LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
Data File : BP008260.D
Acq On : 07 Dec 2021 20:40
Operator : CG/JU
Sample : M4954-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-5(7.5-8)

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-BP112521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008260.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.375	397	406	411	rBV2	2099716	3354465	7.79%	0.390%
2	5.428	411	415	433	rVB	1571425	4435042	10.30%	0.516%
3	5.811	473	480	487	rVB	5262912	8556482	19.87%	0.995%
4	6.064	514	523	530	rBV5	1450026	3459043	8.03%	0.402%
5	6.181	536	543	549	rVB2	720046	1713569	3.98%	0.199%
6	6.275	553	559	566	rBV3	1584916	3334096	7.74%	0.388%
7	6.352	566	572	576	rBV	2580614	4075073	9.46%	0.474%
8	6.422	576	584	588	rBV3	2247149	4993586	11.60%	0.581%
9	6.458	588	590	597	rVB	1620093	2184915	5.07%	0.254%
10	6.687	621	629	634	rBV2	880698	2200412	5.11%	0.256%
11	6.787	634	646	651	rBV3	2542656	6798391	15.79%	0.791%
12	6.846	651	656	658	rBV	2074234	3049139	7.08%	0.355%
13	6.881	658	662	666	rVB	2082769	2878038	6.68%	0.335%
14	6.940	666	672	681	rBV4	3261143	8655555	20.10%	1.007%
15	7.016	681	685	690	rVB	2601226	3816754	8.86%	0.444%
16	7.175	707	712	716	rBV2	2629610	4290885	9.97%	0.499%
17	7.275	726	729	738	rVB2	1182145	2434471	5.65%	0.283%
18	7.434	749	756	763	rBV2	10743714	21481815	49.89%	2.499%
19	7.622	781	788	792	rBV7	744222	1853919	4.31%	0.216%
20	7.693	795	800	803	rBV2	1420823	2738912	6.36%	0.319%
21	7.775	808	814	819	rVB	4334611	7486861	17.39%	0.871%
22	7.828	819	823	826	rBV2	934225	1634499	3.80%	0.190%
23	7.910	833	837	844	rBV3	1015779	2370169	5.50%	0.276%
24	7.981	844	849	853	rVB3	1390791	2176815	5.06%	0.253%
25	8.081	858	866	873	rVB4	2283310	5683734	13.20%	0.661%
26	8.158	873	879	884	rVB3	1271685	2650685	6.16%	0.308%
27	8.281	896	900	904	rBV	1189354	2204499	5.12%	0.256%
28	8.340	904	910	915	rVB3	3801470	7609132	17.67%	0.885%
29	8.387	915	918	922	rBV	1481063	1931919	4.49%	0.225%
30	8.434	922	926	940	rVB3	4778026	12948110	30.07%	1.506%
31	8.563	943	948	951	rBV	2648718	4536884	10.54%	0.528%
32	8.752	974	980	984	rBV	2225060	4073462	9.46%	0.474%
33	8.805	984	989	995	rVB	2737844	4767386	11.07%	0.555%
34	8.905	995	1006	1012	rBV2	5687559	13239166	30.75%	1.540%
35	8.981	1015	1019	1023	rVV3	2571360	5739784	13.33%	0.668%
36	9.052	1023	1031	1037	rVB	11010550	23399470	54.34%	2.722%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
Data File : BP008260.D
Acq On : 07 Dec 2021 20:40
Operator : CG/JU
Sample : M4954-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-5(7.5-8)

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-BP112521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.157	1037	1049	1055	rBV7	3514960	10399434	24.15%	1.210%
38	9.240	1055	1063	1065	rBV2	1834480	3801753	8.83%	0.442%
39	9.293	1069	1072	1079	rVB3	1668179	3158868	7.34%	0.368%
40	9.440	1091	1097	1102	rBV3	2357992	5401990	12.55%	0.628%
41	9.493	1102	1106	1109	rBV	2931041	4362844	10.13%	0.508%
42	9.687	1132	1139	1142	rBV3	1684057	3481082	8.08%	0.405%
43	9.734	1142	1147	1151	rBV3	1838680	3189711	7.41%	0.371%
44	9.781	1151	1155	1157	rBV3	1766233	2844207	6.61%	0.331%
45	9.846	1163	1166	1169	rBV	1510783	2478087	5.76%	0.288%
46	9.957	1179	1185	1188	rBV	3361008	6129422	14.24%	0.713%
47	10.004	1188	1193	1196	rVV3	3357317	6228238	14.46%	0.725%
48	10.140	1211	1216	1220	rBV2	2330921	4786990	11.12%	0.557%
49	10.228	1228	1231	1238	rVB2	2816183	4699698	10.91%	0.547%
50	10.304	1239	1244	1248	rBV	1976128	3499058	8.13%	0.407%
51	10.469	1267	1272	1274	rBV2	1333845	2148443	4.99%	0.250%
52	10.510	1275	1279	1284	rVV5	2467367	5696455	13.23%	0.663%
53	10.610	1284	1296	1299	rVV2	11563766	35368141	82.14%	4.115%
54	10.652	1299	1303	1311	rVV2	5609929	14352216	33.33%	1.670%
55	10.722	1311	1315	1320	rVV	3595492	7076202	16.43%	0.823%
56	10.781	1320	1325	1329	rVV	5230541	9774582	22.70%	1.137%
57	10.828	1330	1333	1341	rVV3	2242516	5117617	11.89%	0.595%
58	10.904	1342	1346	1351	rVB5	1138036	2105453	4.89%	0.245%
59	11.181	1389	1393	1397	rBV2	1236372	1985130	4.61%	0.231%
60	11.269	1403	1408	1410	rBV	1768555	2936136	6.82%	0.342%
61	11.381	1424	1427	1433	rVB2	1759026	3127088	7.26%	0.364%
62	11.457	1435	1440	1445	rBV3	2148085	4063404	9.44%	0.473%
63	11.534	1447	1453	1460	rVV3	3068324	7437271	17.27%	0.865%
64	11.657	1467	1474	1481	rBV4	6294788	17228889	40.01%	2.004%
65	11.804	1494	1499	1507	rVB2	4547850	8813086	20.47%	1.025%
66	12.075	1535	1545	1555	rBV	10248892	32232003	74.86%	3.750%
67	12.298	1573	1583	1591	rVB	10835728	30746794	71.41%	3.577%
68	12.516	1612	1620	1629	rBV2	8624010	28394095	65.94%	3.303%
69	13.245	1740	1744	1745	rBV	2090410	2747841	6.38%	0.320%
70	13.669	1805	1816	1828	rBV	9312850	43057713	100.00%	5.009%
71	13.840	1832	1845	1849	rBV2	9749391	42911831	99.66%	4.992%
72	14.422	1933	1944	1948	rBV	9716295	32117277	74.59%	3.737%
73	14.981	2032	2039	2043	rBV	6187347	14935058	34.69%	1.738%
74	15.534	2129	2133	2138	rBV3	3993865	8147655	18.92%	0.948%
75	15.910	2193	2197	2201	rBV4	3918394	7535929	17.50%	0.877%
76	15.963	2203	2206	2217	rVB6	5008422	13455857	31.25%	1.565%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
Data File : BP008260.D
Acq On : 07 Dec 2021 20:40
Operator : CG/JU
Sample : M4954-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-5(7.5-8)

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
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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	16.228	2244	2251	2253	rBV	9191413	20950672	48.66%	2.437%
78	17.081	2390	2396	2404	rVB3	9133222	19949118	46.33%	2.321%
79	17.298	2428	2433	2439	rBV	5883546	11762282	27.32%	1.368%
80	17.669	2492	2496	2505	rVV6	4653027	10465587	24.31%	1.218%
81	17.769	2506	2513	2516	rVB	9218449	19159139	44.50%	2.229%
82	18.122	2569	2573	2577	rBV	6098105	10094148	23.44%	1.174%
83	18.175	2577	2582	2587	rVB	9538128	16826608	39.08%	1.958%
84	18.304	2601	2604	2608	rVB2	4525968	6129347	14.24%	0.713%
85	18.428	2619	2625	2629	rBV	9077927	16510694	38.35%	1.921%
86	18.804	2686	2689	2691	rBV2	1900106	2381333	5.53%	0.277%
87	18.833	2691	2694	2696	rVV	2662637	3139050	7.29%	0.365%
88	18.886	2701	2703	2706	rVB	3288720	3300538	7.67%	0.384%
89	19.016	2719	2725	2730	rBV2	9310941	22688113	52.69%	2.640%
90	19.133	2742	2745	2750	rVB	2734617	3810971	8.85%	0.443%
91	19.345	2778	2781	2784	rBV3	1606685	1864673	4.33%	0.217%
92	19.580	2816	2821	2824	rBV	7991017	10358712	24.06%	1.205%
93	19.622	2824	2828	2832	rVV2	3071897	4754536	11.04%	0.553%
94	19.680	2834	2838	2843	rVB	3551065	5683848	13.20%	0.661%
95	19.792	2854	2857	2861	rVB	3442542	4134128	9.60%	0.481%
96	20.092	2903	2908	2913	rVB	5945104	7942261	18.45%	0.924%
97	20.445	2965	2968	2975	rVB2	1371044	1923835	4.47%	0.224%
98	20.569	2985	2989	2998	rVB	3777059	4714044	10.95%	0.548%
99	21.022	3062	3066	3073	rVV2	1928011	2508855	5.83%	0.292%
100	21.080	3073	3076	3084	rVB	1316336	1771566	4.11%	0.206%

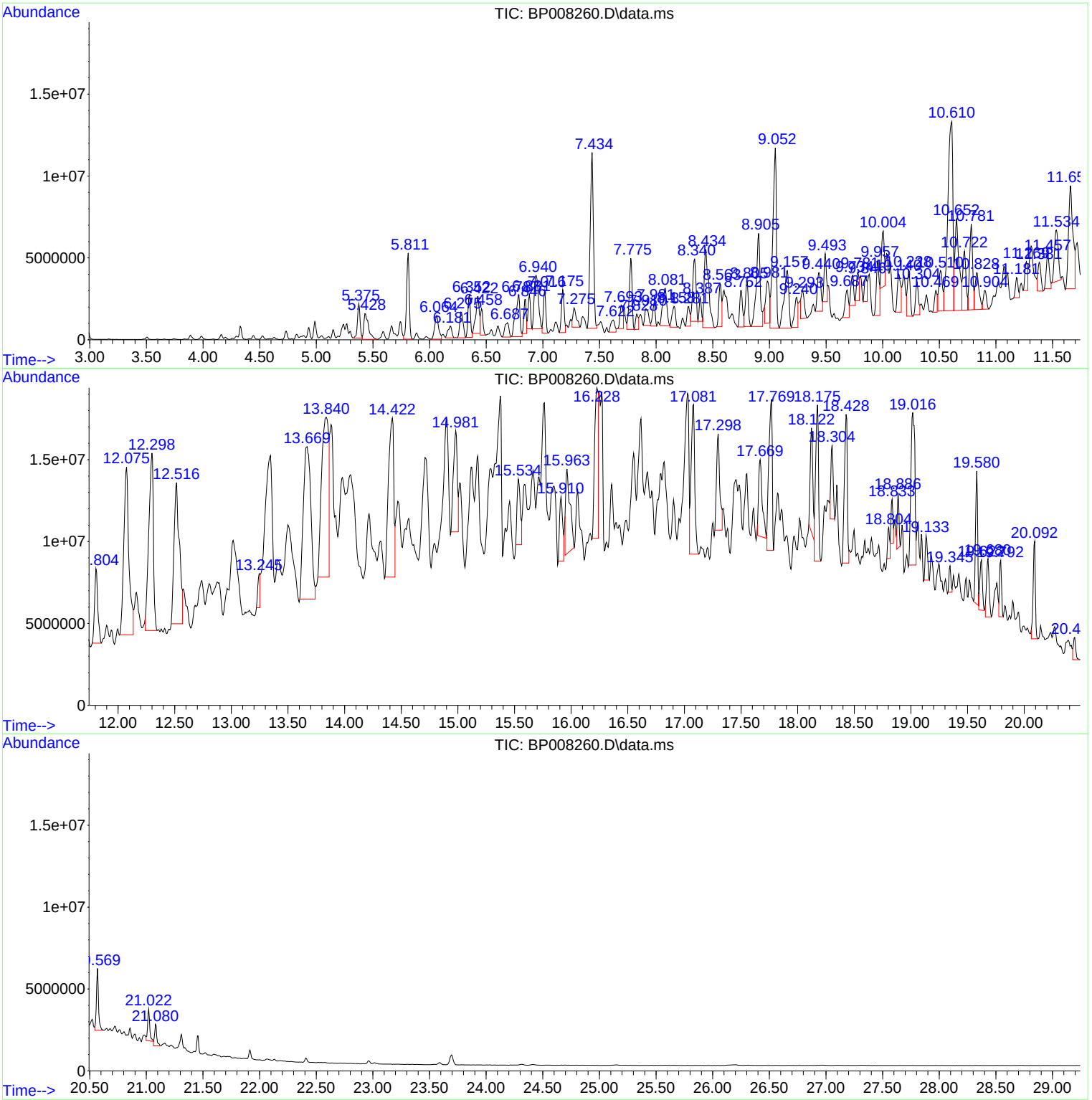
Sum of corrected areas: 859554743

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
Data File : BP008260.D
Acq On : 07 Dec 2021 20:40
Operator : CG/JU
Sample : M4954-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-5(7.5-8)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
Data File : BP008260.D
Acq On : 07 Dec 2021 20:40
Operator : CG/JU
Sample : M4954-05
Misc :
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Instrument :
BNA_P
ClientSampleId :
SB-5(7.5-8)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

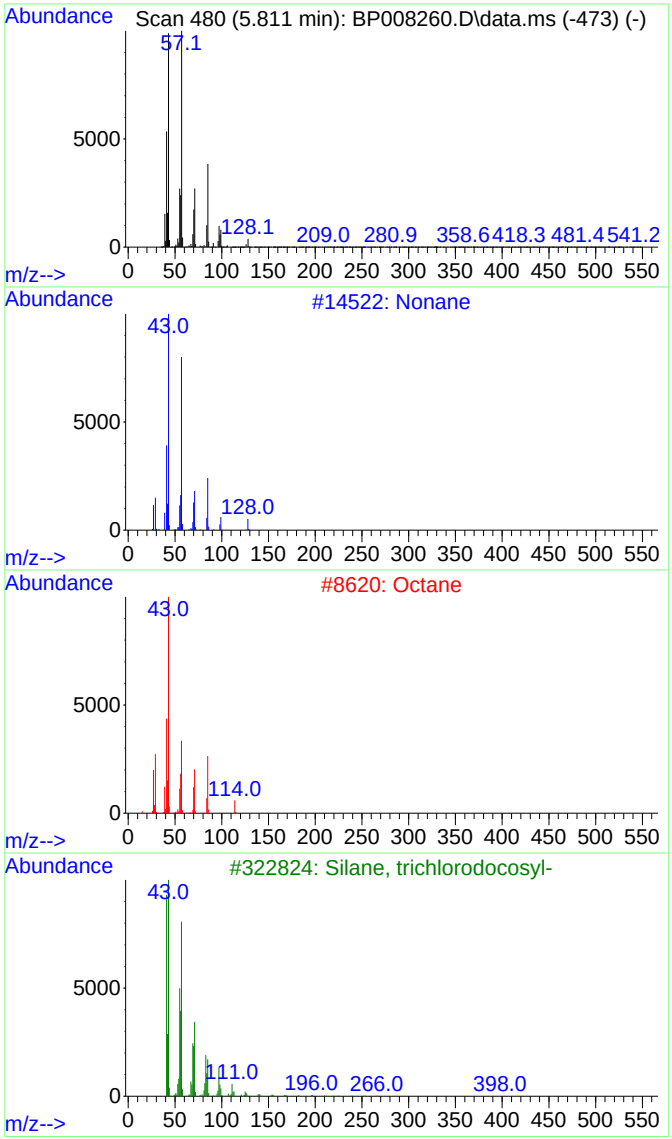
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

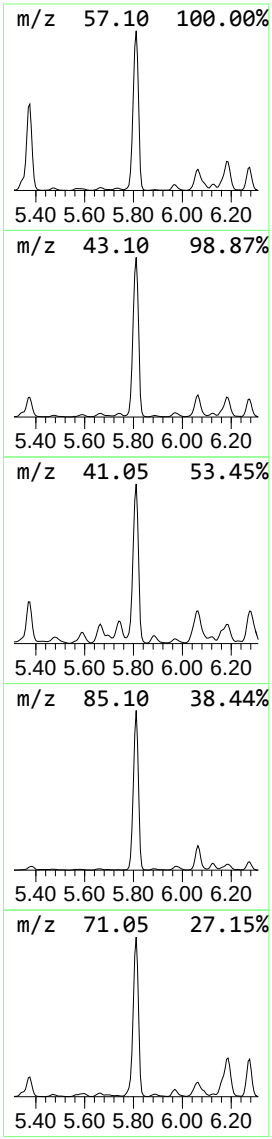
****

Peak Number 1 Nonane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.811	22.86 ng	8556480	1,4-Dichlorobenzene-d4	7.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	90
2	Octane	114	C8H18	000111-65-9	53
3	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	52
4	(2-Piperidin-3-ylethyl)amine	128	C7H16N2	089850-94-2	38
5	Acetyl valeryl	128	C7H12O2	000096-04-8	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
Data File : BP008260.D
Acq On : 07 Dec 2021 20:40
Operator : CG/JU
Sample : M4954-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-5(7.5-8)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

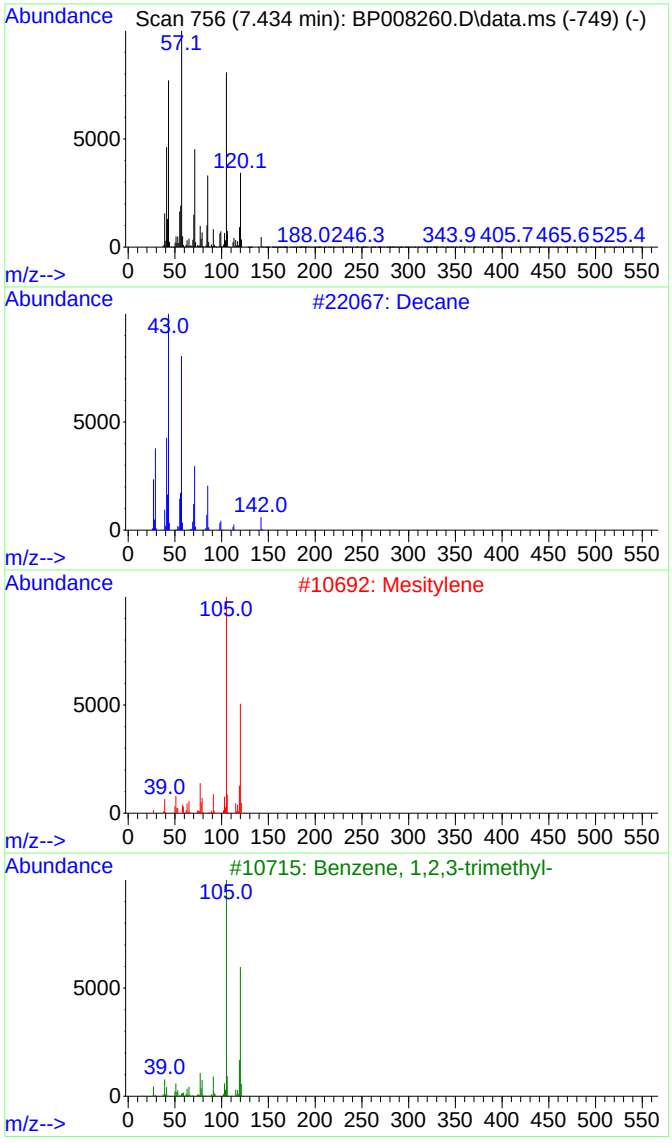
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

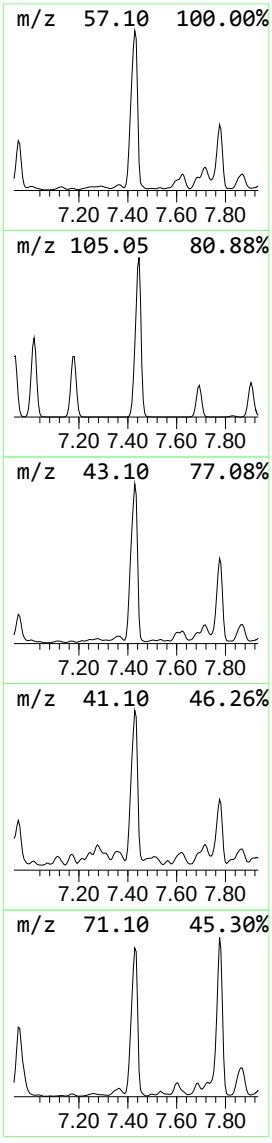
****

Peak Number 2 Decane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.434	57.39 ng	21481800	1,4-Dichlorobenzene-d4	7.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	91
2	Mesitylene	120	C9H12	000108-67-8	68
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	68
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	64
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
Data File : BP008260.D
Acq On : 07 Dec 2021 20:40
Operator : CG/JU
Sample : M4954-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-5(7.5-8)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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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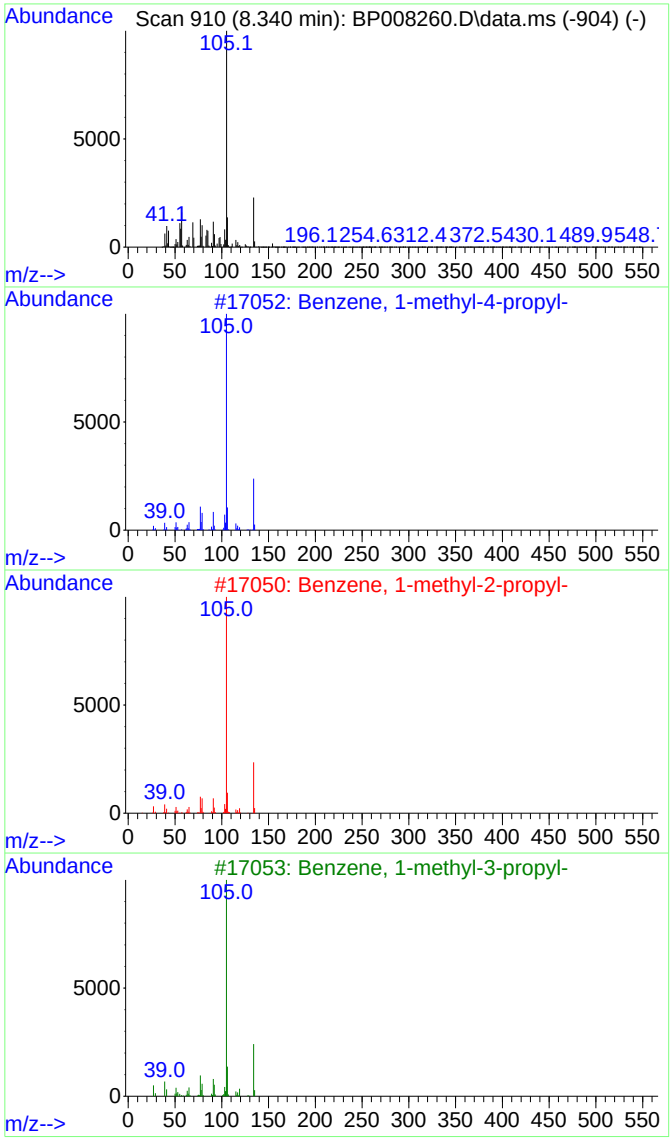
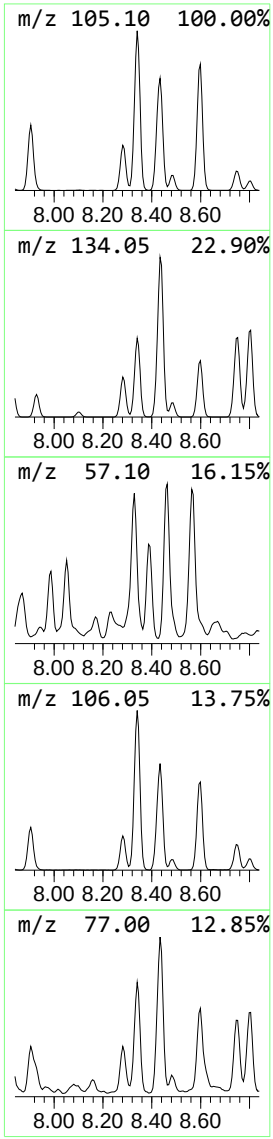
Peak Number 3 Benzene, 1-methyl-4-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.340	20.33 ng	7609130	1,4-Dichlorobenzene-d4	7.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	93
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	81
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	81
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	76
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
Data File : BP008260.D
Acq On : 07 Dec 2021 20:40
Operator : CG/JU
Sample : M4954-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-5(7.5-8)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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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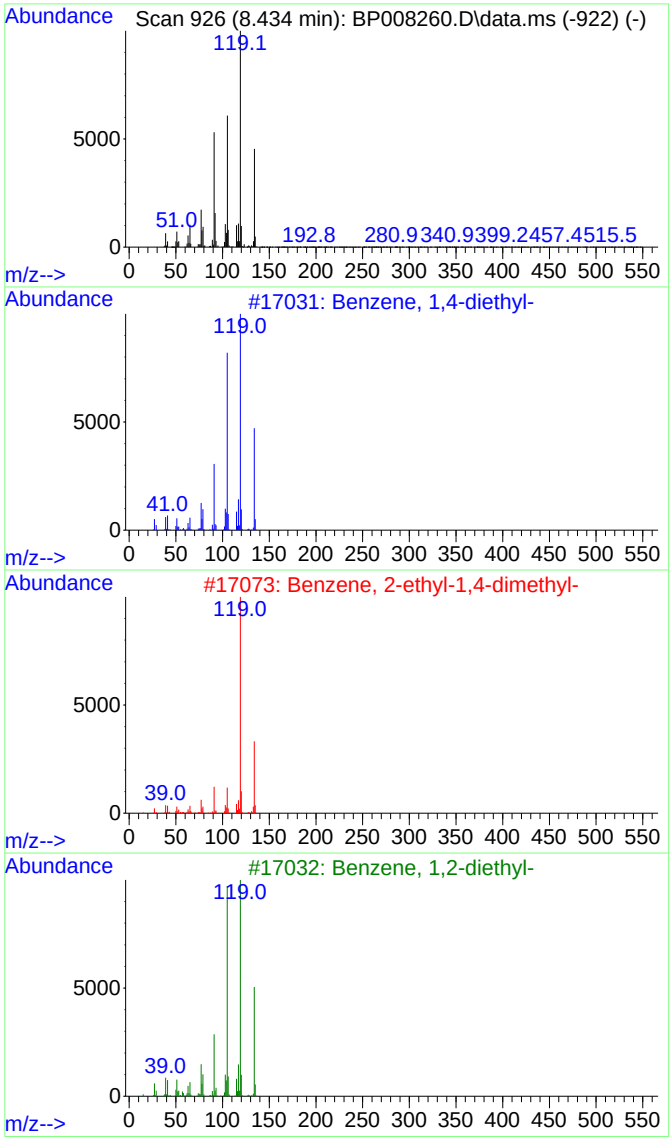
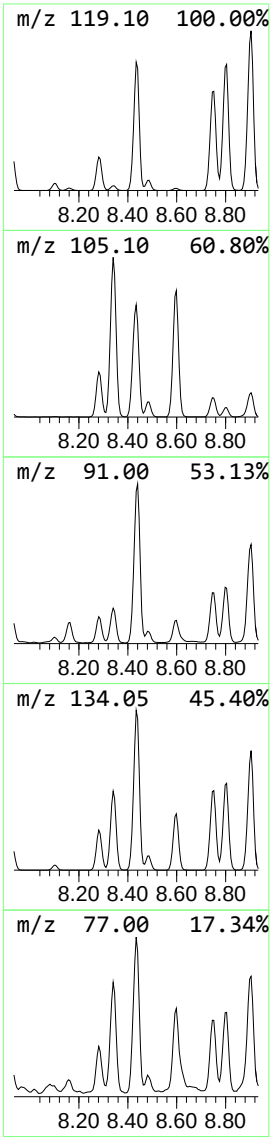
Peak Number 4 Benzene, 1,4-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.434	34.59 ng	12948100	1,4-Dichlorobenzene-d4	7.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
Data File : BP008260.D
Acq On : 07 Dec 2021 20:40
Operator : CG/JU
Sample : M4954-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-5(7.5-8)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

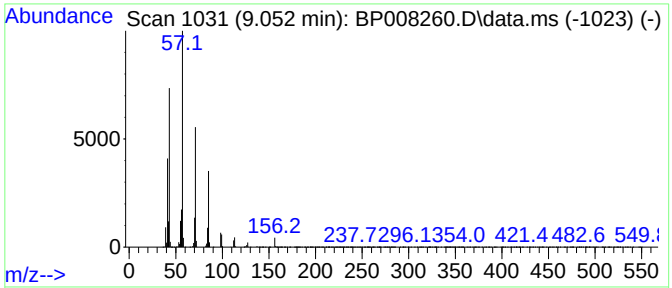
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

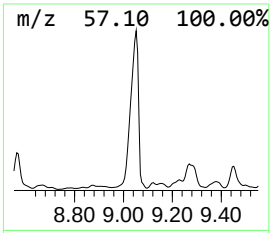
****

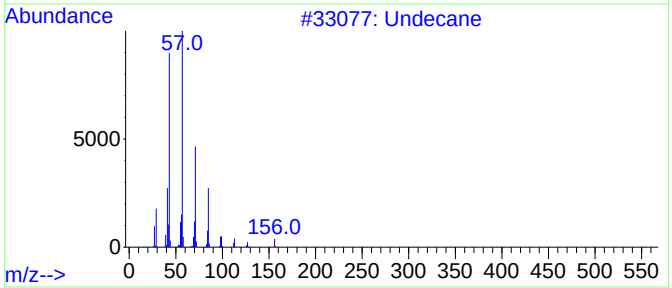
Peak Number 5 Undecane Concentration Rank 3

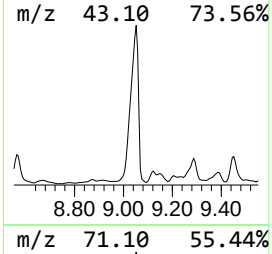
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.052	62.51 ng	23399500	1,4-Dichlorobenzene-d4	7.787

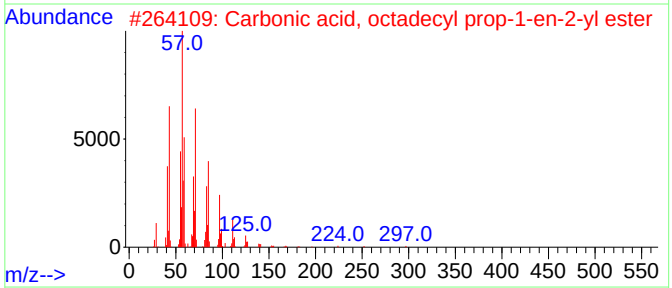
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	94
2	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	90
3	Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	83
4	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	83
5	Tetradecane	198	C14H30	000629-59-4	83

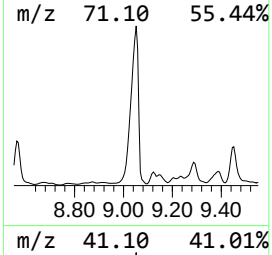


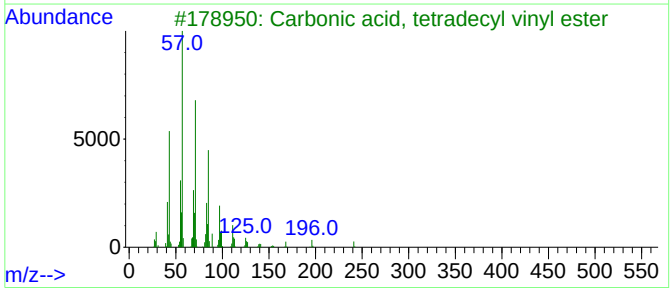


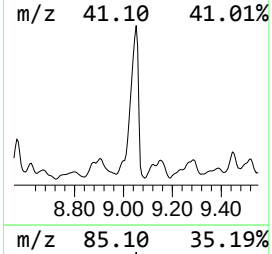


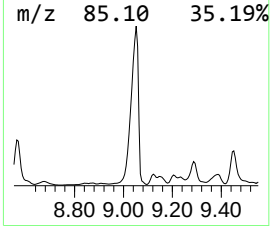












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Acq On : 07 Dec 2021 20:40
Operator : CG/JU
Sample : M4954-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-5(7.5-8)

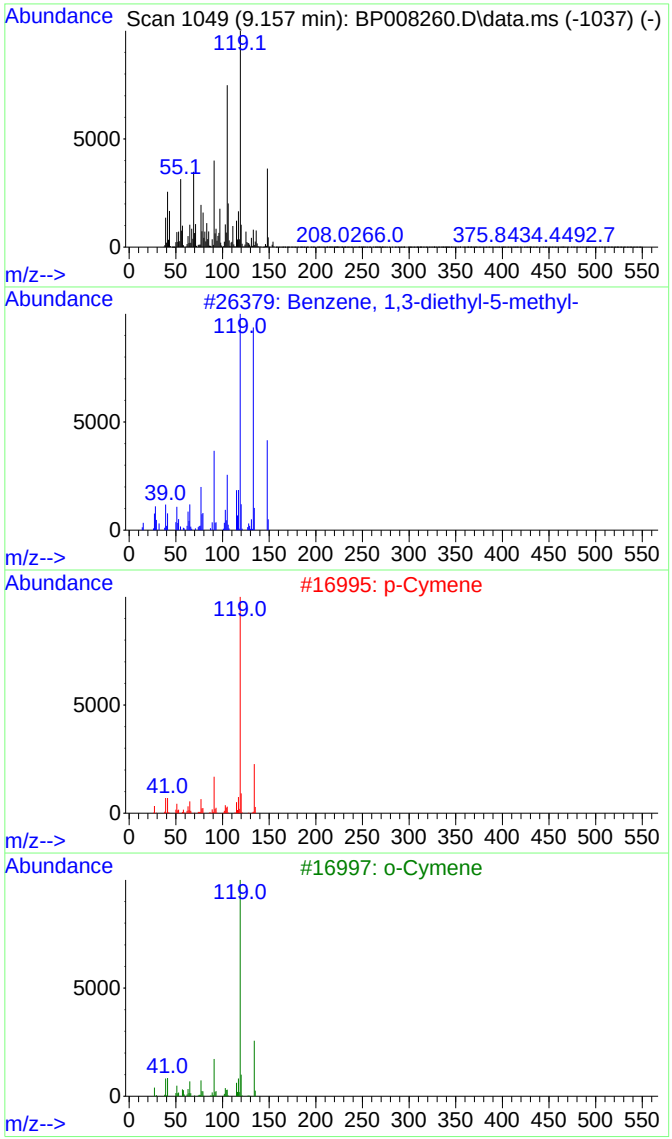
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

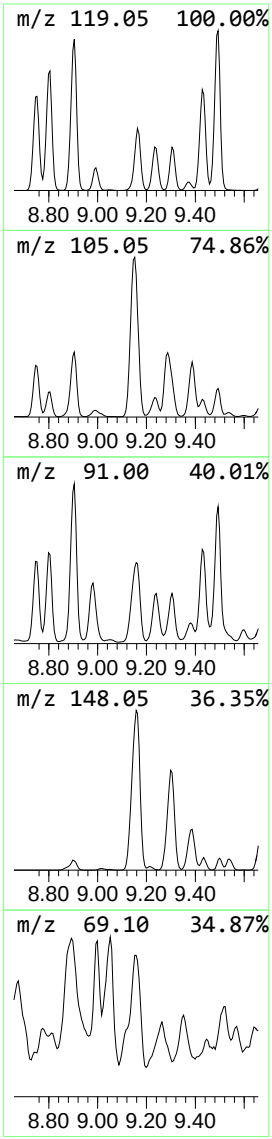
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.157	27.78 ng	10399400	1,4-Dichlorobenzene-d4	7.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	81
2	p-Cymene	134	C10H14	000099-87-6	60
3	o-Cymene	134	C10H14	000527-84-4	60
4	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	52
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	49





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Sample : M4954-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-5(7.5-8)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

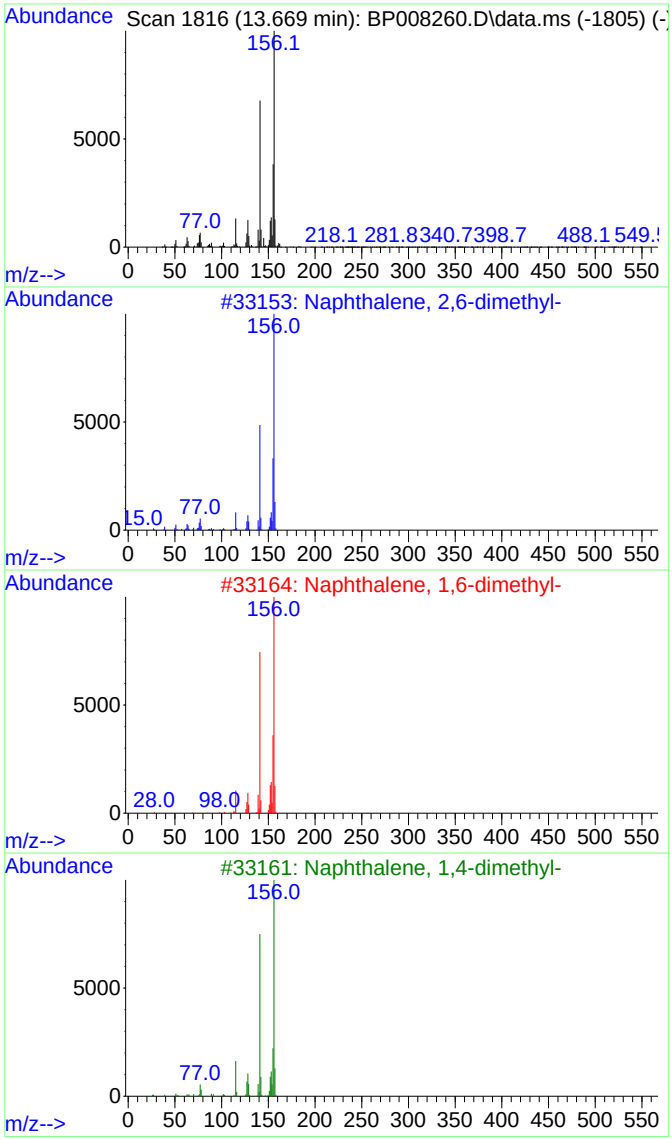
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

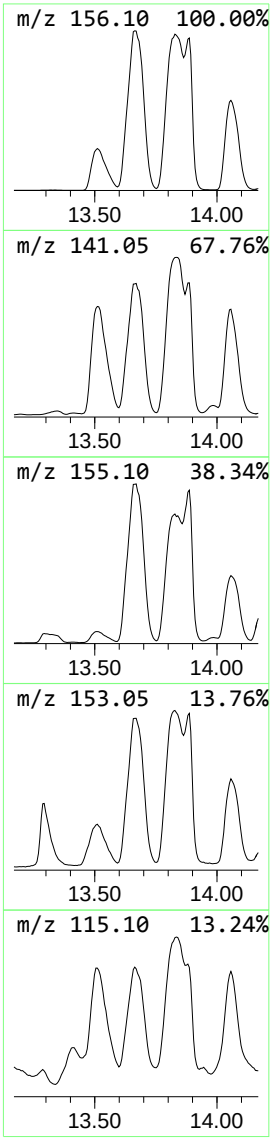
****

Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.669	26.81 ng	43057700	Acenaphthene-d10	14.481

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





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Sample : M4954-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-5(7.5-8)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

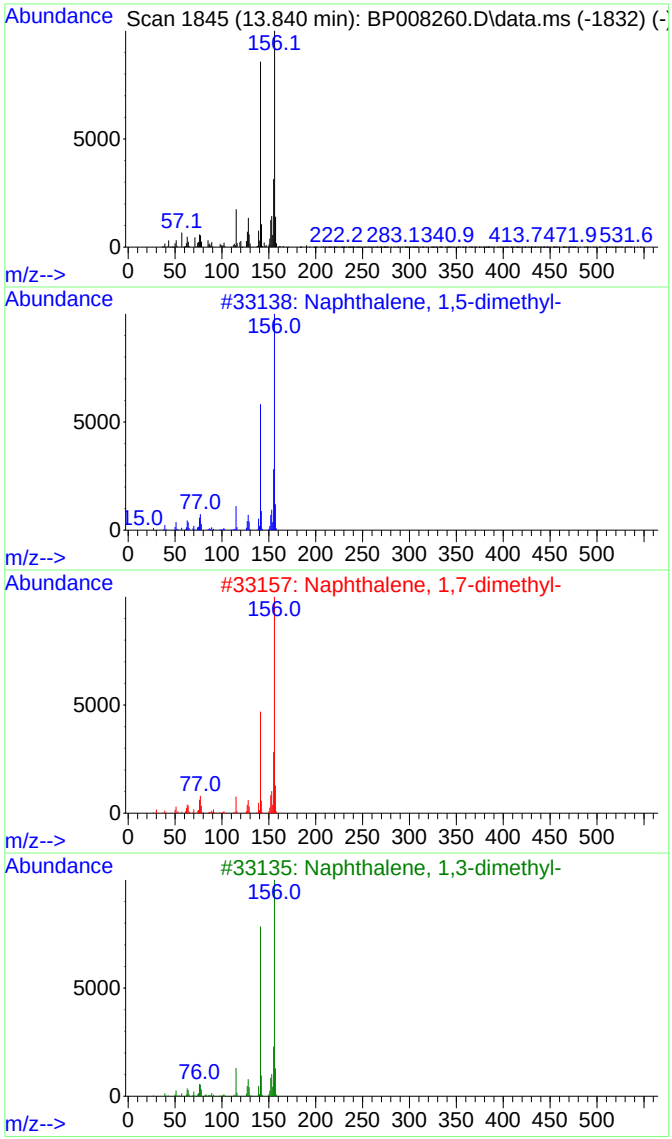
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

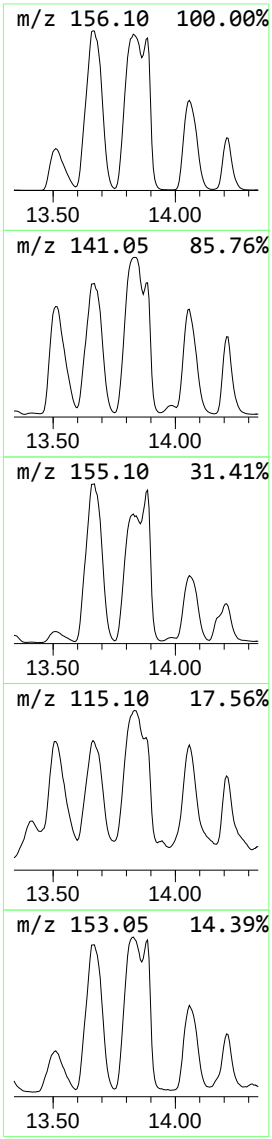
****

Peak Number 8 Naphthalene, 1,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.840	26.72 ng	42911800	Acenaphthene-d10	14.481

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-5(7.5-8)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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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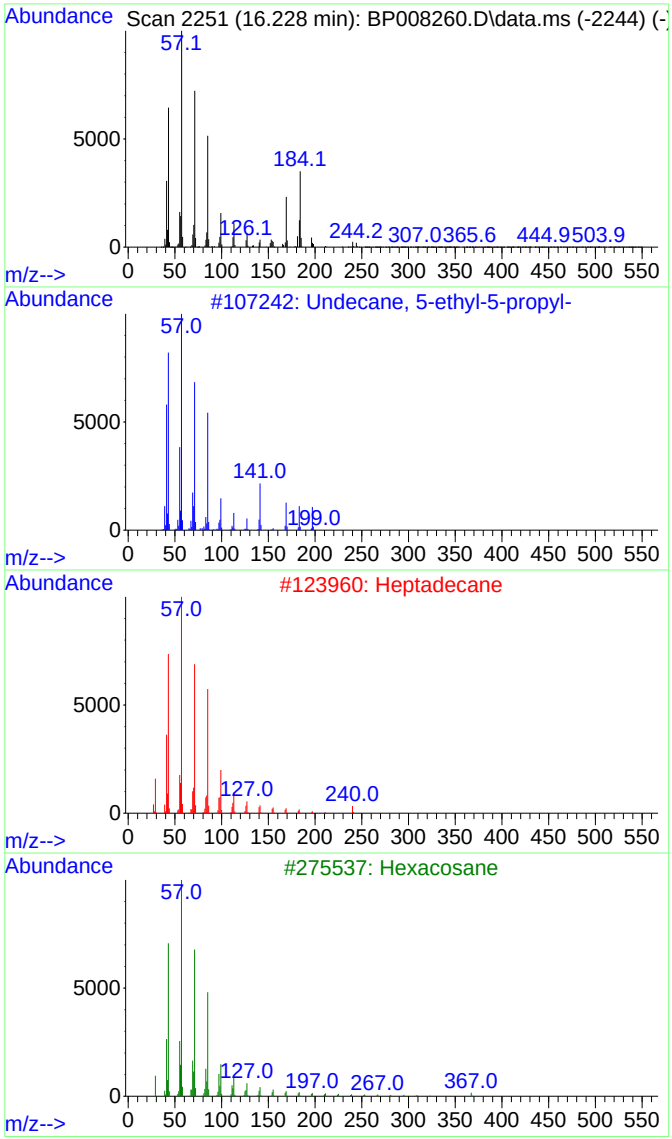
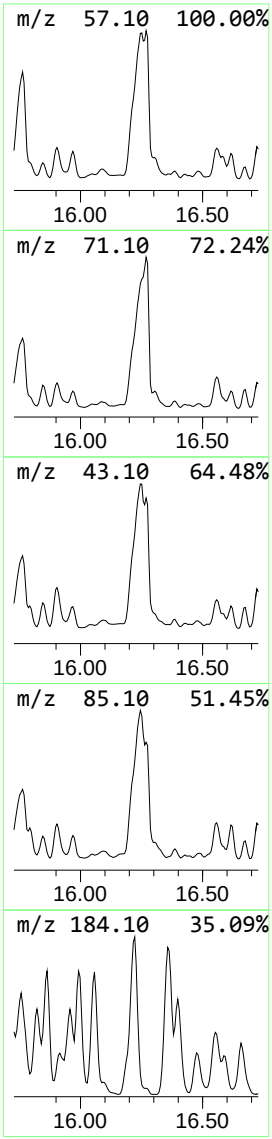
Peak Number 9 Undecane, 5-ethyl-5-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.228	35.62 ng	20950700	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-ethyl-5-propyl-	226	C16H34	002755-07-9	72
2	Heptadecane	240	C17H36	000629-78-7	64
3	Hexacosane	366	C26H54	000630-01-3	62
4	Nonadecane	268	C19H40	000629-92-5	62
5	Octadecane	254	C18H38	000593-45-3	58





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-5(7.5-8)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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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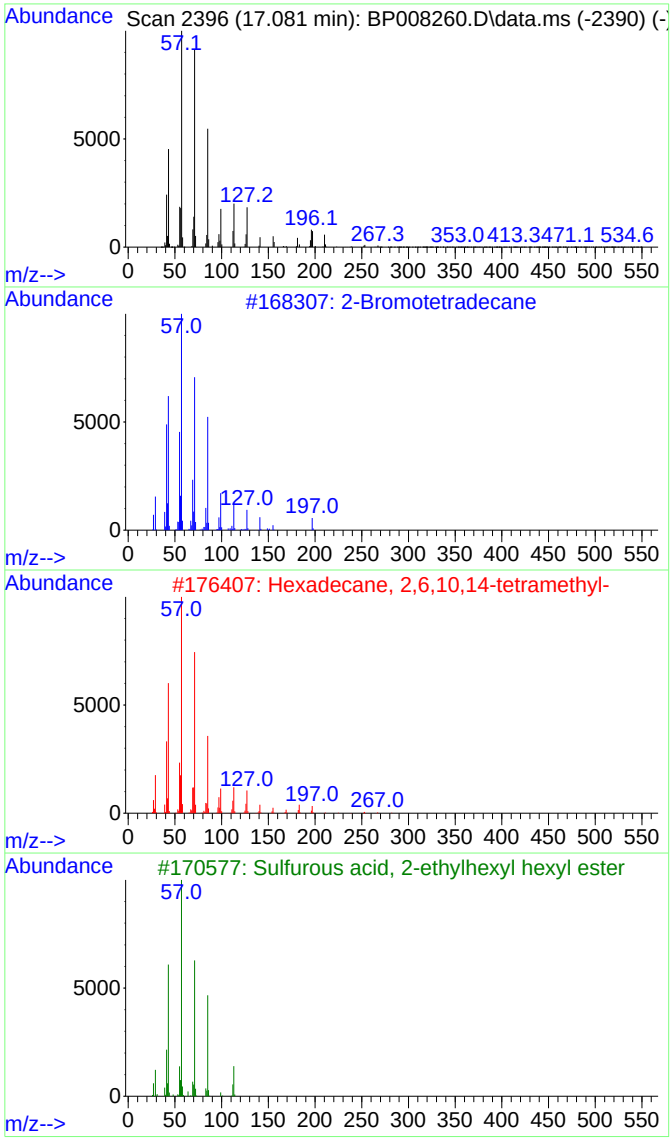
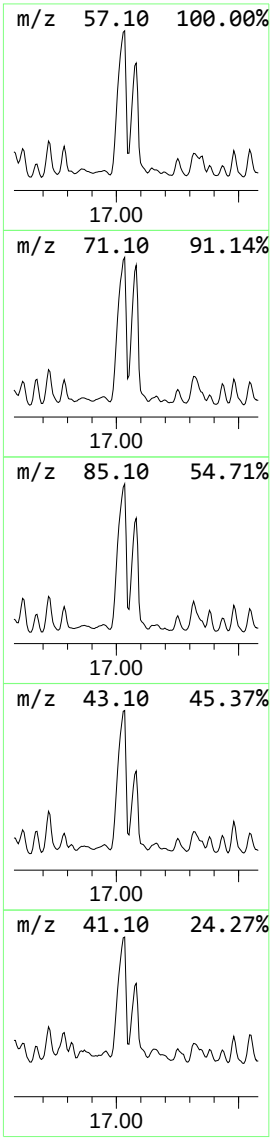
Peak Number 10 2-Bromotetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.081	33.92 ng	19949100	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromotetradecane	276	C14H29Br	074036-95-6	80
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	76
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
4	Hexadecane	226	C16H34	000544-76-3	72
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64





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Sample : M4954-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-5(7.5-8)

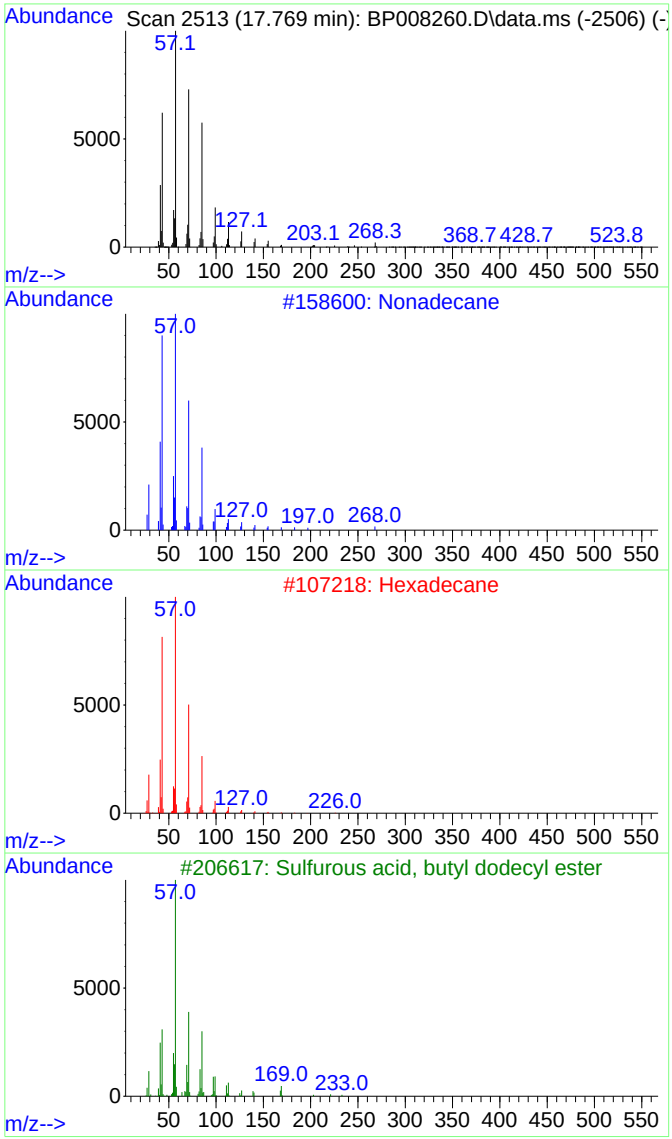
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

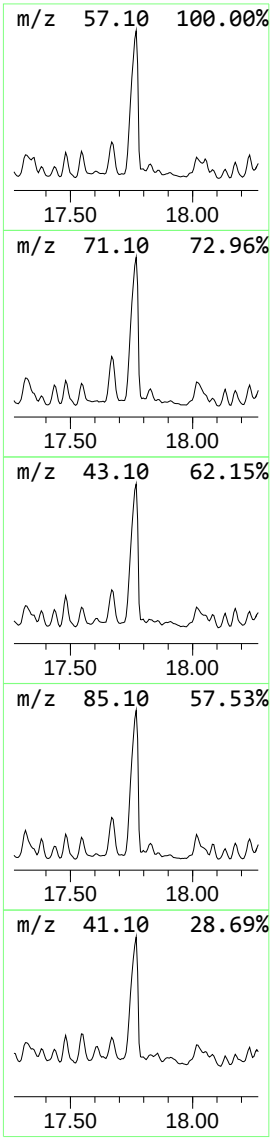
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Sulfurous acid, butyl dodec... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.769	32.58 ng	19159100	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Hexadecane	226	C16H34	000544-76-3	90
3	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Octadecane	254	C18H38	000593-45-3	90





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Sample : M4954-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-5(7.5-8)

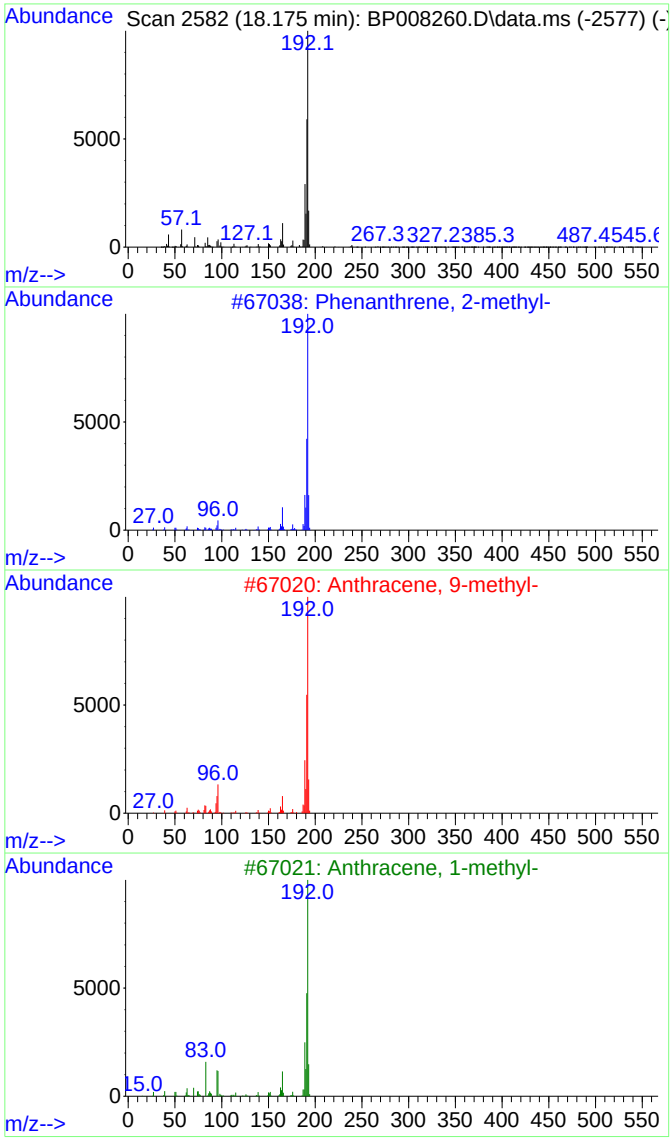
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

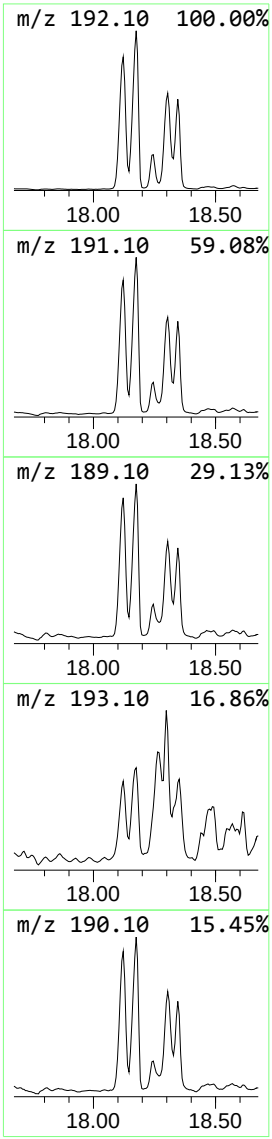
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.175	28.61 ng	16826600	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-5(7.5-8)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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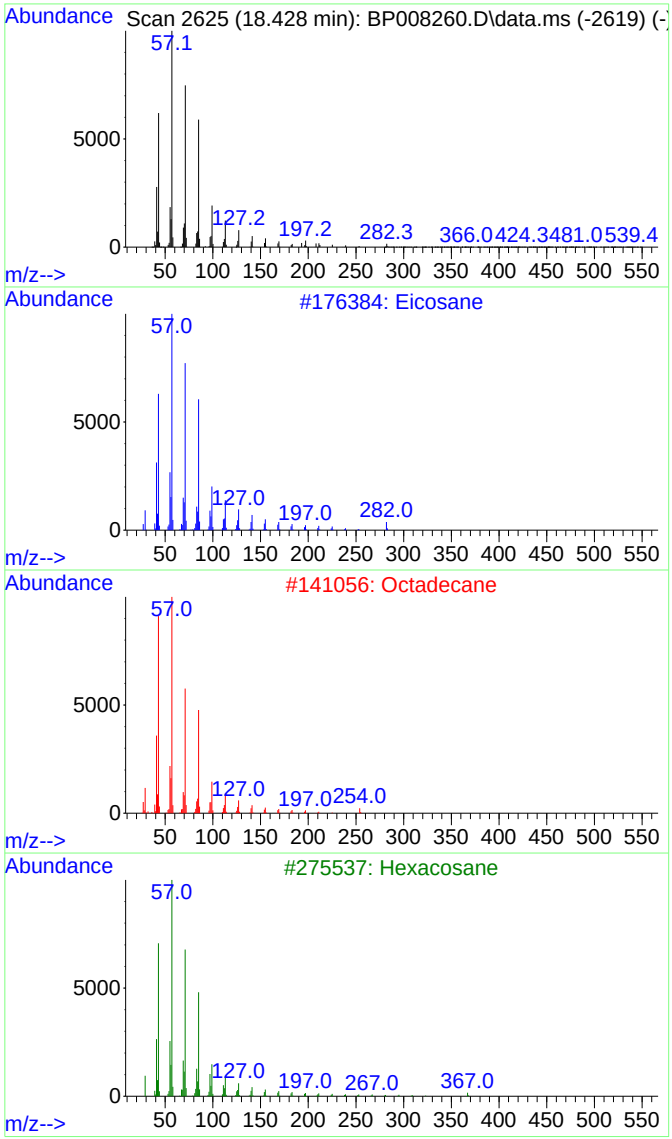
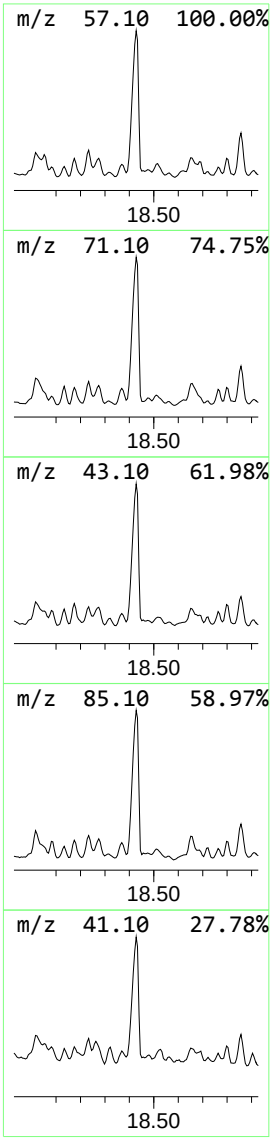
Peak Number 13 Eicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.428	28.07 ng	16510700	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Octadecane	254	C18H38	000593-45-3	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Nonadecane	268	C19H40	000629-92-5	87
5	Heptadecane	240	C17H36	000629-78-7	87





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ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
SB-5(7.5-8)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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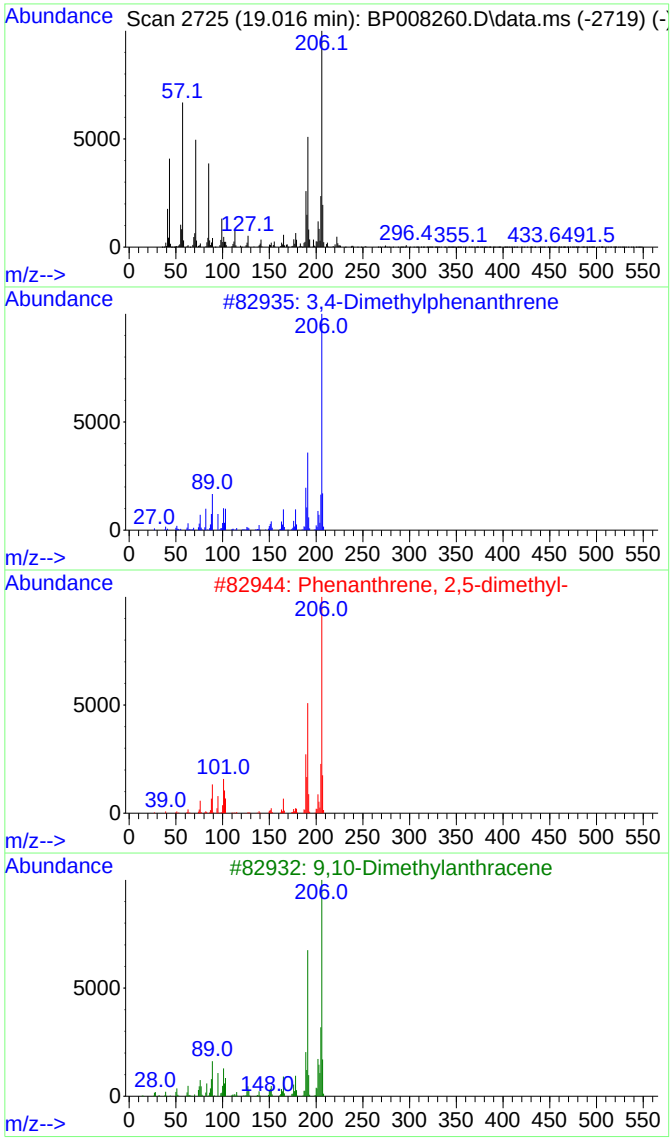
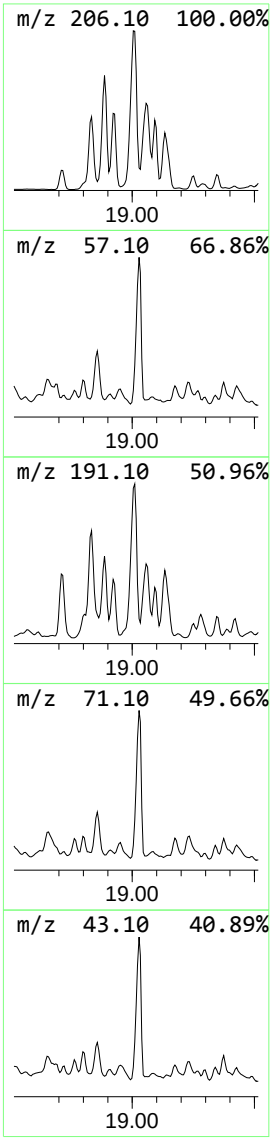
Peak Number 14 3,4-Dimethylphenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.016	38.58 ng	22688100	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	83
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	83
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	70
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	64
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	60





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ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
SB-5(7.5-8)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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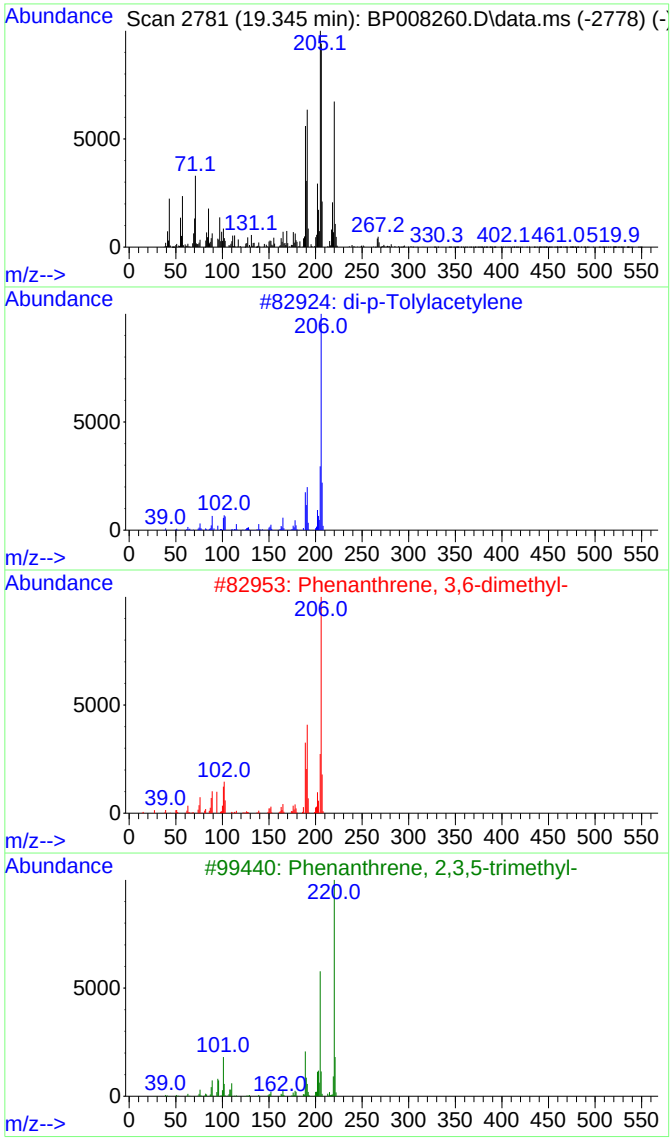
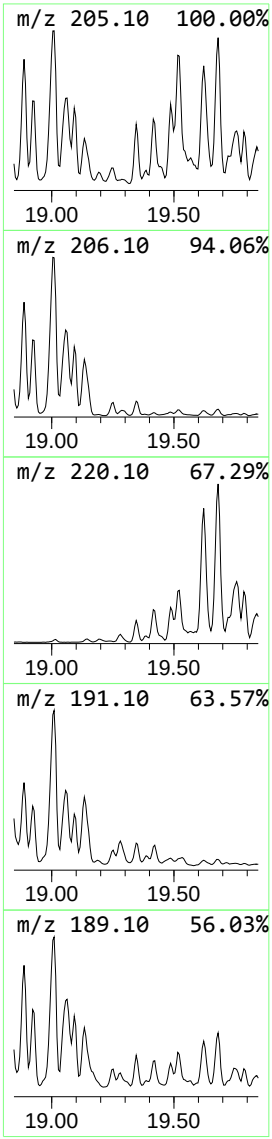
Peak Number 15 di-p-Tolylacetylene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.345	21.05 ng	1864670	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	60
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	53
3	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	49
4	Indeno[2,1-a]indene, 4b,5,9b,10-...	206	C16H14	016293-79-1	46
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	46





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Data File : BP008260.D
Acq On : 07 Dec 2021 20:40
Operator : CG/JU
Sample : M4954-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-5(7.5-8)

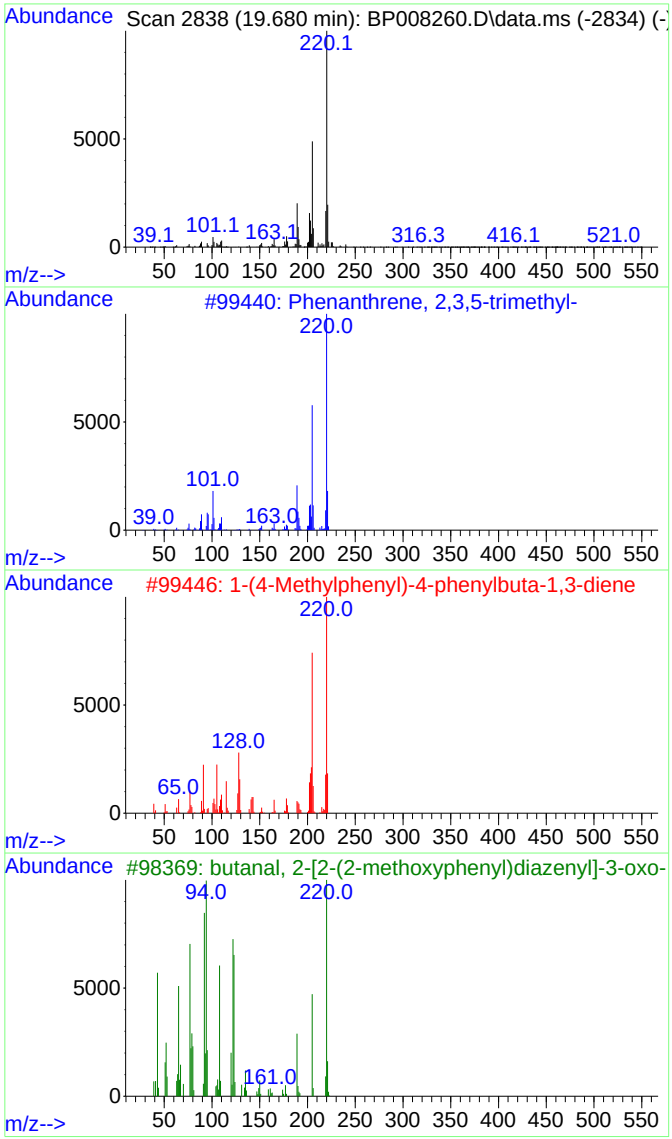
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

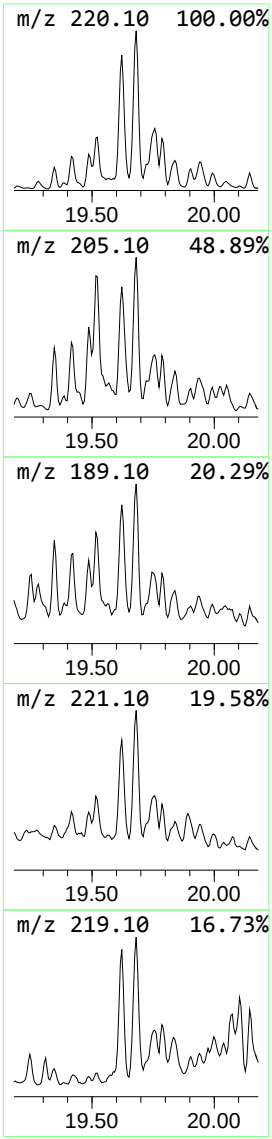
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.680	64.17 ng	5683850	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	90
2	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	83
3	butanal, 2-[2-(2-methoxyphenyl)d...	220	C11H12N2O3	1000396-24-5	80
4	5-Hydroxy-7-methoxy-2,6-dimethyl...	220	C12H12O4	000480-12-6	59
5	1-(Hydroxy-phenyl-methyl)-2-meth...	408	C27H36O3	108546-86-7	59





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Acq On : 07 Dec 2021 20:40
Operator : CG/JU
Sample : M4954-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-5(7.5-8)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

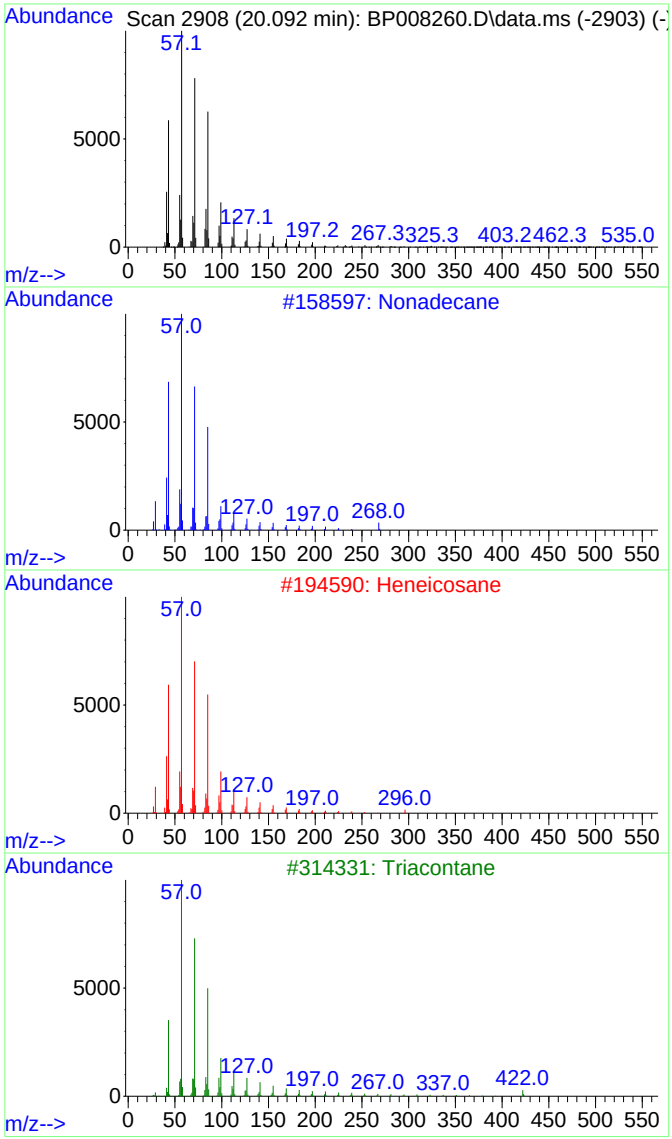
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

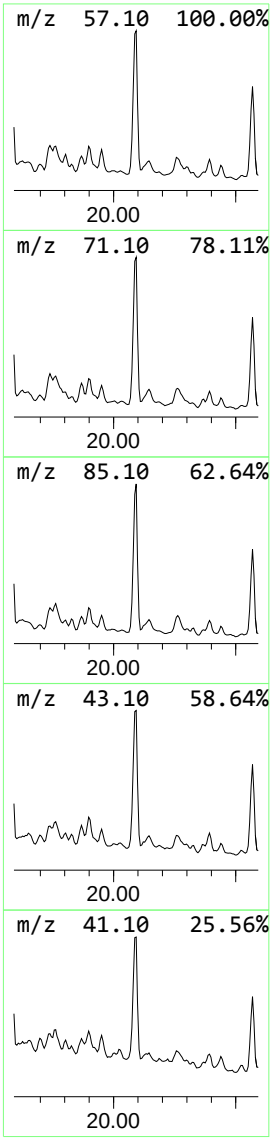
****

Peak Number 17 Nonadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.092	89.66 ng	7942260	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Docosane, 1-iodo-	436	C22H45I	1000406-31-9	91
5	Octadecane	254	C18H38	000593-45-3	91





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Acq On : 07 Dec 2021 20:40
Operator : CG/JU
Sample : M4954-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-5(7.5-8)

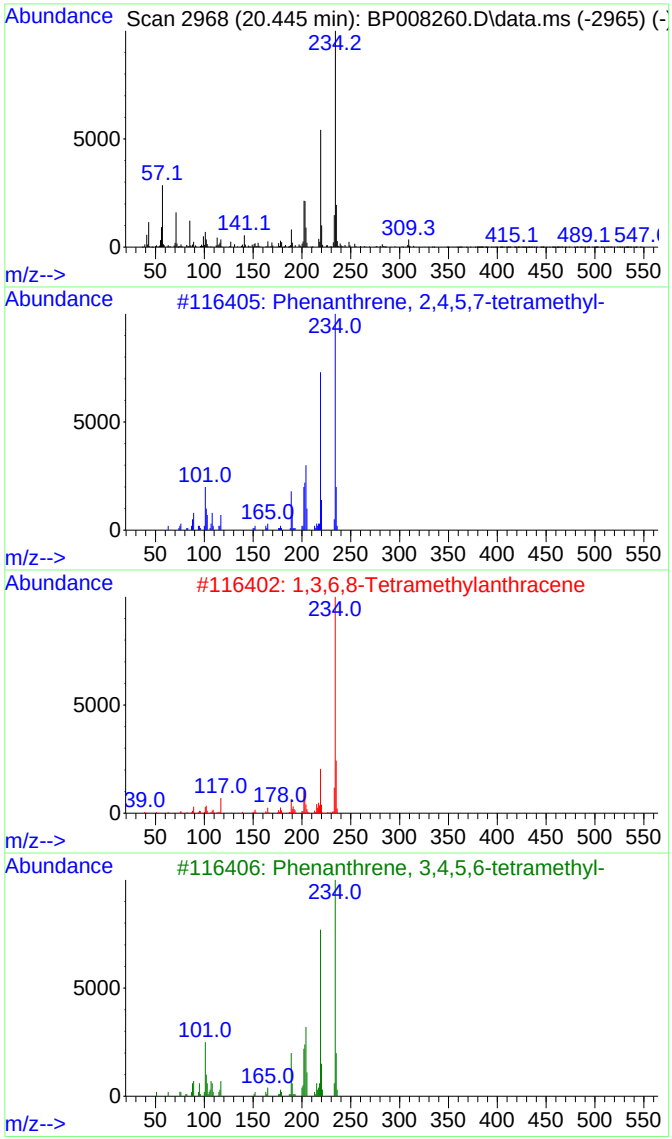
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

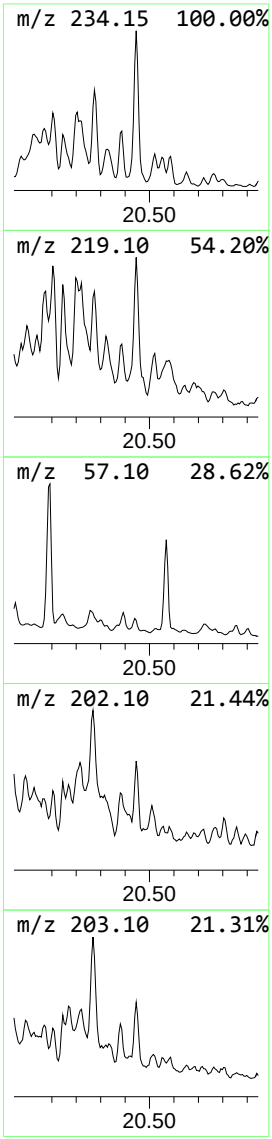
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Phenanthrene, 2,4,5,7-tetra... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.445	21.72 ng	1923840	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	78
2	1,3,6,8-Tetramethylanthracene	234	C18H18	017526-53-3	72
3	Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	64
4	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	53
5	Ethanone, 1-(4,6-dihydroxy-2,3,5...	234	C13H14O4	021987-07-5	53





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Data File : BP008260.D
Acq On : 07 Dec 2021 20:40
Operator : CG/JU
Sample : M4954-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-5(7.5-8)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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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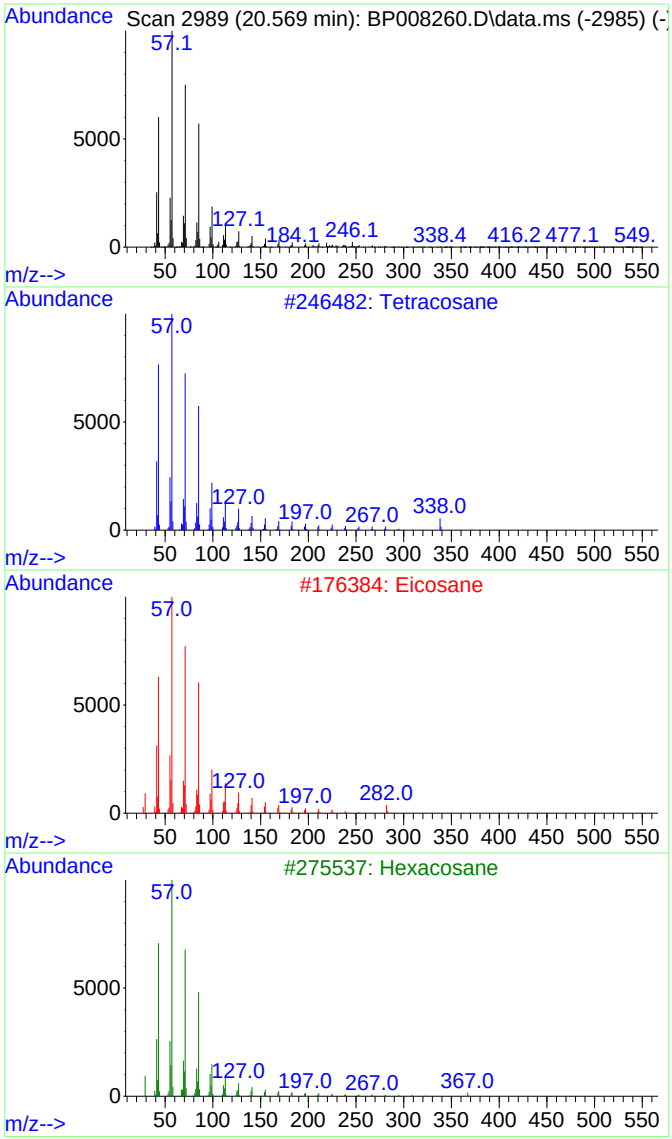
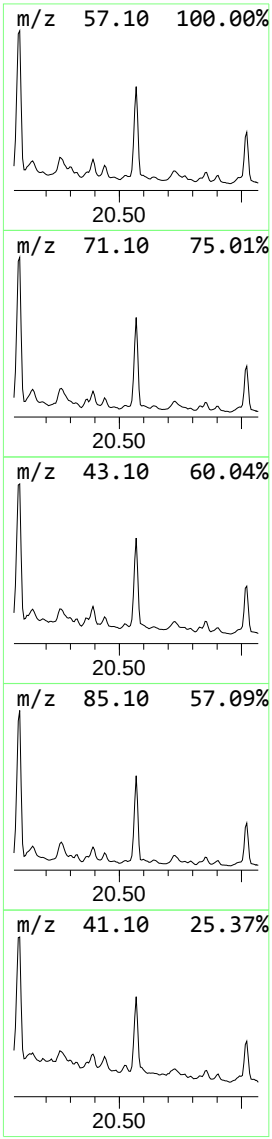
Peak Number 19 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.569	53.22 ng	4714040	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	98
2	Eicosane	282	C20H42	000112-95-8	97
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Octacosane	394	C28H58	000630-02-4	91





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Data File : BP008260.D
Acq On : 07 Dec 2021 20:40
Operator : CG/JU
Sample : M4954-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-5(7.5-8)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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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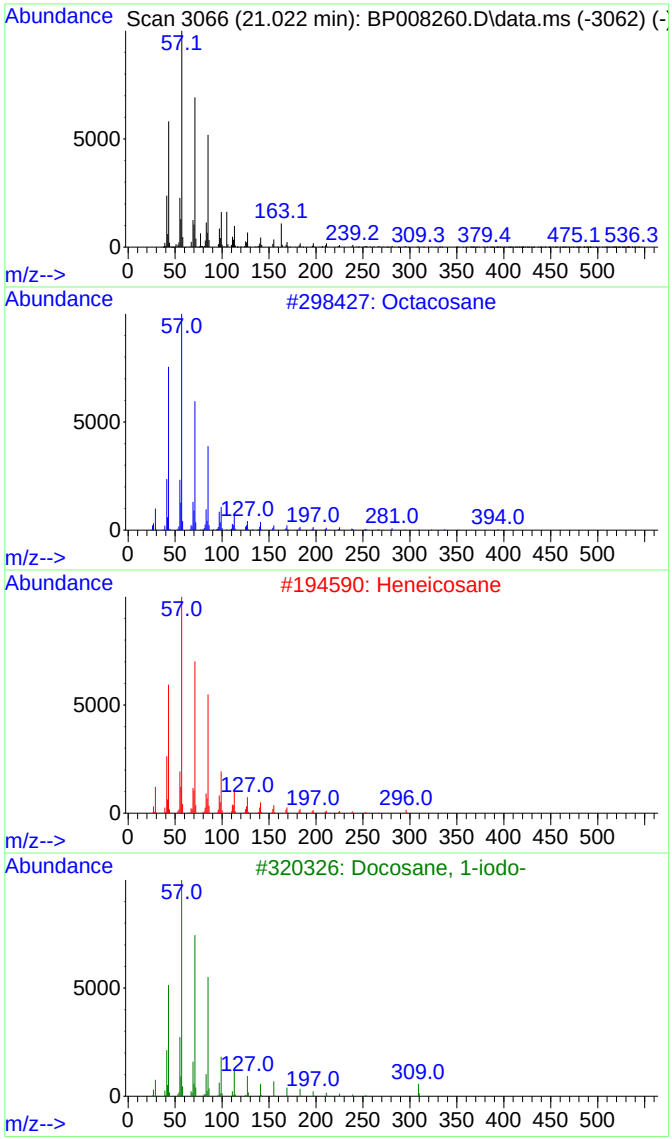
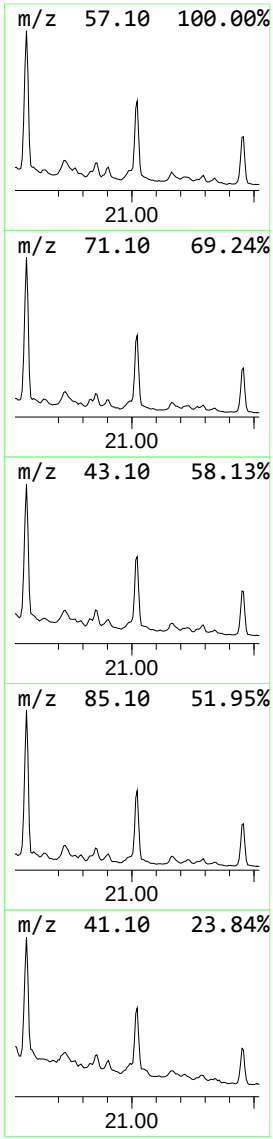
Peak Number 20 Octacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.022	28.32 ng	2508860	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Docosane, 1-iodo-	436	C22H45I	1000406-31-9	90
4	Hexadecane	226	C16H34	000544-76-3	87
5	Eicosane	282	C20H42	000112-95-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
Data File : BP008260.D
Acq On : 07 Dec 2021 20:40
Operator : CG/JU
Sample : M4954-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-5(7.5-8)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Nonane	5.811	22.9	ng	8556480	1	7.787	7486860	20.0
Decane	7.434	57.4	ng	21481800	1	7.787	7486860	20.0
Benzene, 1-meth...	8.340	20.3	ng	7609130	1	7.787	7486860	20.0
Benzene, 1,4-di...	8.434	34.6	ng	12948100	1	7.787	7486860	20.0
Undecane	9.052	62.5	ng	23399500	1	7.787	7486860	20.0
Benzene, 1,3-di...	9.157	27.8	ng	10399400	1	7.787	7486860	20.0
Naphthalene, 2,...	13.669	26.8	ng	43057700	3	14.481	32117300	20.0
Naphthalene, 1,...	13.840	26.7	ng	42911800	3	14.481	32117300	20.0
Undecane, 5-eth...	16.228	35.6	ng	20950700	4	17.245	11762300	20.0
2-Bromotetradecane	17.081	33.9	ng	19949100	4	17.245	11762300	20.0
Sulfurous acid,...	17.769	32.6	ng	19159100	4	17.245	11762300	20.0
Phenanthrene, 2...	18.175	28.6	ng	16826600	4	17.245	11762300	20.0
Eicosane	18.428	28.1	ng	16510700	4	17.245	11762300	20.0
3,4-Dimethylphe...	19.016	38.6	ng	22688100	4	17.245	11762300	20.0
di-p-Tolylacety...	19.345	21.1	ng	1864670	5	21.310	1771570	20.0
Phenanthrene, 2...	19.680	64.2	ng	5683850	5	21.310	1771570	20.0
Nonadecane	20.092	89.7	ng	7942260	5	21.310	1771570	20.0
Phenanthrene, 2...	20.445	21.7	ng	1923840	5	21.310	1771570	20.0
Tetracosane	20.569	53.2	ng	4714040	5	21.310	1771570	20.0
Octacosane	21.022	28.3	ng	2508860	5	21.310	1771570	20.0