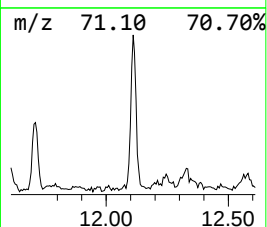
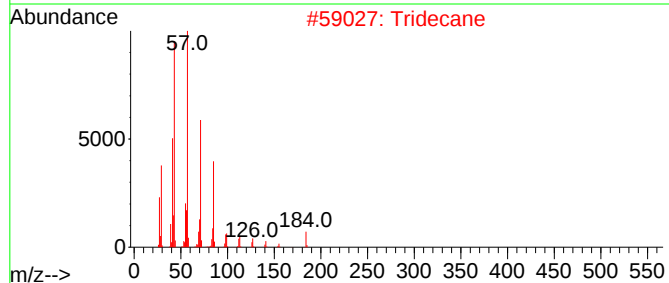
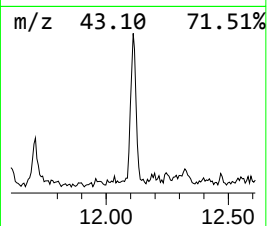
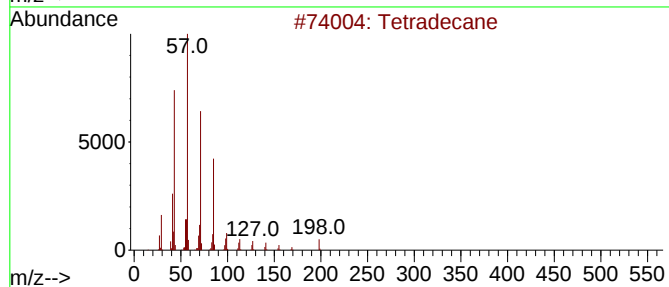
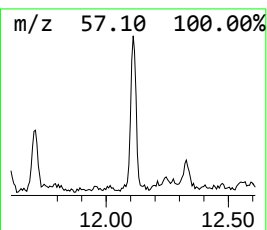
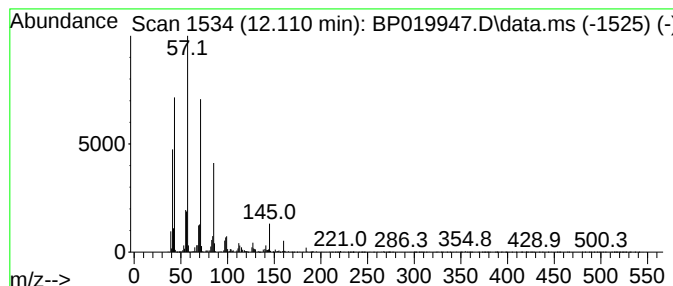
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.110	3.74 ng	129650	Naphthalene-d8	10.693

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	80
2		Tridecane	184	C13H28	000629-50-5	80
3		Dodecane	170	C12H26	000112-40-3	80
4		Heptadecane	240	C17H36	000629-78-7	74
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	74



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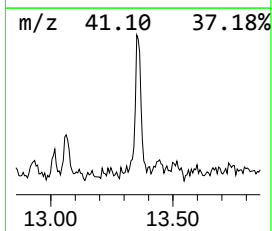
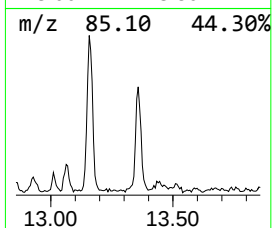
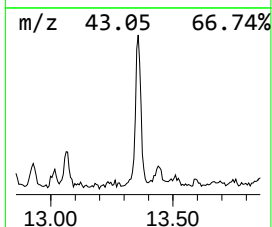
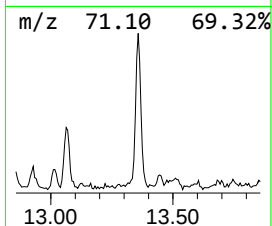
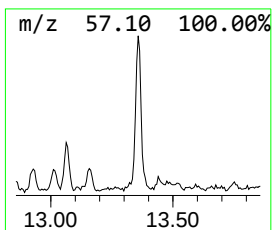
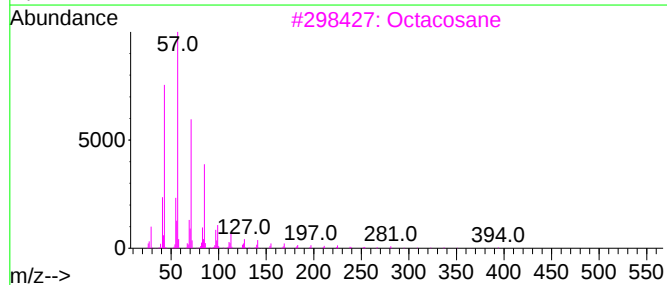
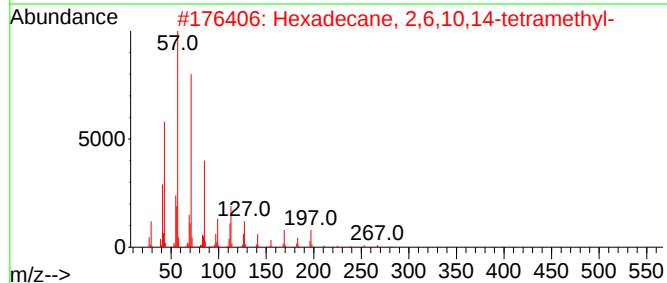
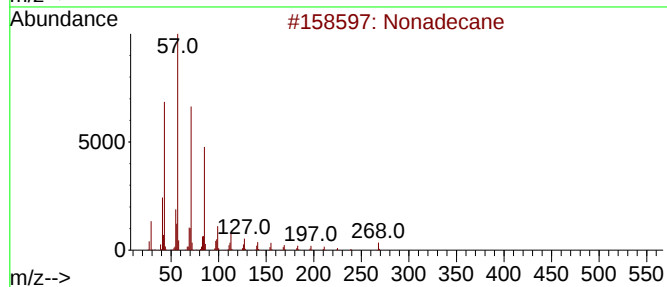
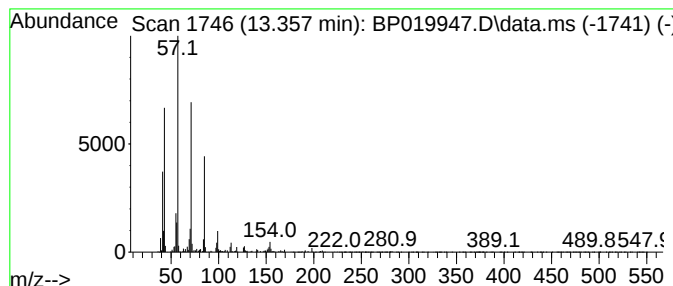
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Nonadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.357	3.29 ng	160038	Acenaphthene-d10	14.540

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	86
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
3			Octacosane	394	C28H58	000630-02-4	78
4			Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	72
5			Hexadecane	226	C16H34	000544-76-3	72



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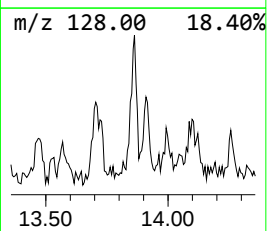
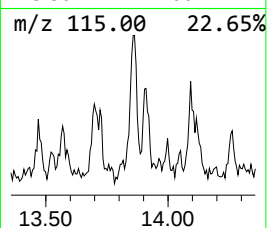
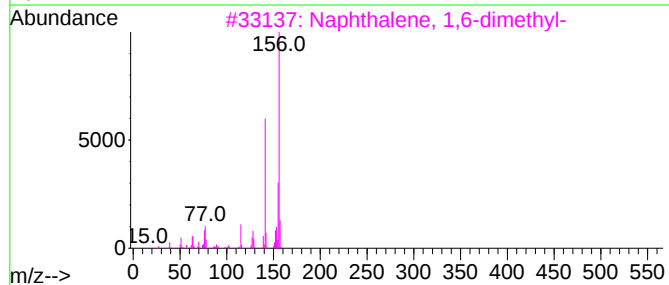
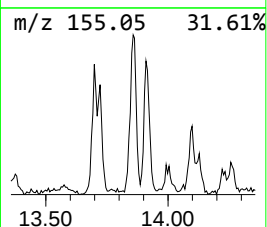
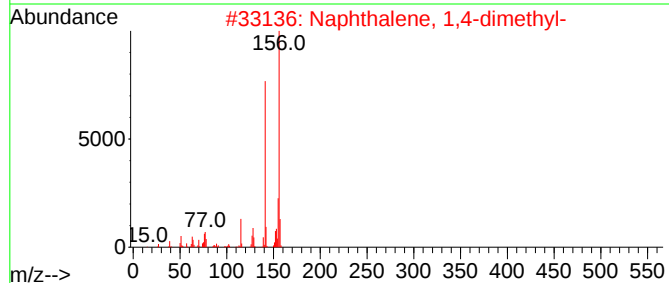
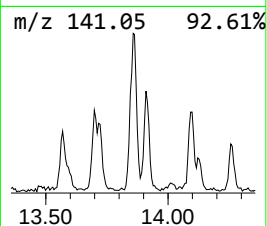
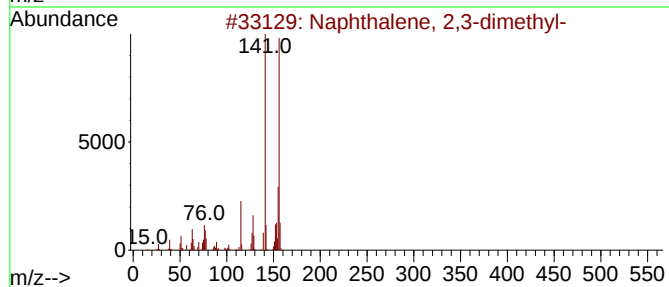
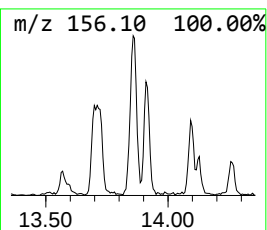
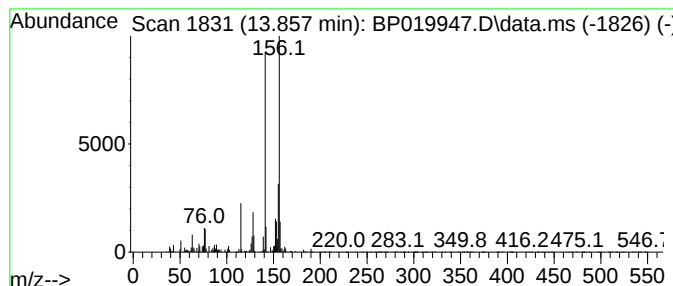
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.857	2.34 ng	113553	Acenaphthene-d10	14.540

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019947.D
Acq On : 29 Feb 2024 20:47
Operator : MA/JU
Sample : P1621-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-01-022824-A

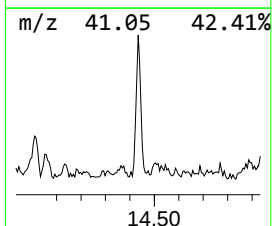
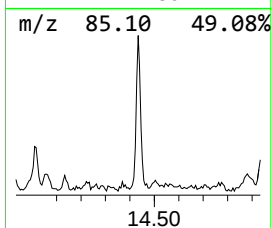
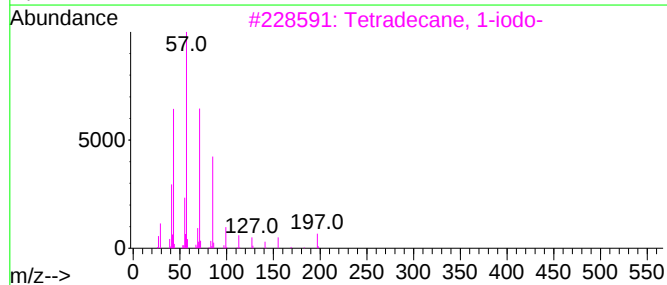
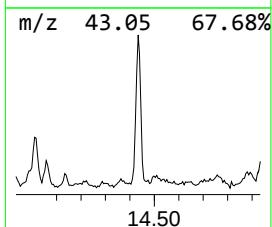
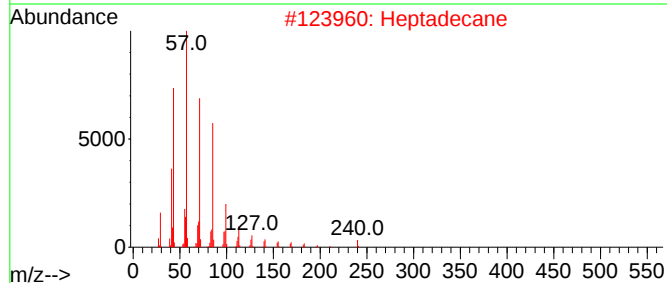
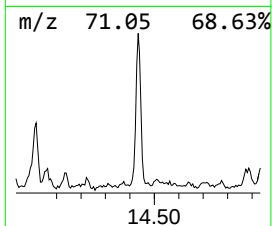
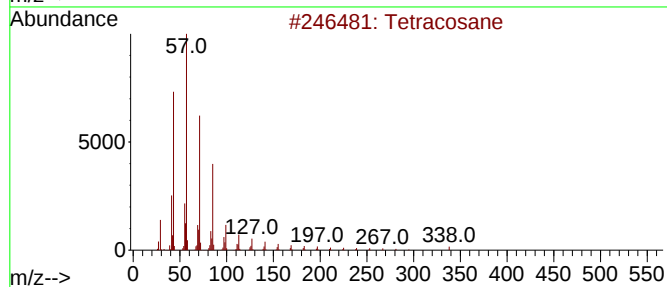
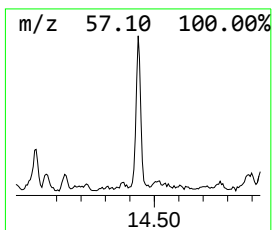
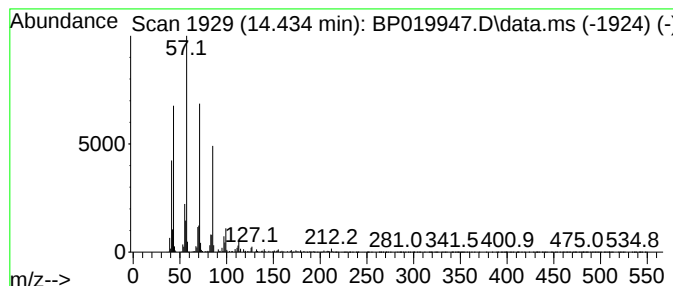
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Tetracosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.434	3.65 ng	177604	Acenaphthene-d10	14.540

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	90
2			Heptadecane	240	C17H36	000629-78-7	90
3			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
4			10-Methylnonadecane	282	C20H42	056862-62-5	86
5			Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019947.D
Acq On : 29 Feb 2024 20:47
Operator : MA/JU
Sample : P1621-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-01-022824-A

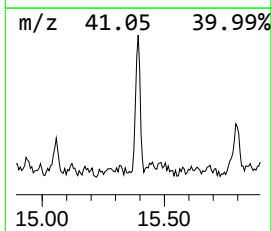
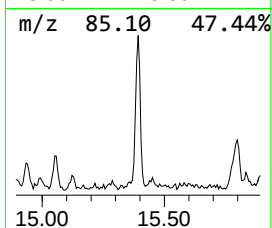
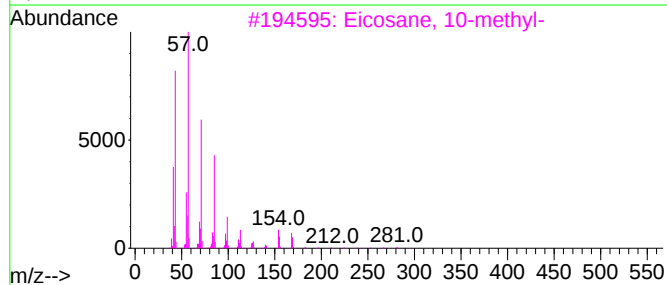
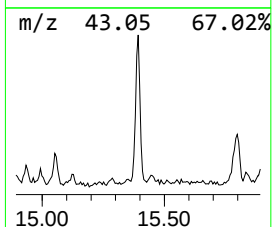
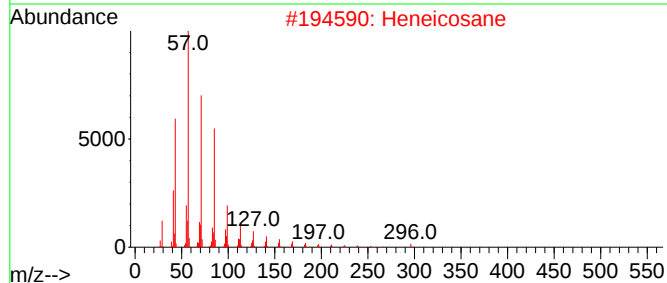
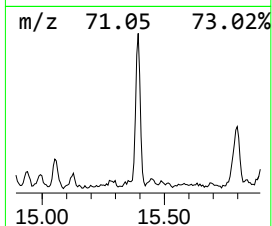
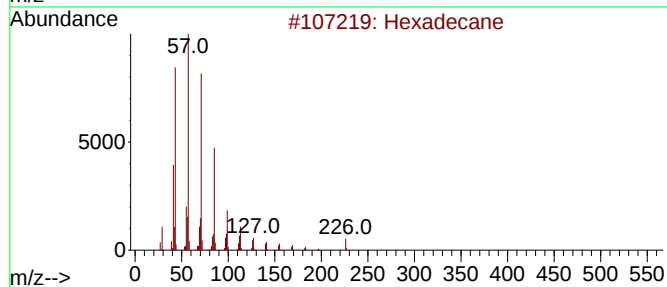
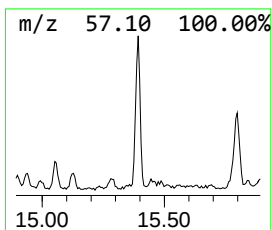
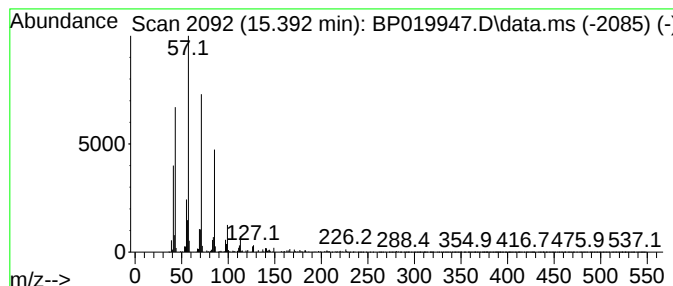
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.393	4.95 ng	240438	Acenaphthene-d10	14.540

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	95
2			Heneicosane	296	C21H44	000629-94-7	90
3			Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4			Heptadecane	240	C17H36	000629-78-7	90
5			Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019947.D
Acq On : 29 Feb 2024 20:47
Operator : MA/JU
Sample : P1621-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-01-022824-A

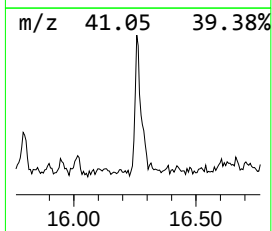
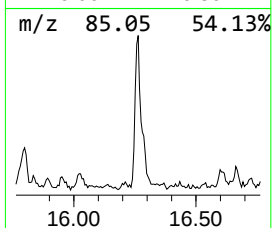
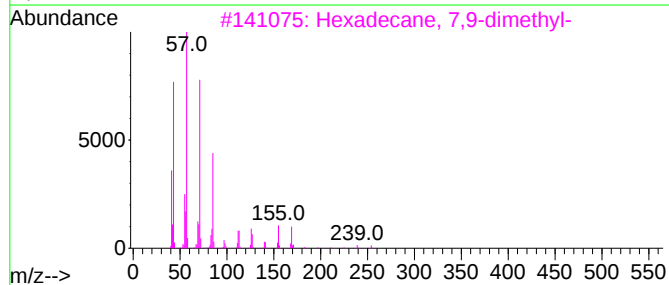
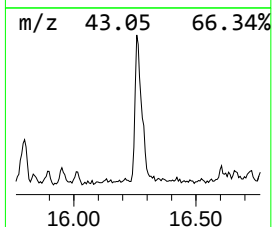
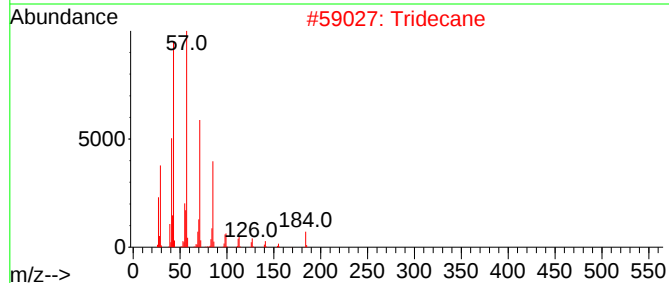
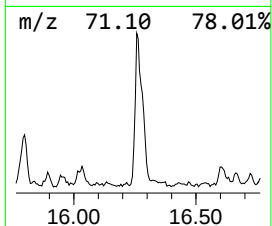
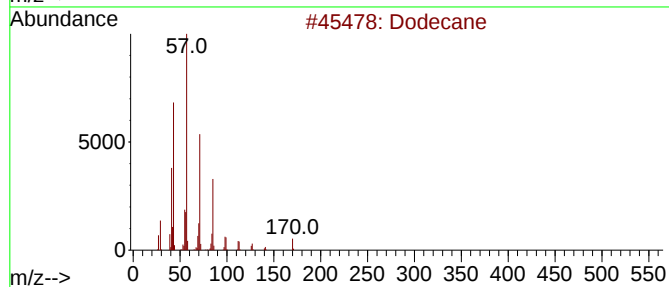
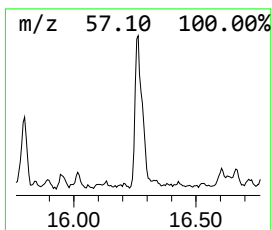
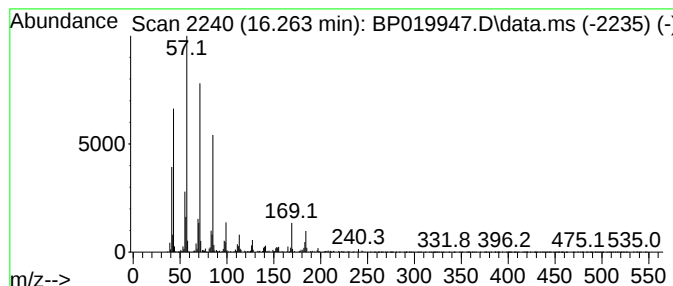
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.263	6.29 ng	387067	Phenanthrene-d10	17.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	87
2			Tridecane	184	C13H28	000629-50-5	87
3			Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	83
4			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
5			Nonadecane	268	C19H40	000629-92-5	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019947.D
Acq On : 29 Feb 2024 20:47
Operator : MA/JU
Sample : P1621-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-01-022824-A

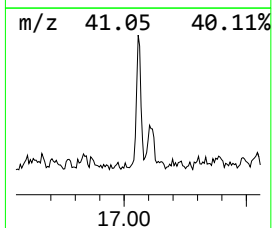
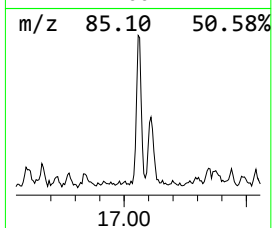
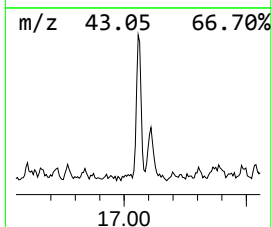
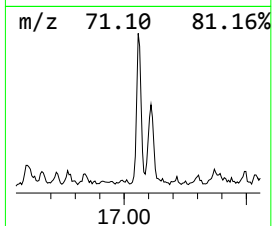
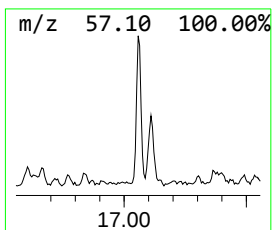
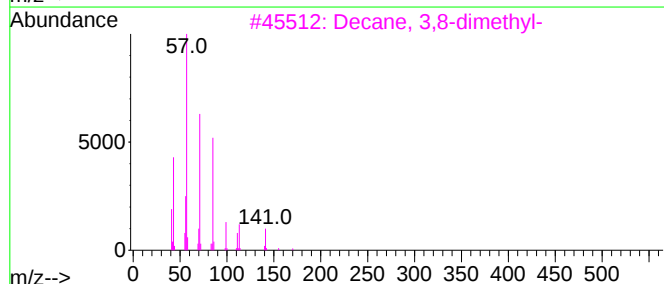
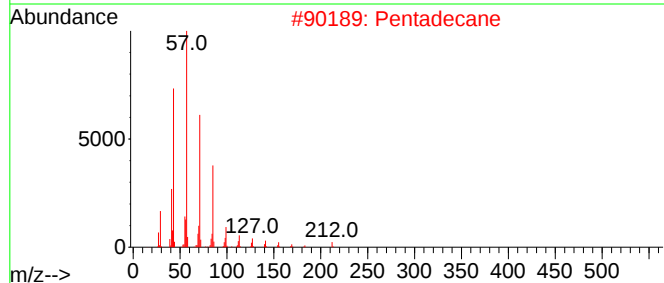
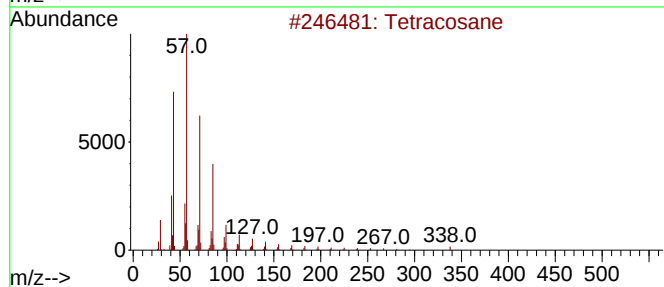
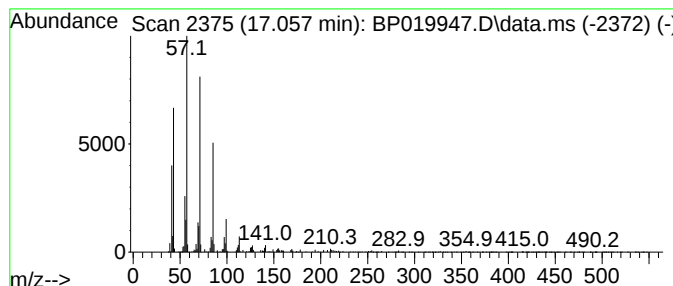
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Pentadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.057	2.83 ng	173866	Phenanthrene-d10	17.304

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	90
2		Pentadecane	212	C15H32	000629-62-9	86
3		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	80
4		Heptacosane	380	C27H56	000593-49-7	80
5		Undecane, 3-methyl-	170	C12H26	001002-43-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019947.D
Acq On : 29 Feb 2024 20:47
Operator : MA/JU
Sample : P1621-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-01-022824-A

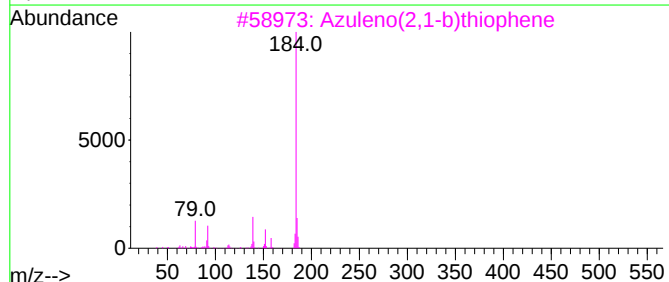
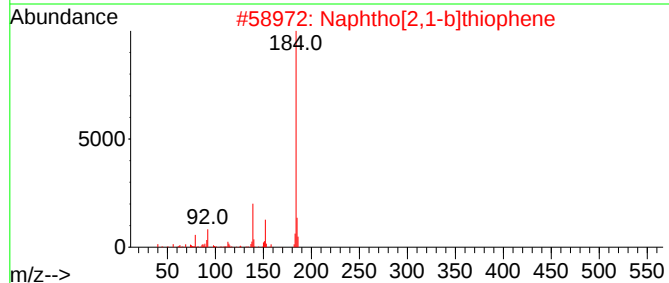
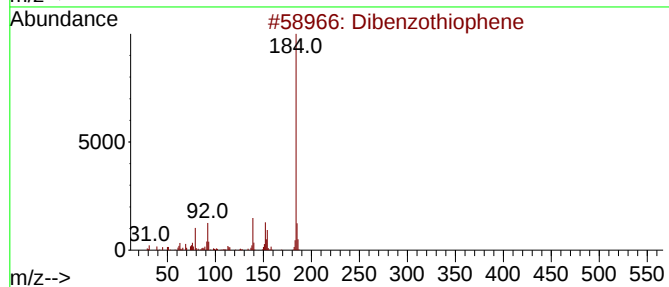
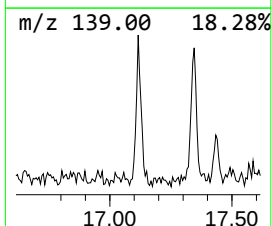
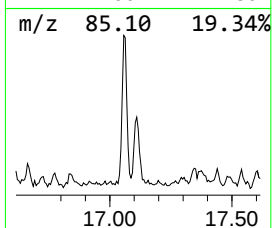
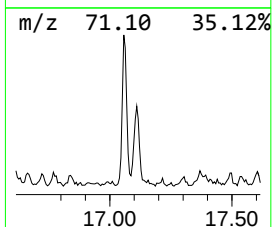
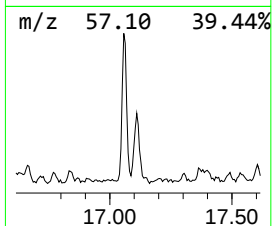
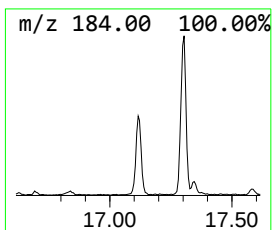
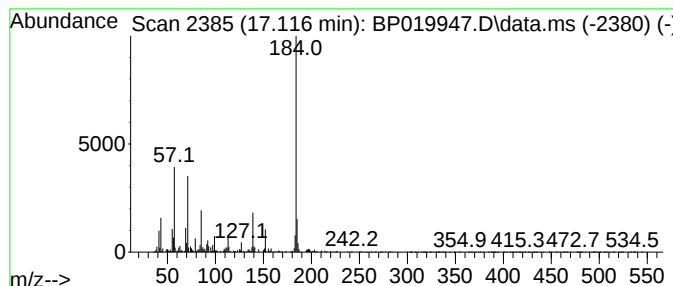
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Dibenzothiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.116	3.81 ng	234061	Phenanthrene-d10	17.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	70
2			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	70
3			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	62
4			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	62
5			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019947.D
Acq On : 29 Feb 2024 20:47
Operator : MA/JU
Sample : P1621-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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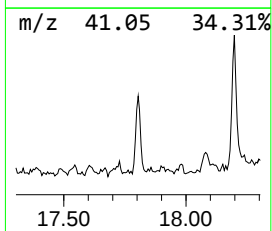
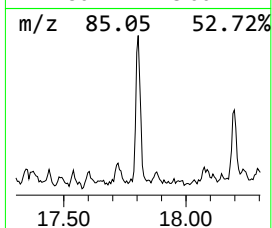
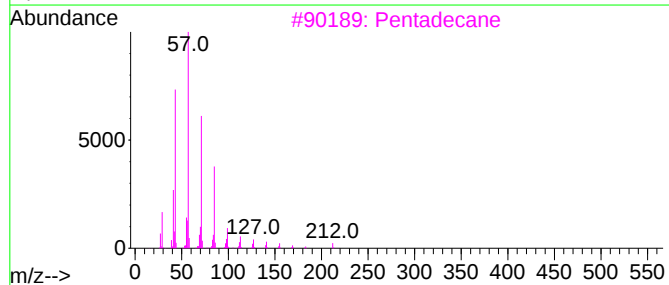
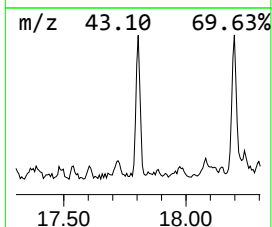
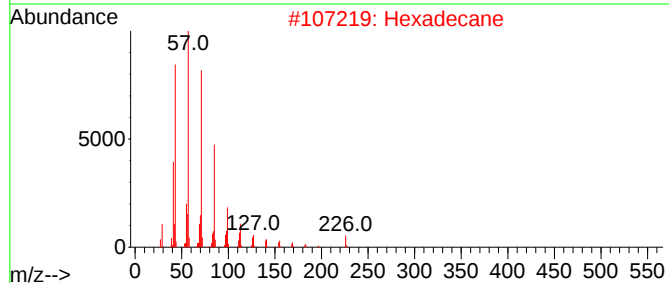
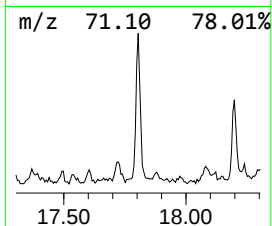
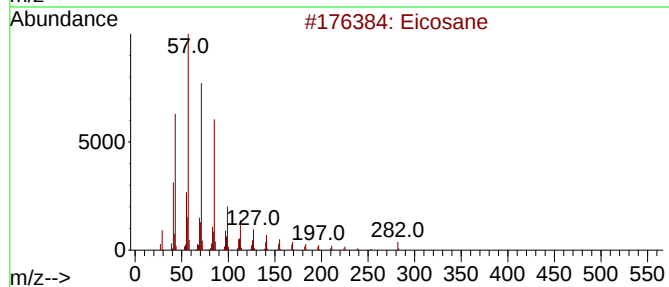
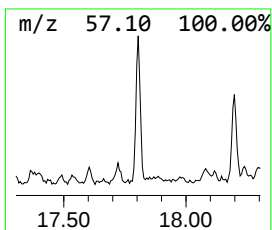
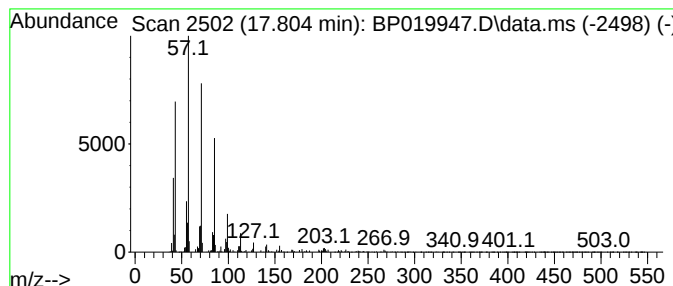
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.804	3.50 ng	215273	Phenanthrene-d10	17.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	95
2			Hexadecane	226	C16H34	000544-76-3	94
3			Pentadecane	212	C15H32	000629-62-9	91
4			Nonadecane	268	C19H40	000629-92-5	90
5			Decane, 5-propyl-	184	C13H28	017312-62-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019947.D
Acq On : 29 Feb 2024 20:47
Operator : MA/JU
Sample : P1621-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-01-022824-A

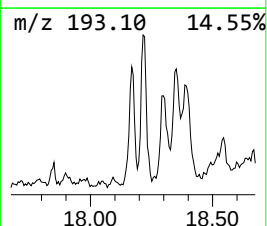
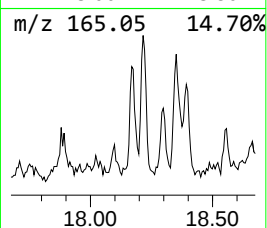
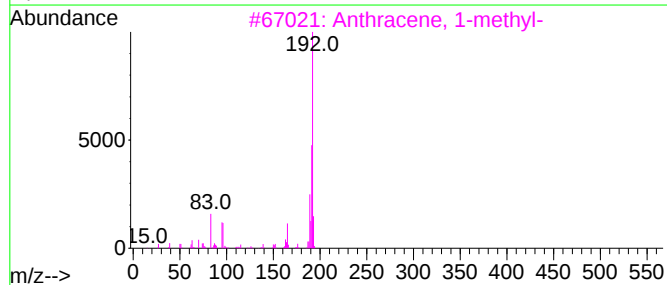
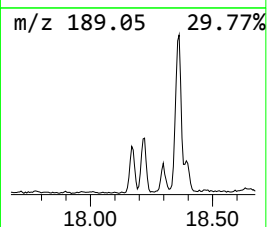
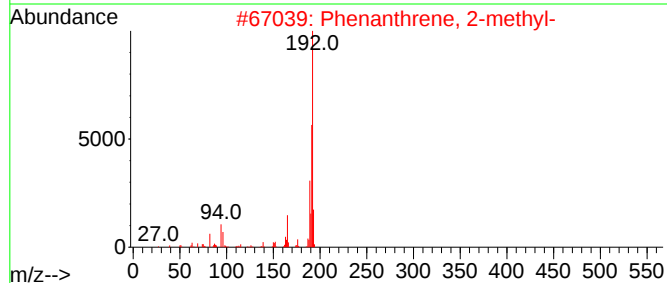
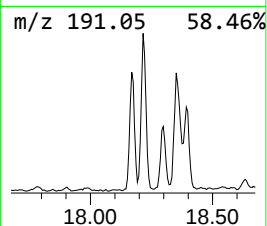
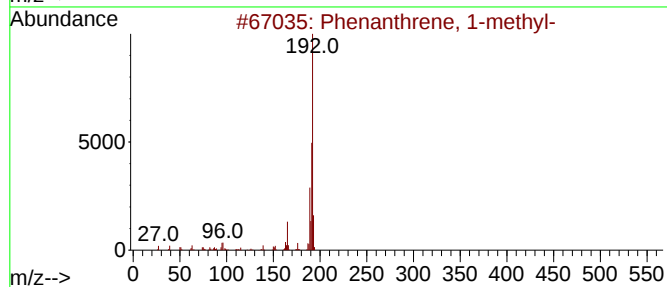
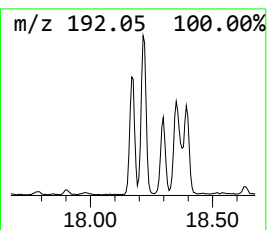
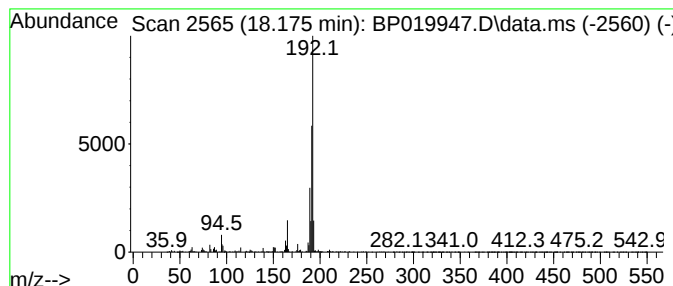
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.175	3.61 ng	222179	Phenanthrene-d10	17.304

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019947.D
Acq On : 29 Feb 2024 20:47
Operator : MA/JU
Sample : P1621-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

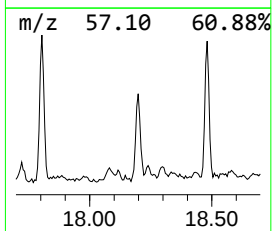
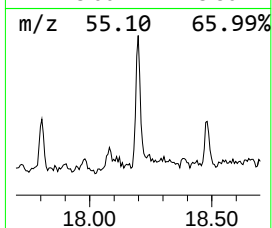
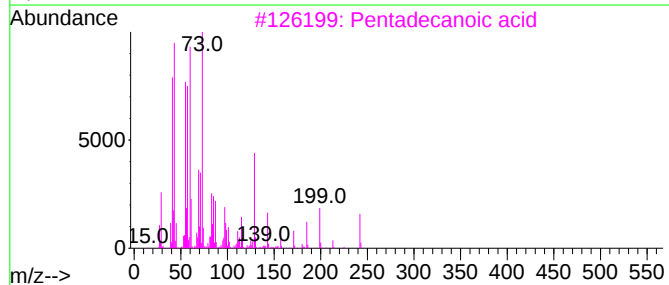
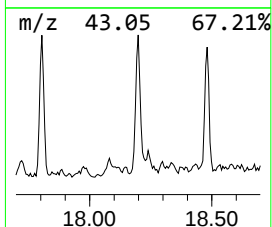
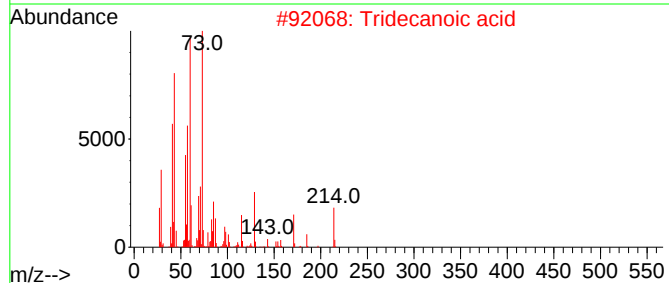
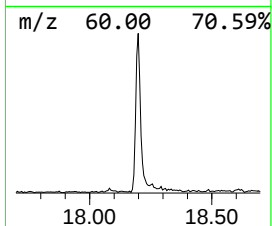
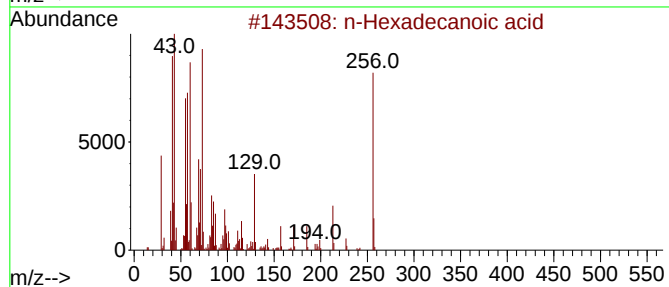
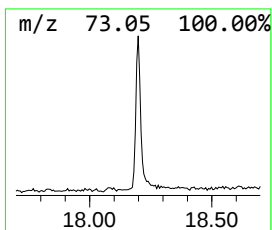
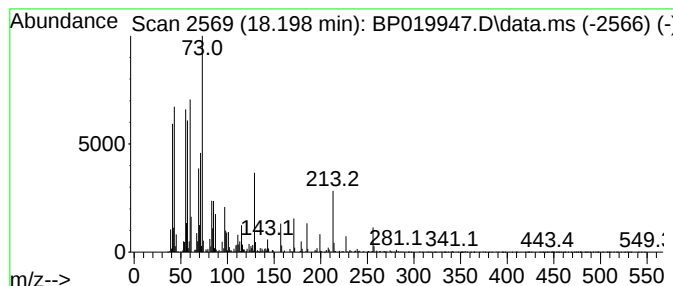
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.198	11.56 ng	711070	Phenanthrene-d10		17.304	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	98
2	Tridecanoic acid		214	C13H26O2	000638-53-9	83
3	Pentadecanoic acid		242	C15H30O2	001002-84-2	64
4	Octadecanoic acid		284	C18H36O2	000057-11-4	58
5	Dodecanoic acid		200	C12H24O2	000143-07-7	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019947.D
Acq On : 29 Feb 2024 20:47
Operator : MA/JU
Sample : P1621-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-01-022824-A

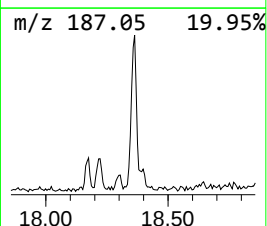
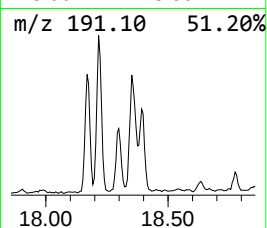
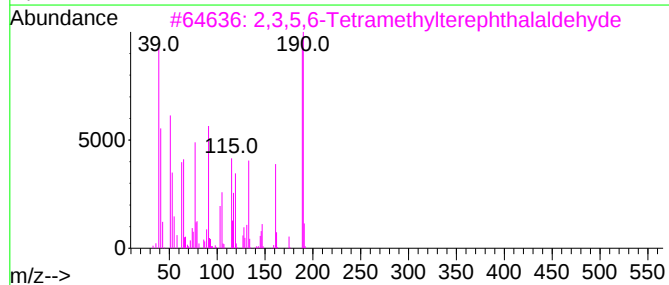
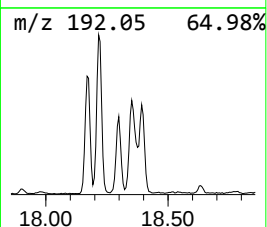
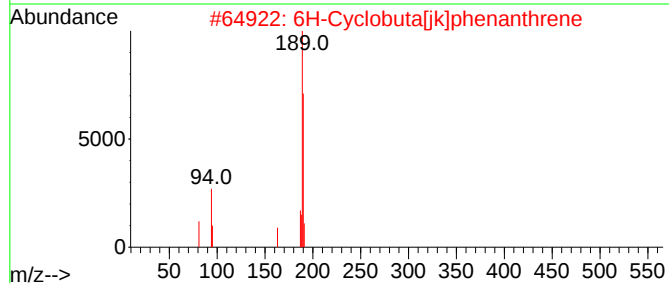
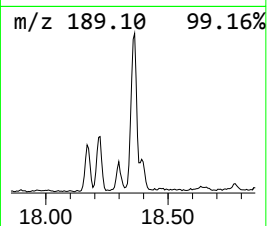
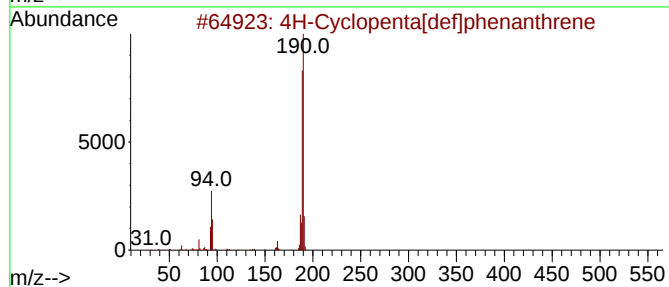
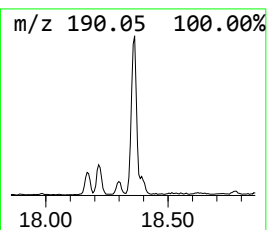
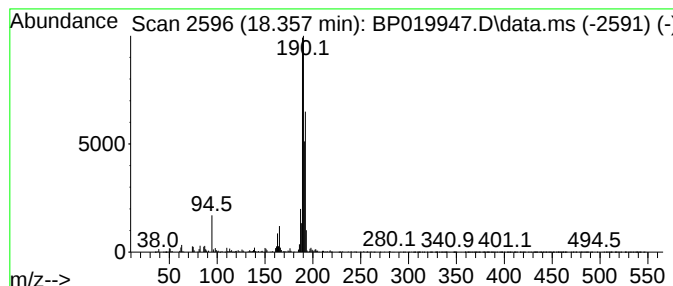
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.357	7.46 ng	459084	Phenanthrene-d10	17.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	52
3			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
5			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019947.D
Acq On : 29 Feb 2024 20:47
Operator : MA/JU
Sample : P1621-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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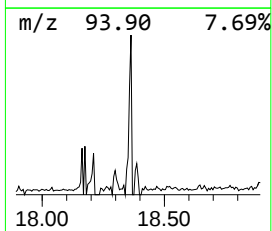
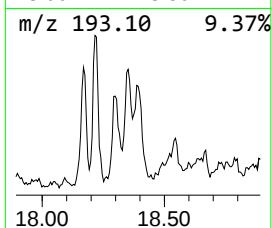
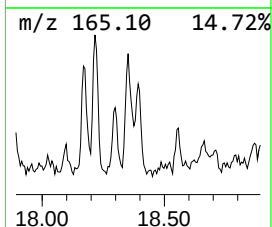
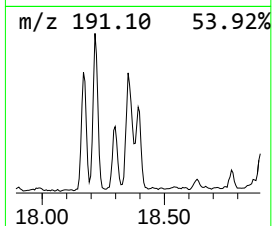
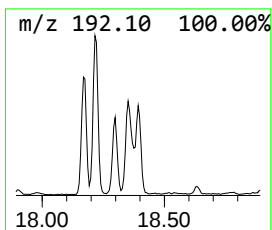
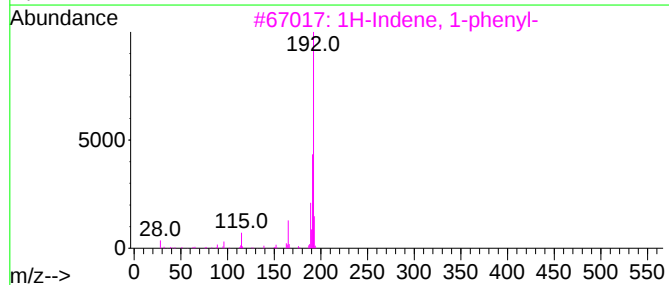
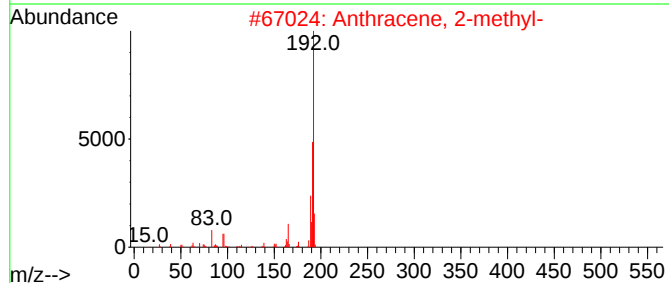
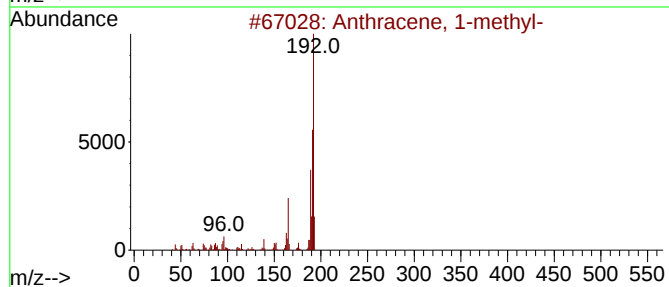
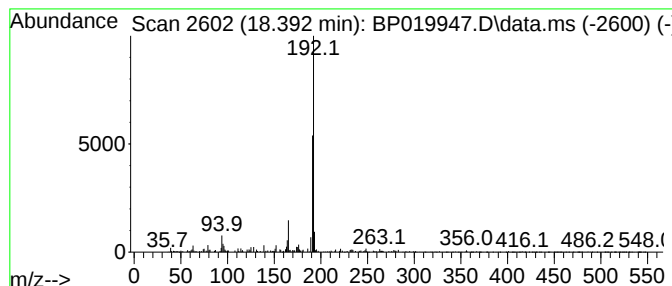
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Anthracene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.392	2.60 ng	159920	Phenanthrene-d10	17.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	74
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	72
3			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	72
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	72
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019947.D
Acq On : 29 Feb 2024 20:47
Operator : MA/JU
Sample : P1621-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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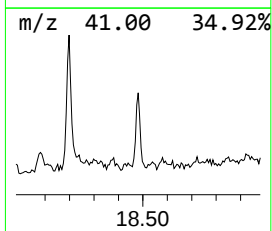
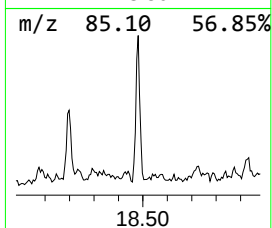
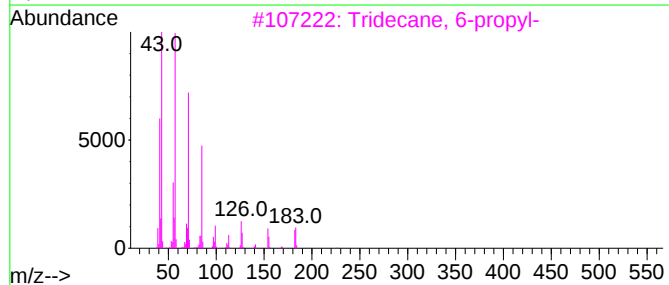
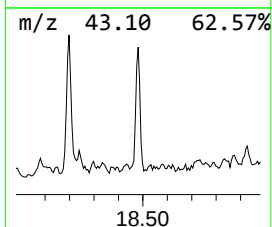
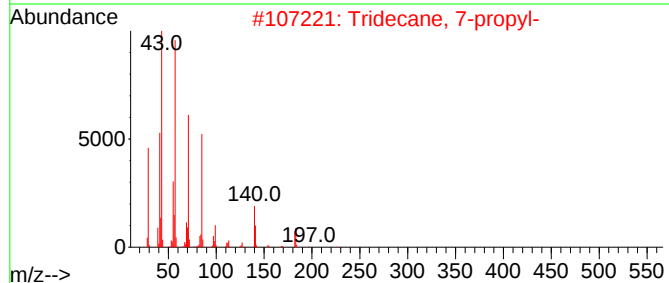
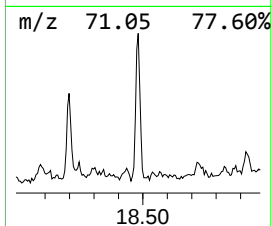
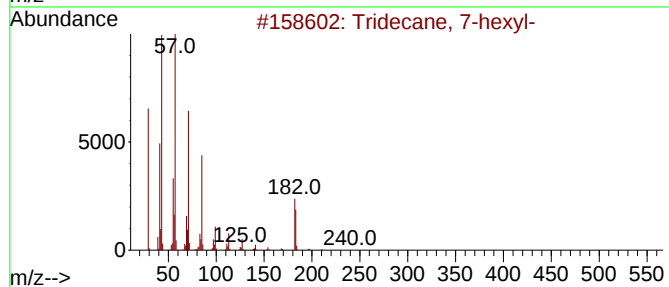
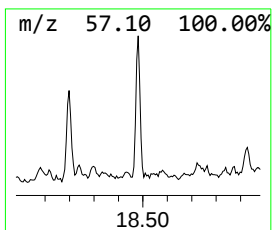
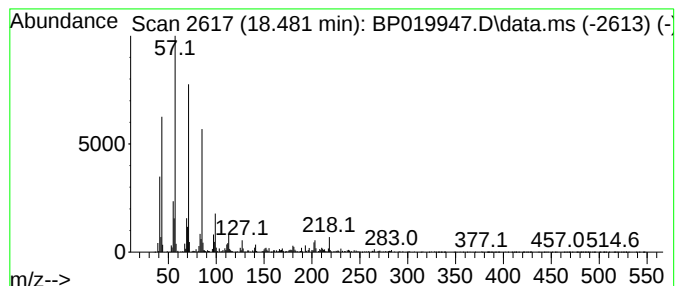
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Tridecane, 7-hexyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.480	3.27 ng	200819	Phenanthrene-d10	17.304

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90
2		Tridecane, 7-propyl-	226	C16H34	055045-09-5	90
3		Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
4		Nonadecane	268	C19H40	000629-92-5	87
5		Octadecane	254	C18H38	000593-45-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019947.D
Acq On : 29 Feb 2024 20:47
Operator : MA/JU
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
EO-01-022824-A

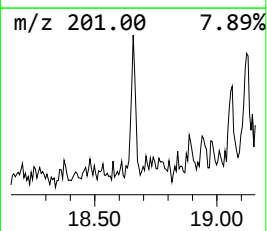
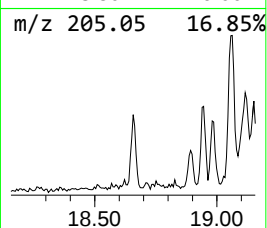
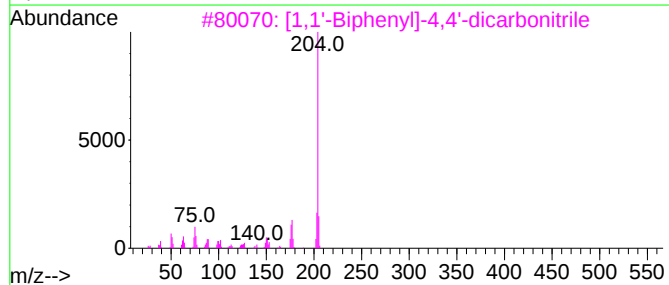
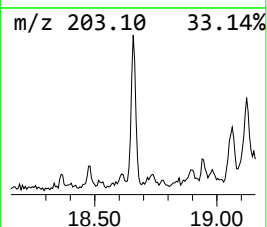
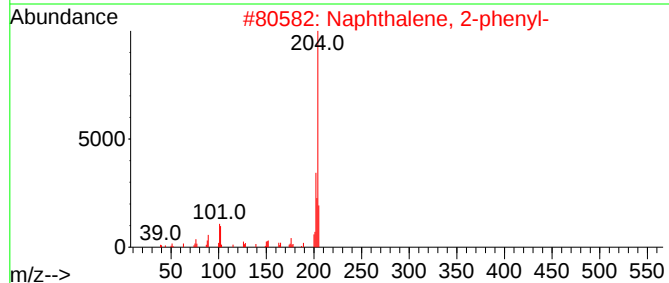
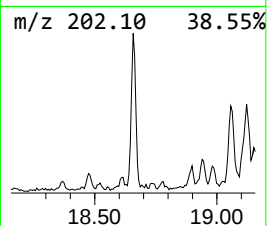
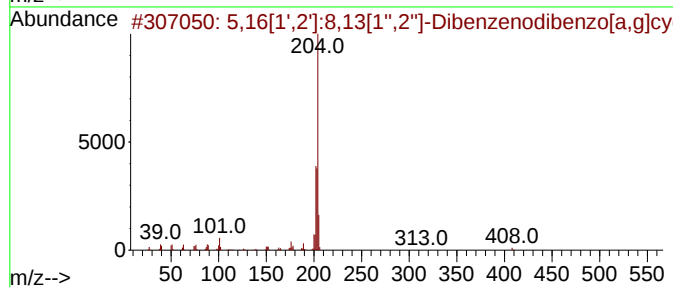
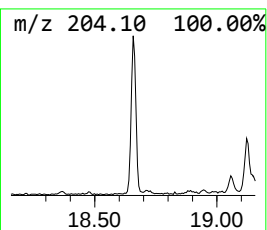
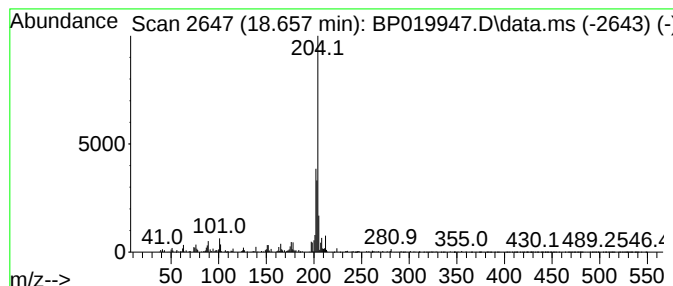
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.657	2.34 ng	144011	Phenanthrene-d10	17.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80		
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60		
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49		
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	47		
5	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	47		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019947.D
Acq On : 29 Feb 2024 20:47
Operator : MA/JU
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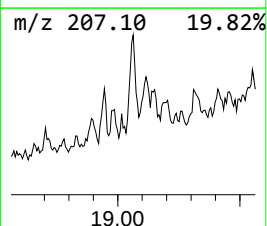
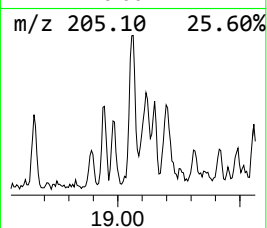
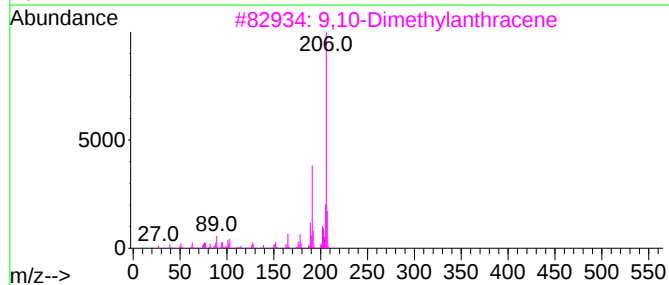
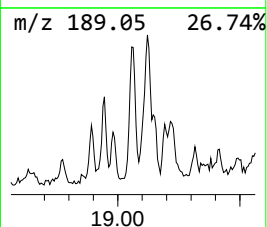
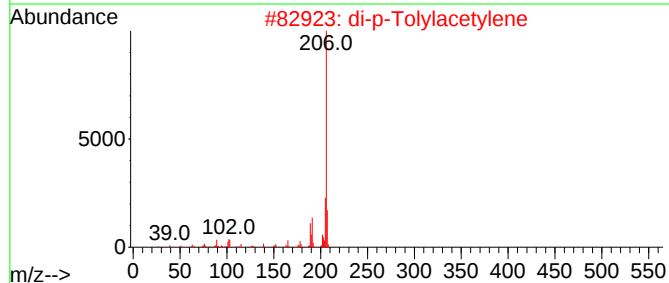
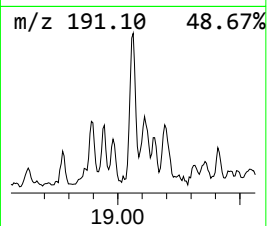
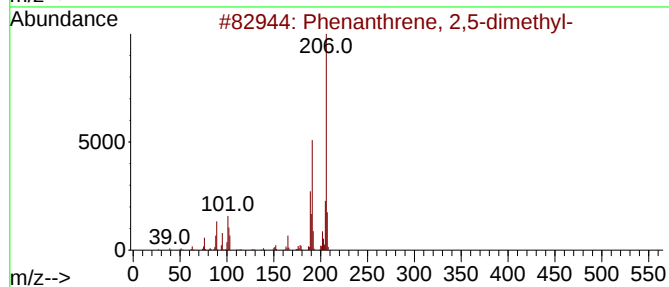
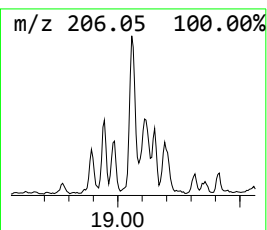
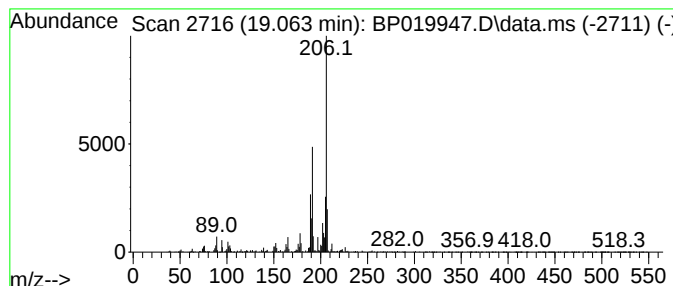
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.063	4.52 ng	277811	Phenanthrene-d10	17.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2			di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3			9,10-Dimethylantracene	206	C16H14	000781-43-1	91
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019947.D
Acq On : 29 Feb 2024 20:47
Operator : MA/JU
Sample : P1621-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-01-022824-A

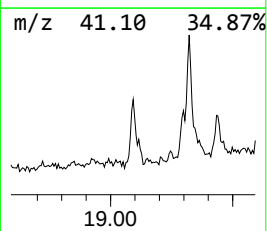
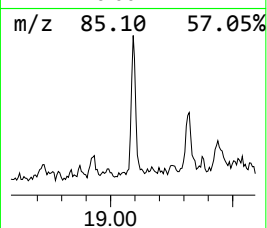
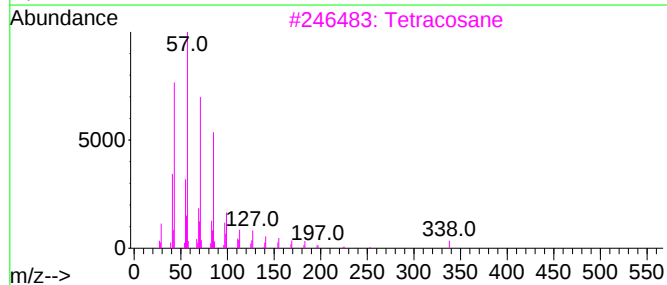
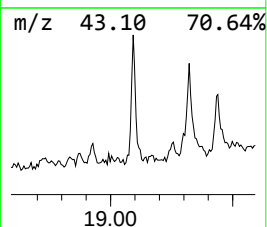
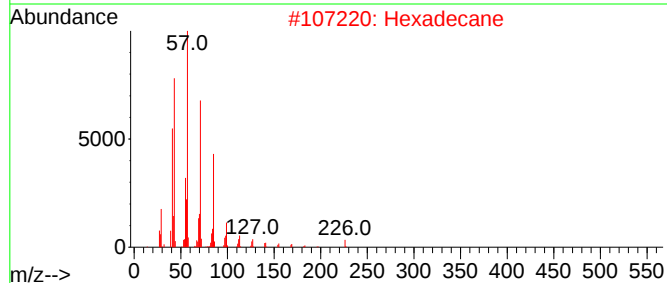
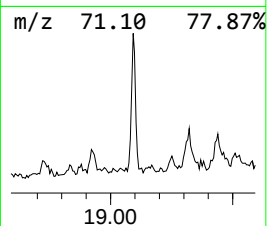
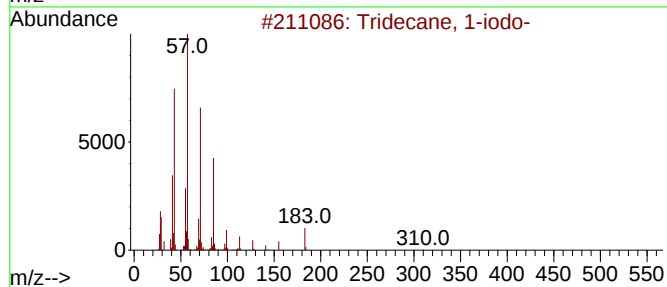
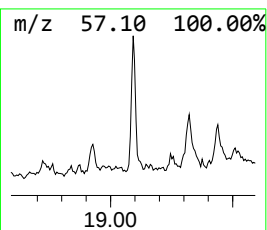
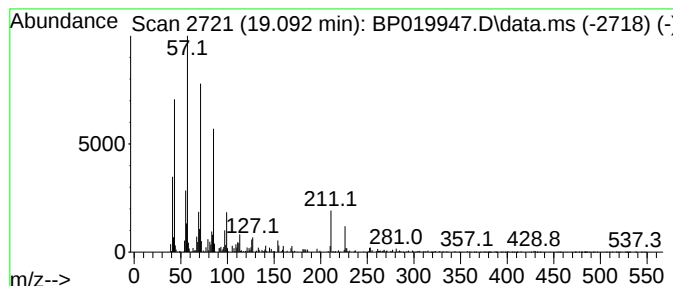
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Tridecane, 1-iodo- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.092	2.38 ng	146297	Phenanthrene-d10	17.304

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	89
2		Hexadecane	226	C16H34	000544-76-3	83
3		Tetracosane	338	C24H50	000646-31-1	74
4		Heptadecane	240	C17H36	000629-78-7	74
5		Hexacosane	366	C26H54	000630-01-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019947.D
Acq On : 29 Feb 2024 20:47
Operator : MA/JU
Sample : P1621-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-01-022824-A

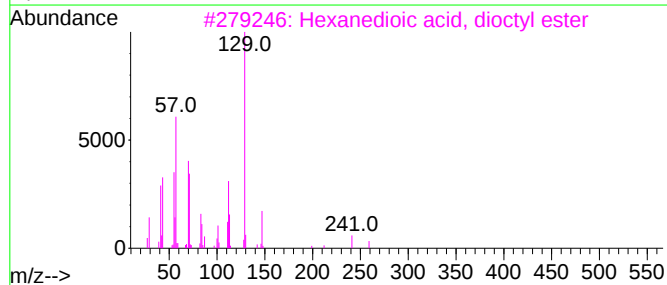
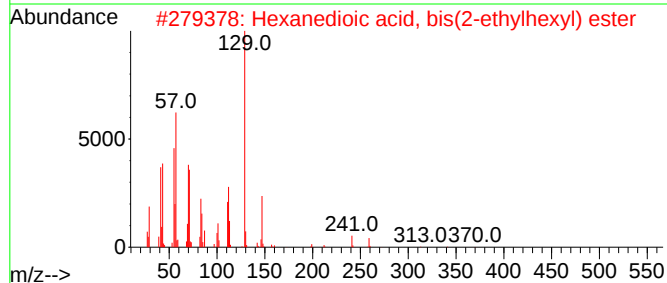
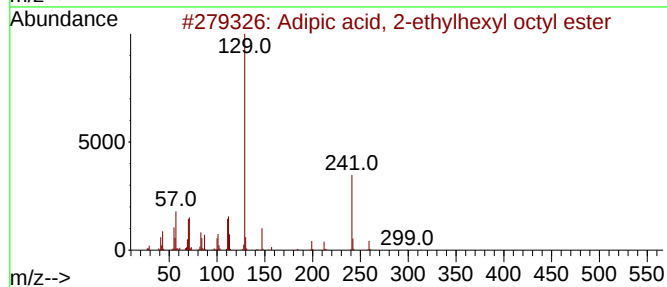
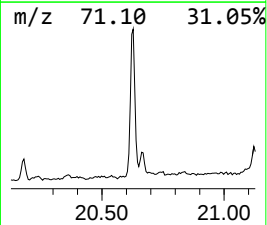
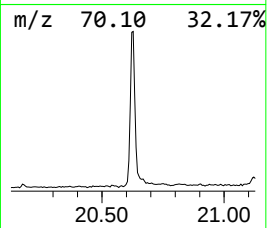
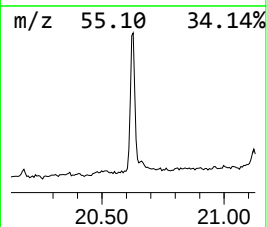
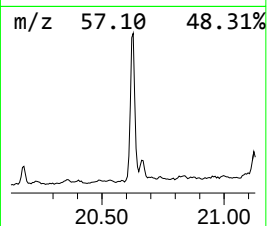
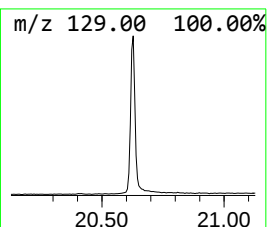
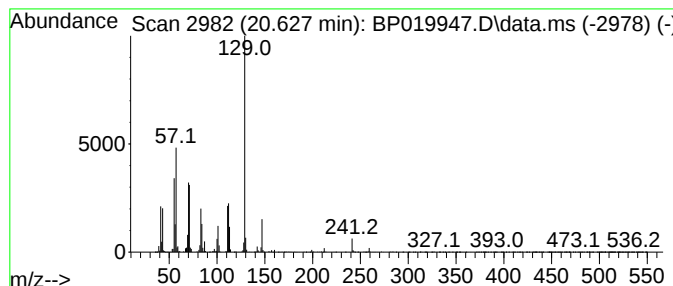
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Adipic acid, 2-ethylhexyl o... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.628	14.61 ng	1674380	Chrysene-d12	21.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	91
2			Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	90
3			Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	83
4			Diisooctyl adipate	370	C22H42O4	001330-86-5	58
5			Adipic acid, 2-ethylhexyl isobut...	314	C18H34O4	1010324-48-0	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
 Data File : BP019947.D
 Acq On : 29 Feb 2024 20:47
 Operator : MA/JU
 Sample : P1621-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EO-01-022824-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Indene	8.428	2.5	ng	57146	1	7.893	448550	20.0
Tetradecane	12.110	3.7	ng	129650	2	10.693	693866	20.0
Nonadecane	13.357	3.3	ng	160038	3	14.540	972295	20.0
Naphthalene, 2,...	13.857	2.3	ng	113553	3	14.540	972295	20.0
Tetracosane	14.434	3.6	ng	177604	3	14.540	972295	20.0
Hexadecane	15.393	5.0	ng	240438	3	14.540	972295	20.0
Dodecane	16.263	6.3	ng	387067	4	17.304	1230030	20.0
Pentadecane	17.057	2.8	ng	173866	4	17.304	1230030	20.0
Dibenzothiophene	17.116	3.8	ng	234061	4	17.304	1230030	20.0
Eicosane	17.804	3.5	ng	215273	4	17.304	1230030	20.0
Phenanthrene, 1...	18.175	3.6	ng	222179	4	17.304	1230030	20.0
n-Hexadecanoic ...	18.198	11.6	ng	711070	4	17.304	1230030	20.0
4H-Cyclopenta[d...	18.357	7.5	ng	459084	4	17.304	1230030	20.0
Anthracene, 1-m...	18.392	2.6	ng	159920	4	17.304	1230030	20.0
Tridecane, 7-he...	18.480	3.3	ng	200819	4	17.304	1230030	20.0
5,16[1',2']:8,1...	18.657	2.3	ng	144011	4	17.304	1230030	20.0
Phenanthrene, 2...	19.063	4.5	ng	277811	4	17.304	1230030	20.0
Tridecane, 1-iodo-	19.092	2.4	ng	146297	4	17.304	1230030	20.0
Adipic acid, 2-...	20.628	14.6	ng	1674380	5	21.404	2291690	20.0