LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009129.D
Acq On : 12 Feb 2022 00:05
Operator : CG/JU
Sample : N1505-03 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-021022

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-BP020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009129.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.393	402	409	427	rBV	1121633	2000894	4.57%	0.656%
2	6.993	675	681	695	rBV	1159795	2188472	5.00%	0.718%
3	7.793	809	817	828	rBV	940218	1595391	3.64%	0.523%
4	8.957	1009	1015	1022	rBV	748128	1386579	3.17%	0.455%
5	10.593	1282	1293	1298	rBV	1324903	2638438	6.03%	0.866%
6	10.640	1298	1301	1309	rVB	359474	615674	1.41%	0.202%
7	12.257	1567	1576	1584	rVB	675177	1113062	2.54%	0.365%
8	12.475	1606	1613	1623	rBV	866321	1529498	3.49%	0.502%
9	13.057	1705	1712	1723	rBV	2978595	4240027	9.68%	1.391%
10	13.269	1742	1748	1754	rVB2	367546	539445	1.23%	0.177%
11	13.598	1798	1804	1814	rBV3	713923	1963712	4.48%	0.644%
12	13.763	1825	1832	1836	rBV	1270059	2295472	5.24%	0.753%
13	13.816	1836	1841	1850	rVB	855048	1341258	3.06%	0.440%
14	13.998	1863	1872	1875	rBV	598532	1029936	2.35%	0.338%
15	14.163	1892	1900	1913	rBV	1323282	2265071	5.17%	0.743%
16	14.339	1925	1930	1936	rVB	437505	589666	1.35%	0.193%
17	14.439	1937	1947	1952	rVV	2391737	3676589	8.40%	1.206%
18	14.504	1952	1958	1965	rVB	985633	1617378	3.69%	0.531%
19	14.651	1977	1983	1991	rVB2	333215	786599	1.80%	0.258%
20	14.839	2004	2015	2022	rVV	1277059	2141356	4.89%	0.703%
21	14.916	2022	2028	2033	rVV	836246	1185066	2.71%	0.389%
22	15.057	2044	2052	2057	rBV2	703575	1382954	3.16%	0.454%
23	15.110	2057	2061	2066	rVB	540911	773354	1.77%	0.254%
24	15.233	2074	2082	2085	rBV2	404682	987364	2.25%	0.324%
25	15.298	2090	2093	2102	rVB2	474065	829700	1.89%	0.272%
26	15.398	2102	2110	2114	rBV3	251444	560057	1.28%	0.184%
27	15.492	2120	2126	2137	rVB	2097336	3686209	8.42%	1.209%
28	15.704	2157	2162	2166	rBV2	400440	615789	1.41%	0.202%
29	15.786	2171	2176	2184	rVB3	355105	795842	1.82%	0.261%
30	15.939	2197	2202	2209	rVB	2720487	4206586	9.61%	1.380%
31	16.004	2209	2213	2224	rVB2	196418	494893	1.13%	0.162%
32	16.163	2235	2240	2254	rVB3	833749	1775156	4.05%	0.582%
33	16.498	2289	2297	2302	rBV	876161	1837456	4.20%	0.603%
34	16.551	2302	2306	2312	rVB2	592409	923937	2.11%	0.303%
35	16.651	2319	2323	2328	rVB	546806	765711	1.75%	0.251%
36	16.775	2341	2344	2354	rVB3	279002	461989	1.06%	0.152%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009129.D
Acq On : 12 Feb 2022 00:05
Operator : CG/JU
Sample : N1505-03 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-021022

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-BP020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.957	2372	2375	2379	rVV	553650	751567	1.72%	0.247%
38	17.016	2380	2385	2394	rVB	990388	1702358	3.89%	0.558%
39	17.198	2410	2416	2419	rBV	2890844	4083283	9.33%	1.340%
40	17.245	2419	2424	2430	rVV	8833576	12876171	29.41%	4.224%
41	17.333	2434	2439	2444	rVB	2962500	3918021	8.95%	1.285%
42	17.398	2444	2450	2455	rBV3	466269	977697	2.23%	0.321%
43	17.610	2482	2486	2492	rBV3	465995	862609	1.97%	0.283%
44	17.704	2497	2502	2506	rVV2	544536	1140559	2.60%	0.374%
45	17.745	2506	2509	2512	rVV2	654053	905584	2.07%	0.297%
46	17.780	2512	2515	2523	rVV	676209	1095436	2.50%	0.359%
47	17.875	2525	2531	2535	rVV	11425105	15022083	34.31%	4.928%
48	17.922	2535	2539	2545	rVB	411364	725174	1.66%	0.238%
49	18.069	2559	2564	2568	rBV	2754209	3955824	9.03%	1.298%
50	18.116	2568	2572	2579	rVB	3477036	5289997	12.08%	1.735%
51	18.198	2581	2586	2591	rBV	1185271	1819317	4.15%	0.597%
52	18.257	2591	2596	2600	rVV2	3700698	6601271	15.08%	2.166%
53	18.292	2600	2602	2611	rVB	2035336	2496483	5.70%	0.819%
54	18.374	2612	2616	2619	rBV	499916	696154	1.59%	0.228%
55	18.551	2640	2646	2650	rVV	1249688	1943115	4.44%	0.637%
56	18.604	2653	2655	2663	rVB2	488226	634825	1.45%	0.208%
57	18.792	2684	2687	2690	rVV	717285	804133	1.84%	0.264%
58	18.839	2692	2695	2699	rVV	947279	1168073	2.67%	0.383%
59	18.880	2699	2702	2706	rVB2	763939	967953	2.21%	0.318%
60	18.986	2710	2720	2723	rBV2	21420924	43787864	100.00%	14.365%
61	19.022	2723	2726	2734	rVB3	19668782	30246152	69.07%	9.923%
62	19.092	2734	2738	2741	rBV2	949033	1462277	3.34%	0.480%
63	19.139	2741	2746	2752	rVB	6302525	8239719	18.82%	2.703%
64	19.221	2752	2760	2765	rBV	9471675	15145001	34.59%	4.969%
65	19.310	2772	2775	2781	rBV3	502382	755297	1.72%	0.248%
66	19.363	2781	2784	2788	rVB	598777	723655	1.65%	0.237%
67	19.451	2796	2799	2802	rBV2	501335	660930	1.51%	0.217%
68	19.486	2802	2805	2809	rVB2	701288	936439	2.14%	0.307%
69	19.574	2810	2820	2828	rBV	9034312	16170681	36.93%	5.305%
70	19.645	2828	2832	2838	rBV2	1002935	1643808	3.75%	0.539%
71	19.763	2848	2852	2856	rVB	5062531	6123804	13.99%	2.009%
72	19.804	2856	2859	2864	rVB2	490840	837966	1.91%	0.275%
73	19.898	2869	2875	2881	rBV3	1016276	2418930	5.52%	0.794%
74	20.021	2891	2896	2897	rBV2	994748	1347490	3.08%	0.442%
75	20.057	2899	2902	2906	rVB	2266169	3008703	6.87%	0.987%
76	20.151	2914	2918	2922	rVB	1773898	2149022	4.91%	0.705%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009129.D
Acq On : 12 Feb 2022 00:05
Operator : CG/JU
Sample : N1505-03 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-021022

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-BP020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	20.210	2923	2928	2932	rBV3	1835051	2847160	6.50%	0.934%
78	20.345	2948	2951	2955	rBV	1205673	1669693	3.81%	0.548%
79	20.392	2955	2959	2962	rVV	1164823	1495568	3.42%	0.491%
80	21.286	3106	3111	3116	rBV2	5239160	10866599	24.82%	3.565%
81	21.333	3116	3119	3127	rVB	4230407	5426789	12.39%	1.780%
82	21.410	3128	3132	3136	rBV	2803198	3971420	9.07%	1.303%
83	21.874	3208	3211	3217	rVB2	1037093	1617862	3.69%	0.531%
84	22.968	3393	3397	3403	rBV	1650437	3447481	7.87%	1.131%
85	23.492	3482	3486	3492	rVB	1494165	2610421	5.96%	0.856%
86	23.598	3498	3504	3510	rVB	2757540	5352386	12.22%	1.756%
87	23.698	3518	3521	3526	rVB2	1705114	2578422	5.89%	0.846%

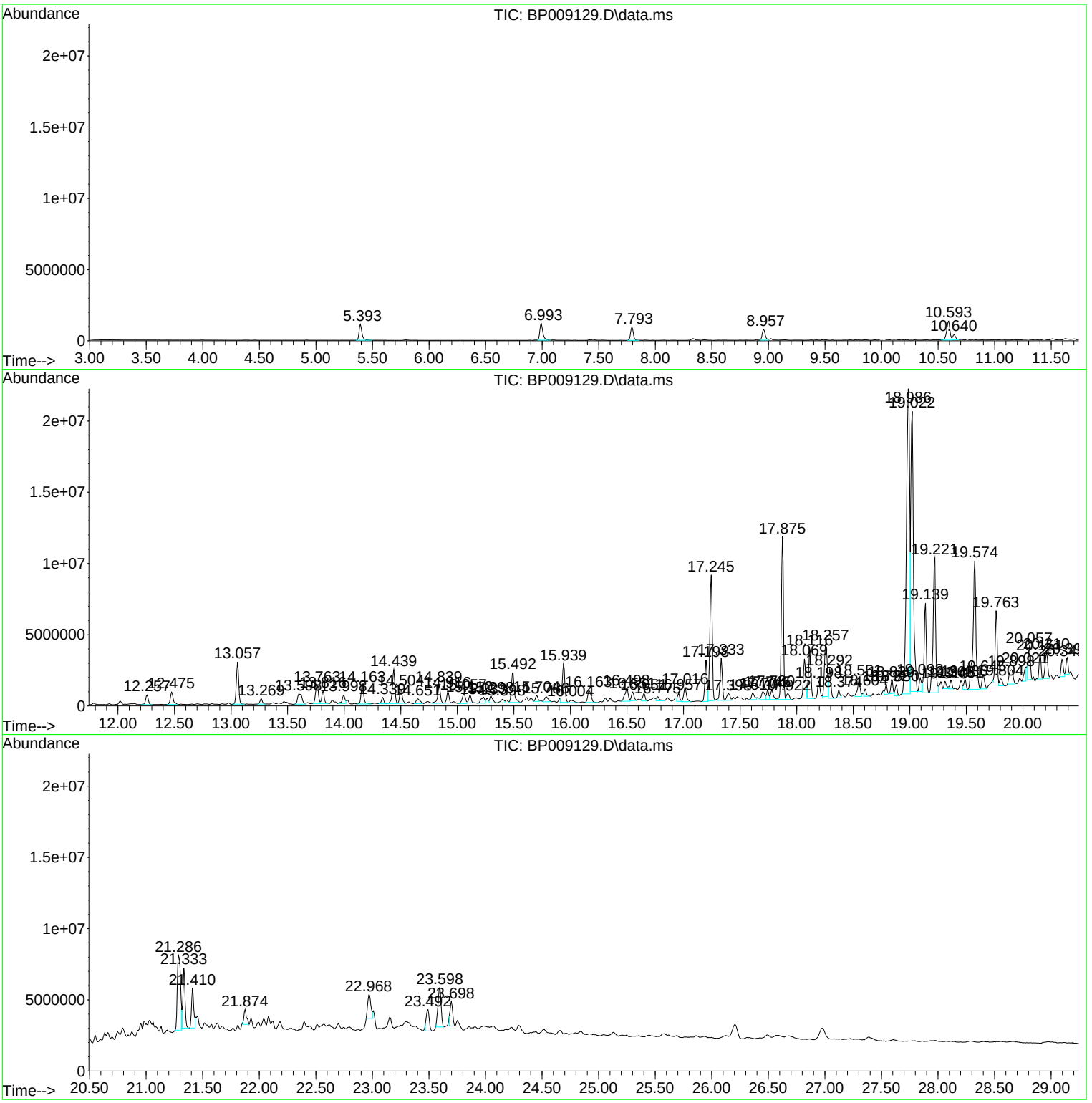
Sum of corrected areas: 304815806

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009129.D
Acq On : 12 Feb 2022 00:05
Operator : CG/JU
Sample : N1505-03 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-021022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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\BP021122\
Data File : BP009129.D
Acq On : 12 Feb 2022 00:05
Operator : CG/JU
Sample : N1505-03 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-021022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

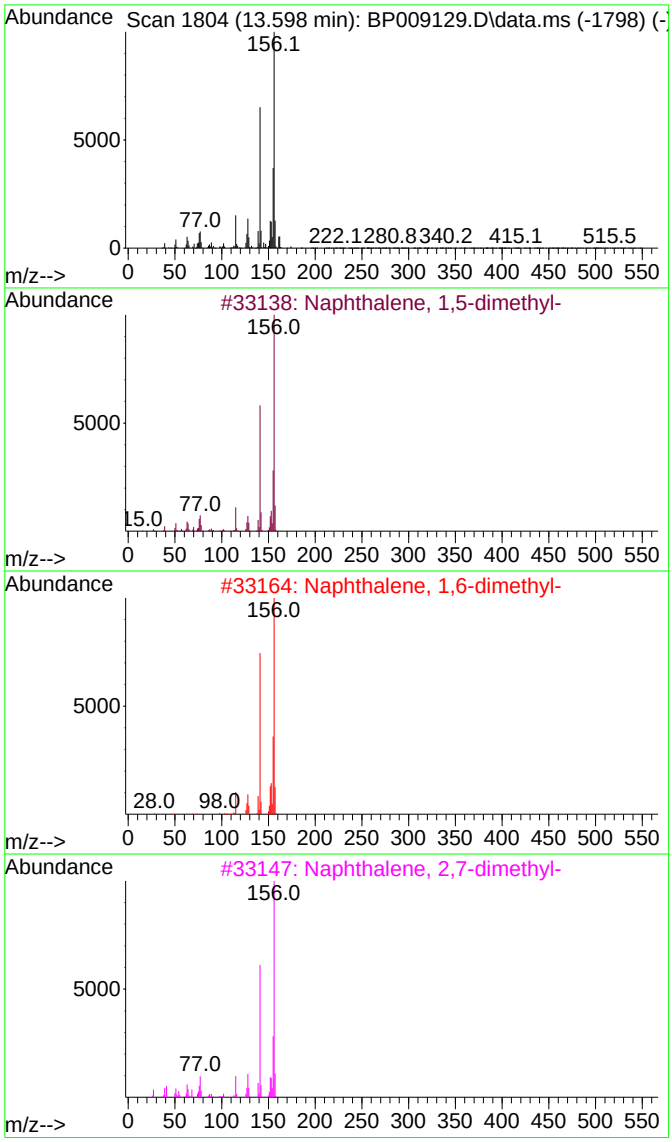
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

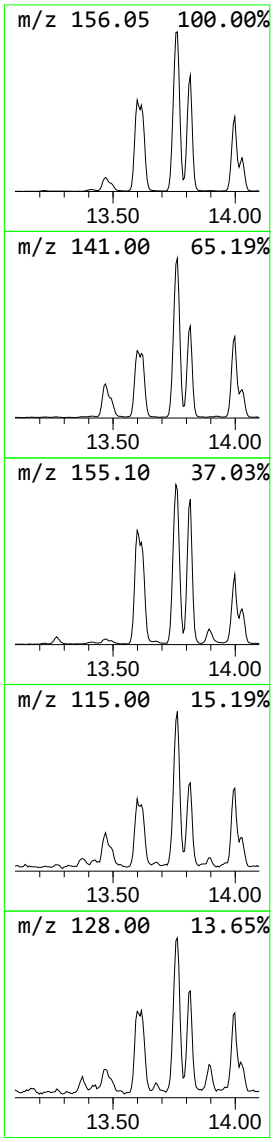
****

Peak Number 1 Naphthalene, 1,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.598	10.68 ng	1963710	Acenaphthene-d10	14.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009129.D
Acq On : 12 Feb 2022 00:05
Operator : CG/JU
Sample : N1505-03 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-021022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

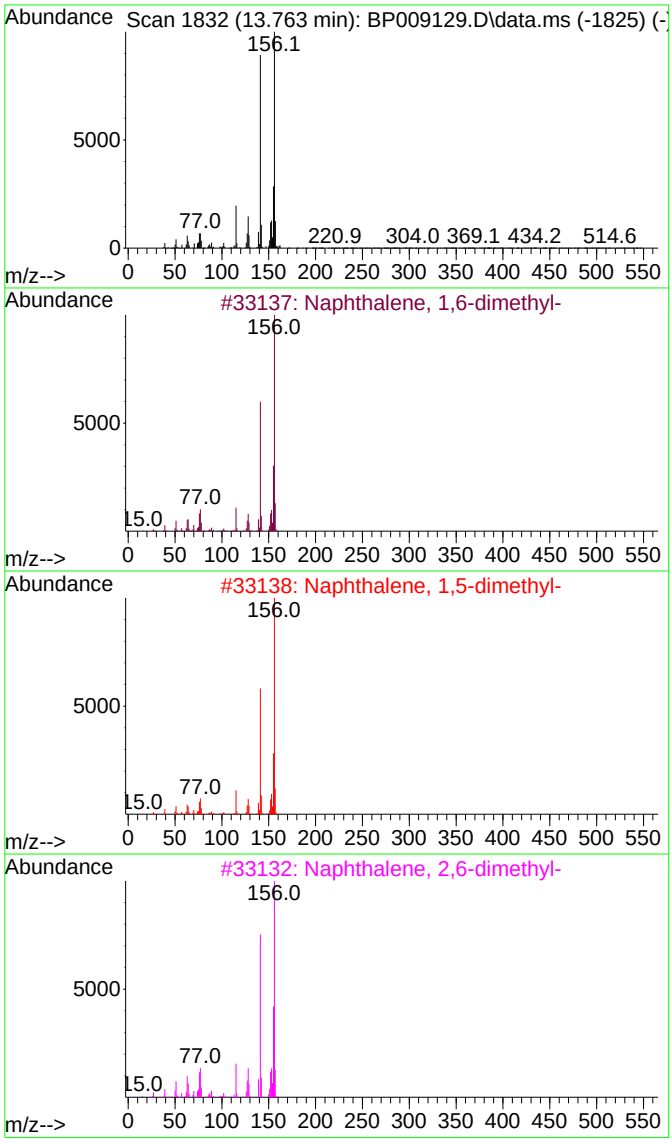
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

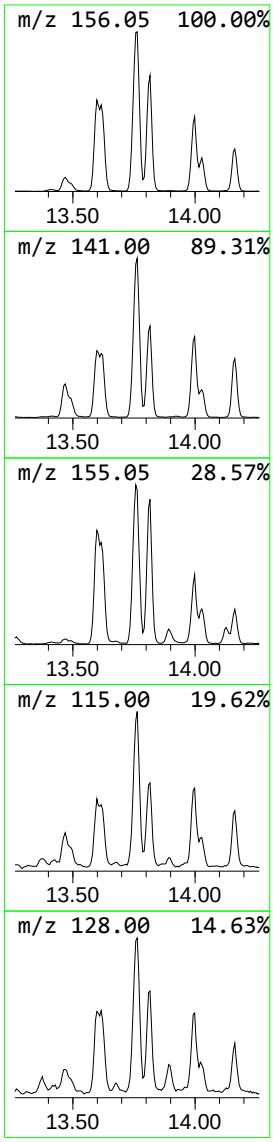
****

Peak Number 2 Naphthalene, 1,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.763	12.49 ng	2295470	Acenaphthene-d10	14.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009129.D
Acq On : 12 Feb 2022 00:05
Operator : CG/JU
Sample : N1505-03 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-021022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

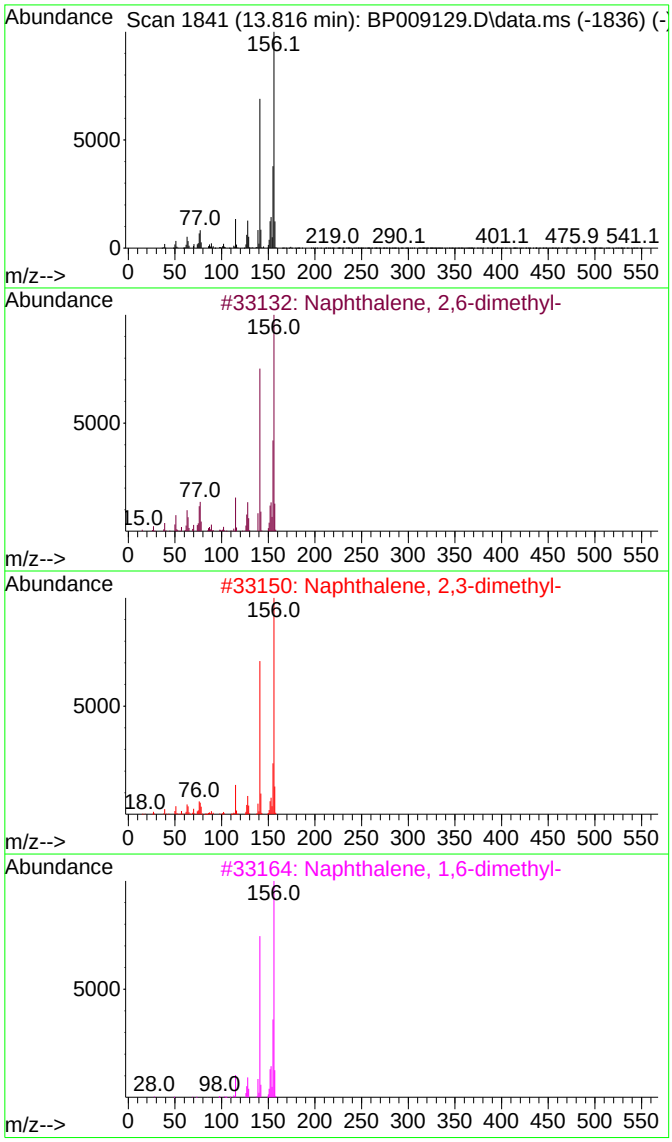
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

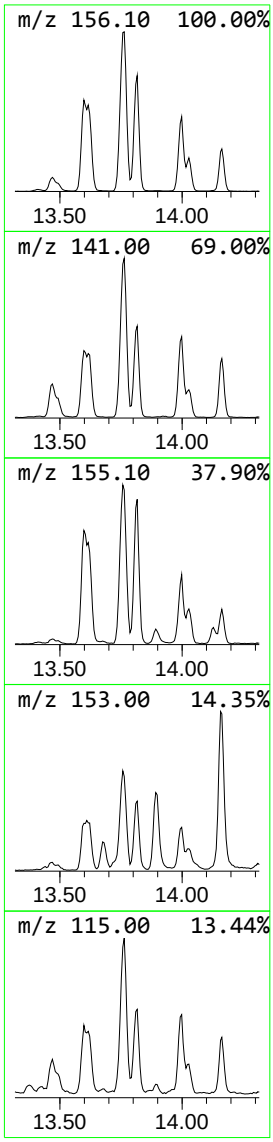
****

Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.816	7.30 ng	1341260	Acenaphthene-d10	14.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009129.D
Acq On : 12 Feb 2022 00:05
Operator : CG/JU
Sample : N1505-03 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-021022

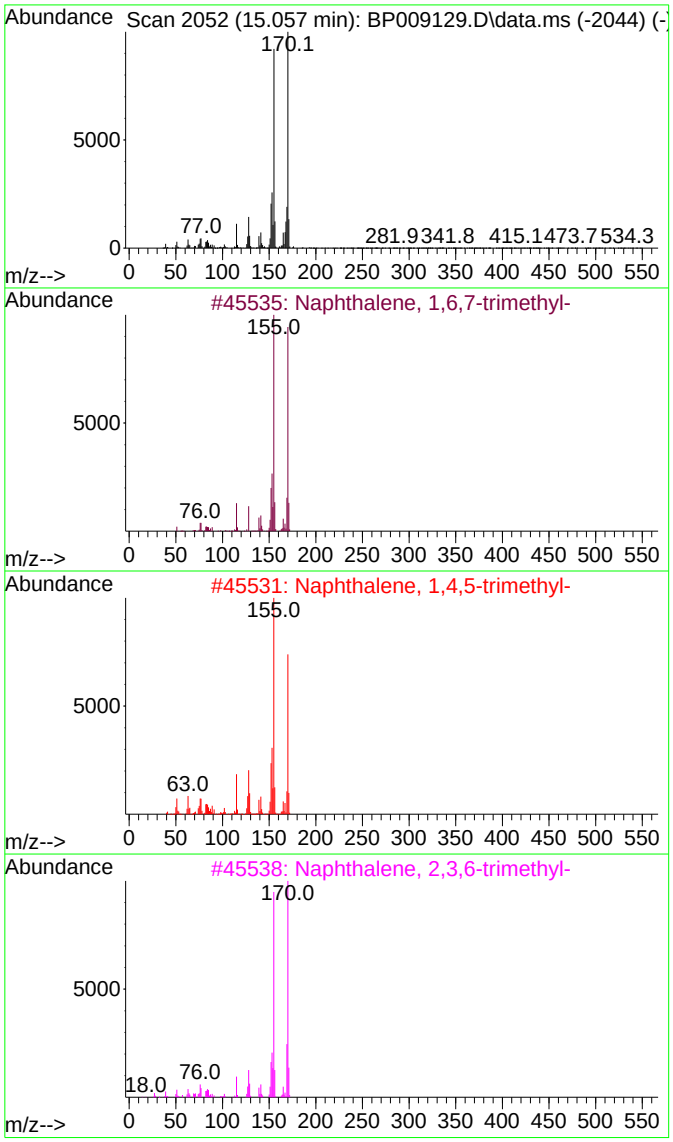
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

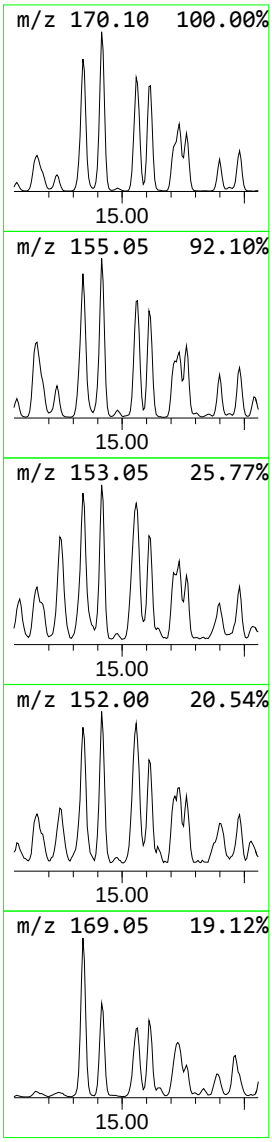
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 1,6,7-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.057	7.52 ng	1382950	Acenaphthene-d10	14.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	97
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009129.D
Acq On : 12 Feb 2022 00:05
Operator : CG/JU
Sample : N1505-03 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-021022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

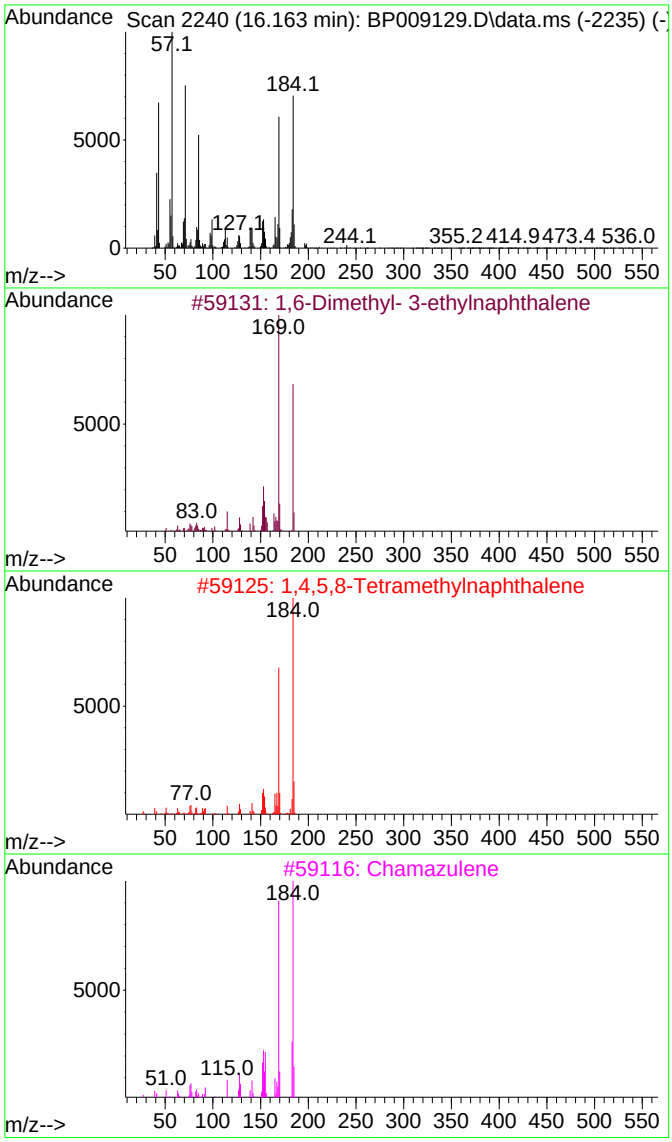
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

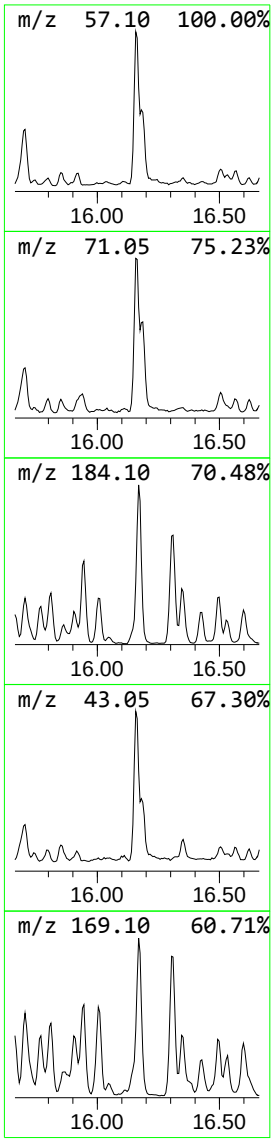
****

Peak Number 5 1,6-Dimethyl- 3-ethylnaphth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.163	8.69 ng	1775160	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Dimethyl- 3-ethylnaphthalene	184	C14H16	1000383-71-8	66
2	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	64
3	Chamazulene	184	C14H16	000529-05-5	64
4	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	60
5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009129.D
Acq On : 12 Feb 2022 00:05
Operator : CG/JU
Sample : N1505-03 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-021022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

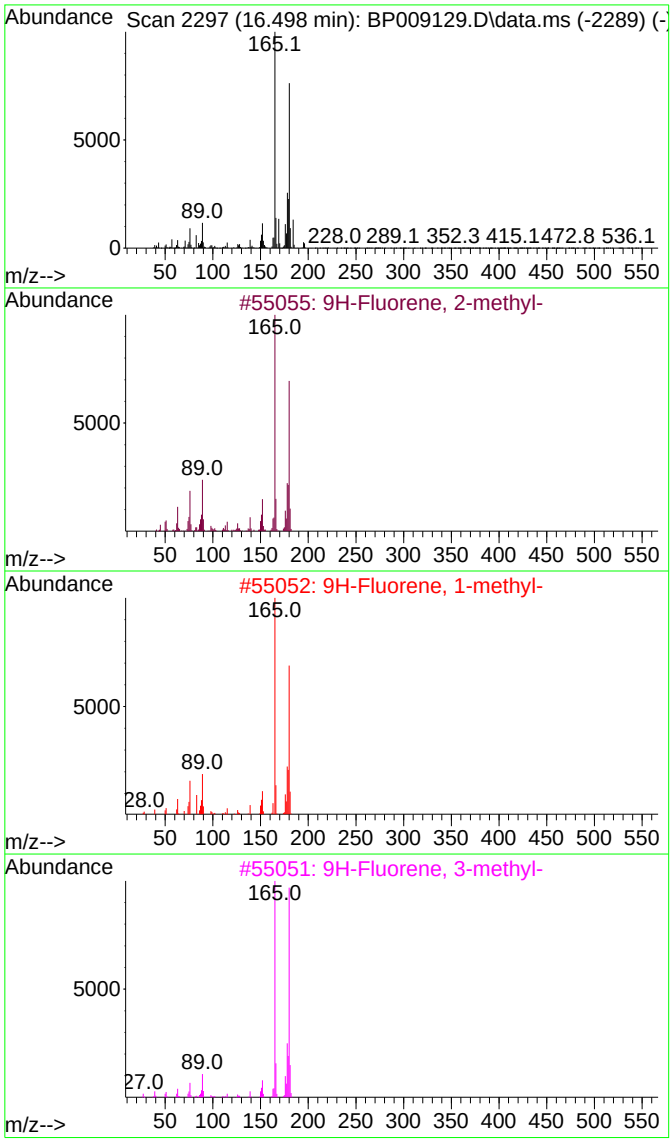
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

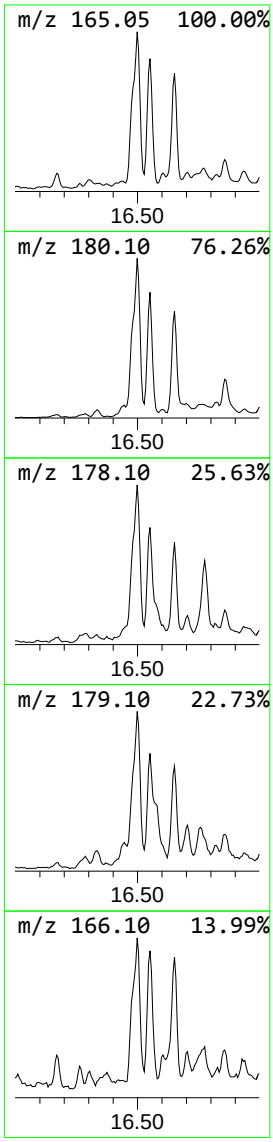
****

Peak Number 6 9H-Fluorene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.498	9.00 ng	1837460	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	89
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	86
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	74





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Acq On : 12 Feb 2022 00:05
Operator : CG/JU
Sample : N1505-03 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-021022

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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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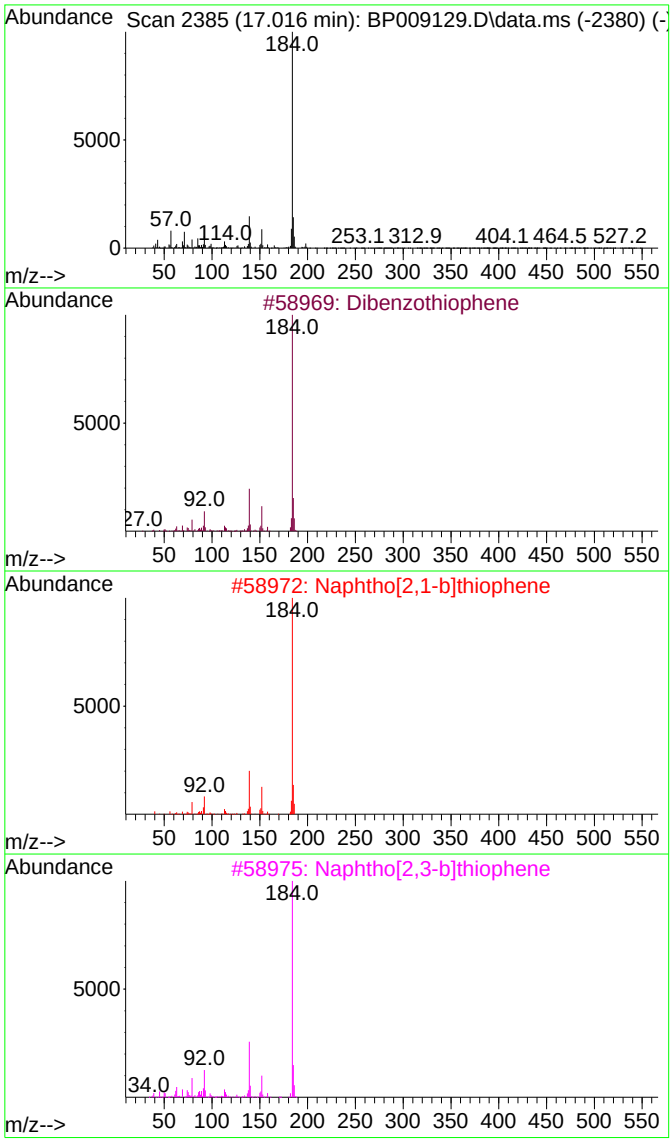
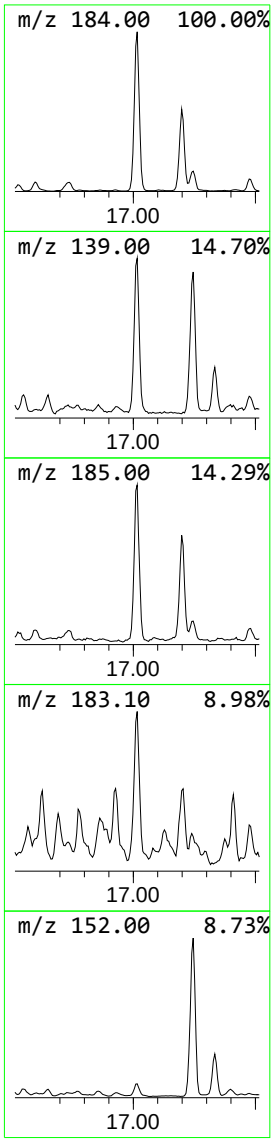
Peak Number 7 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.016	8.34 ng	1702360	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
5	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	80





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-03-021022

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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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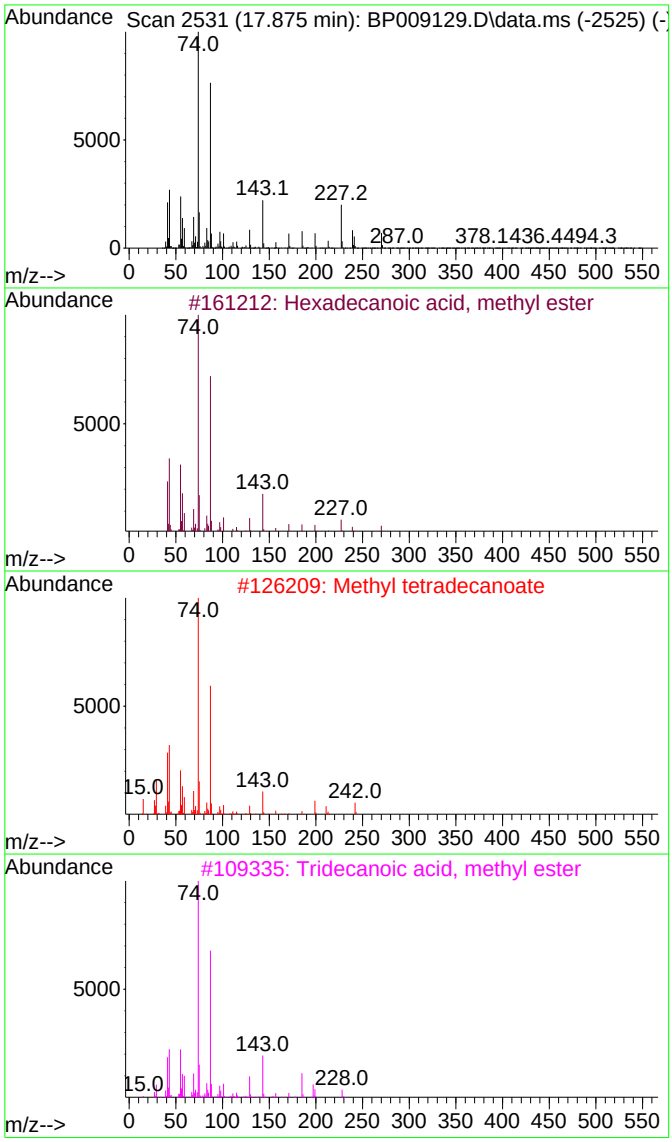
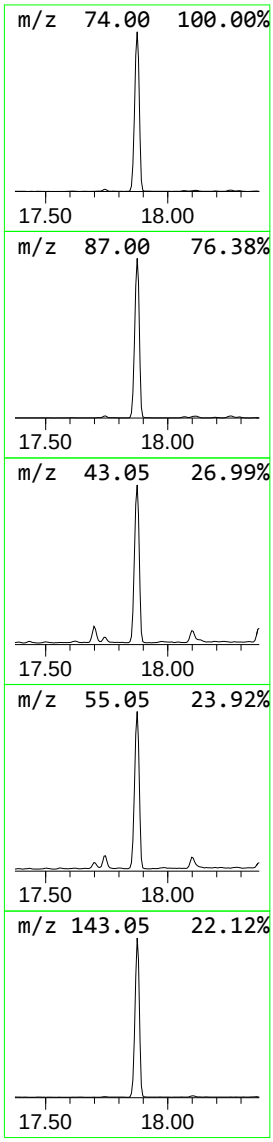
Peak Number 8 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.875	73.58 ng	15022100	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	93
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
4	Undecanoic acid, 10-methyl-, met...	214	C13H26O2	005129-56-6	72
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	72





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Misc :
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ClientSampleId :
SU-03-021022

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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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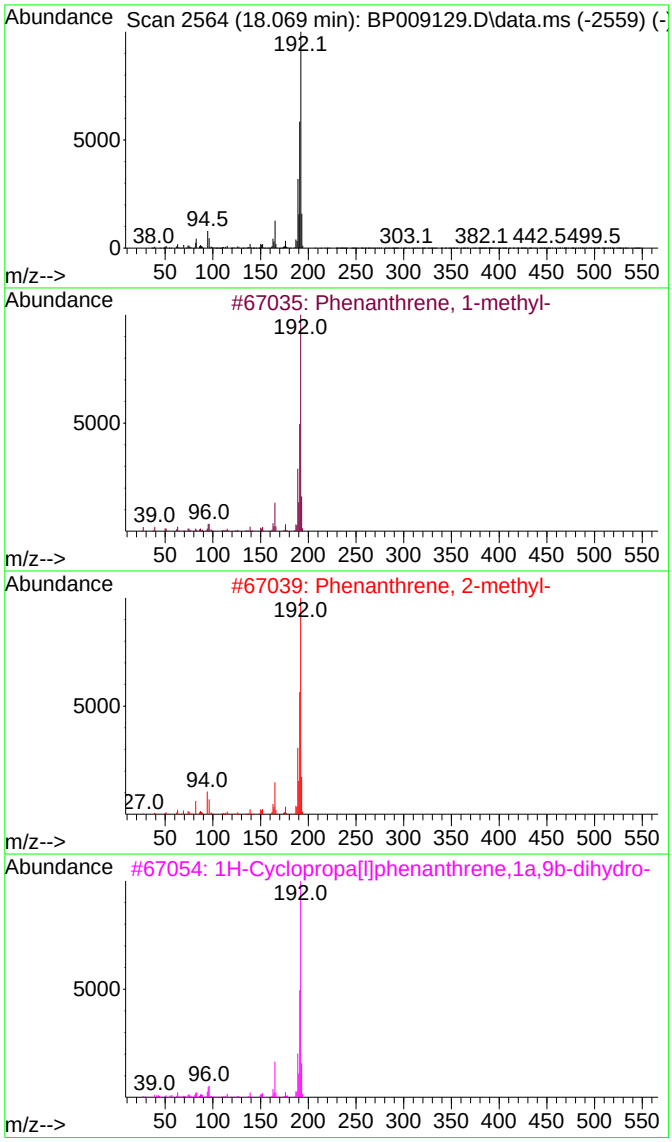
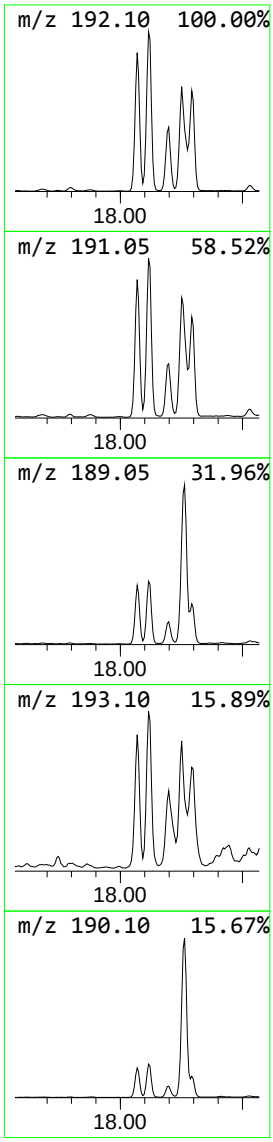
Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.069	19.38 ng	3955820	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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Operator : CG/JU
Sample : N1505-03 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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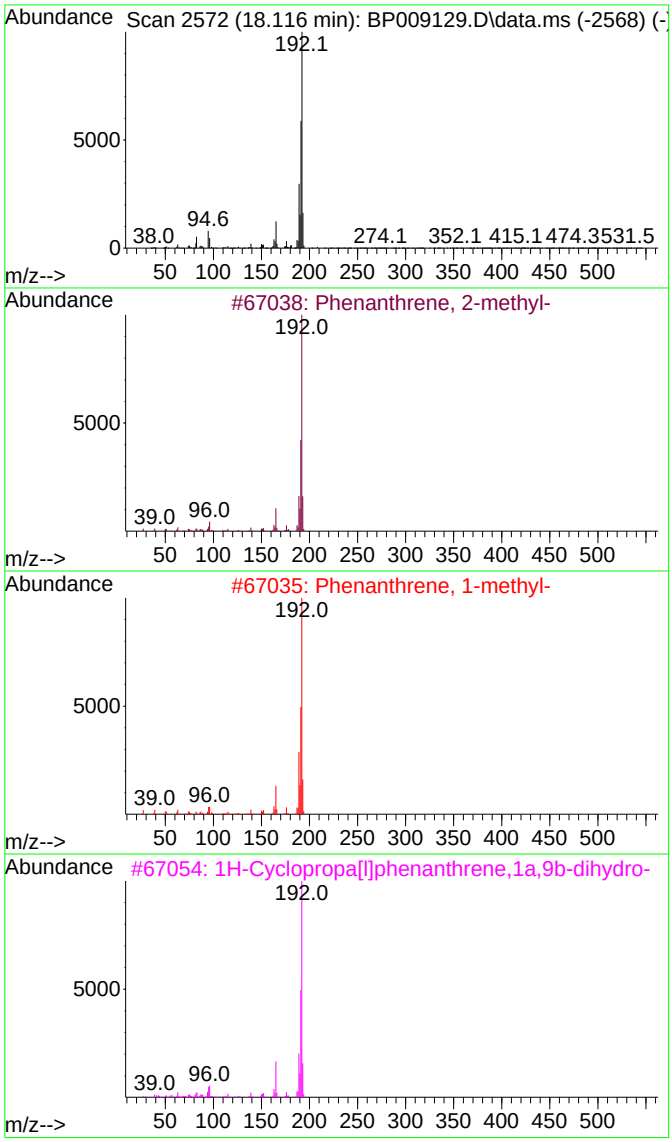
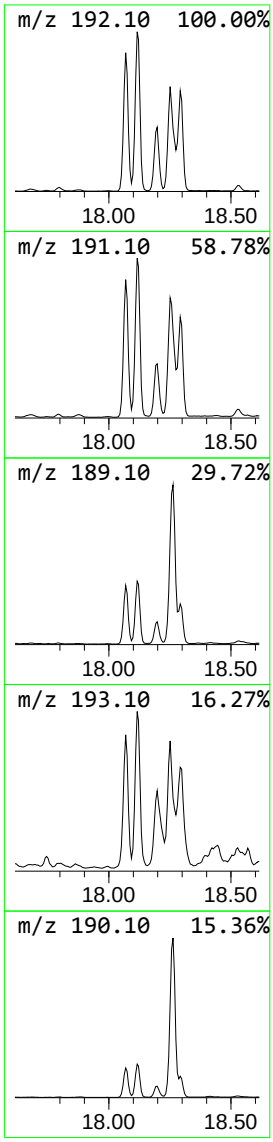
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.116	25.91 ng	5290000	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





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Misc :
ALS Vial : 20 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

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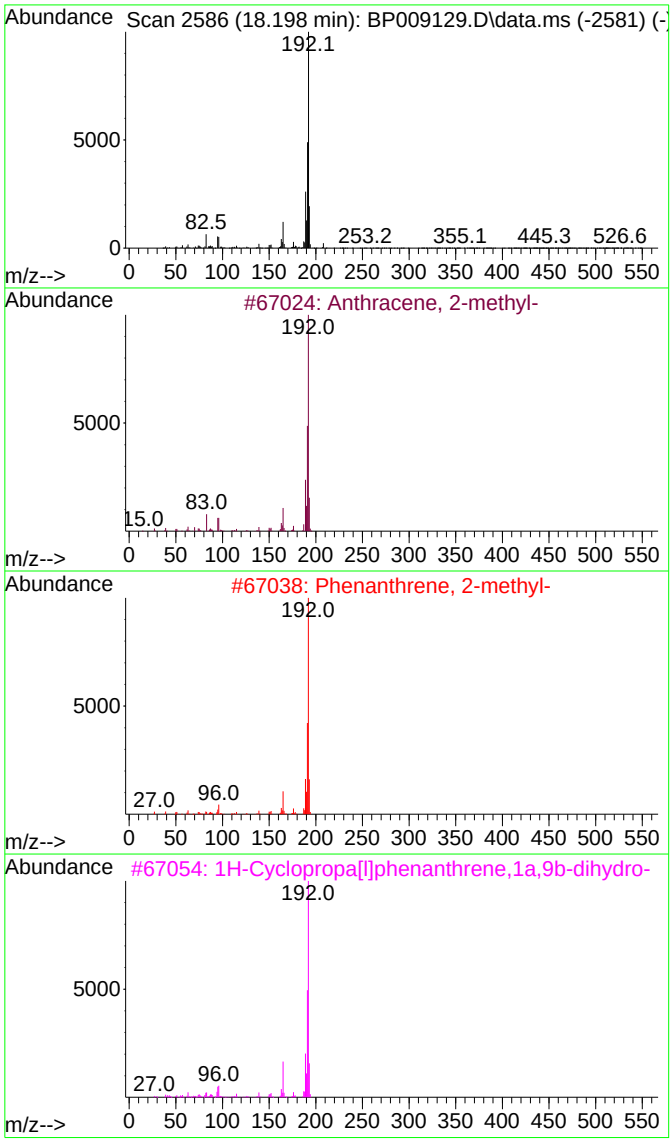
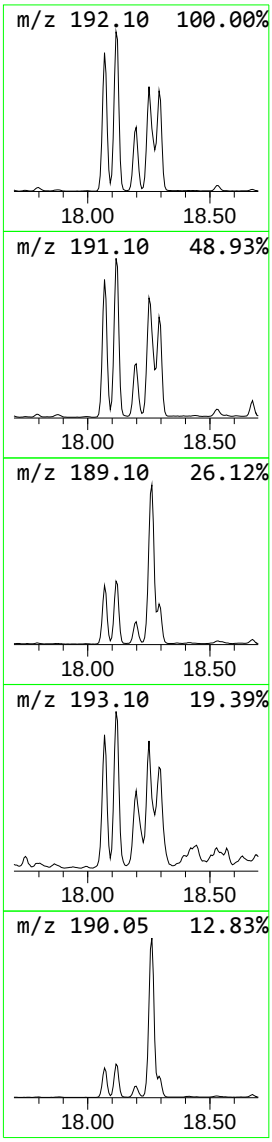
Peak Number 11 Anthracene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.198	8.91 ng	1819320	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95





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Sample : N1505-03 2X
Misc :
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ClientSampleId :
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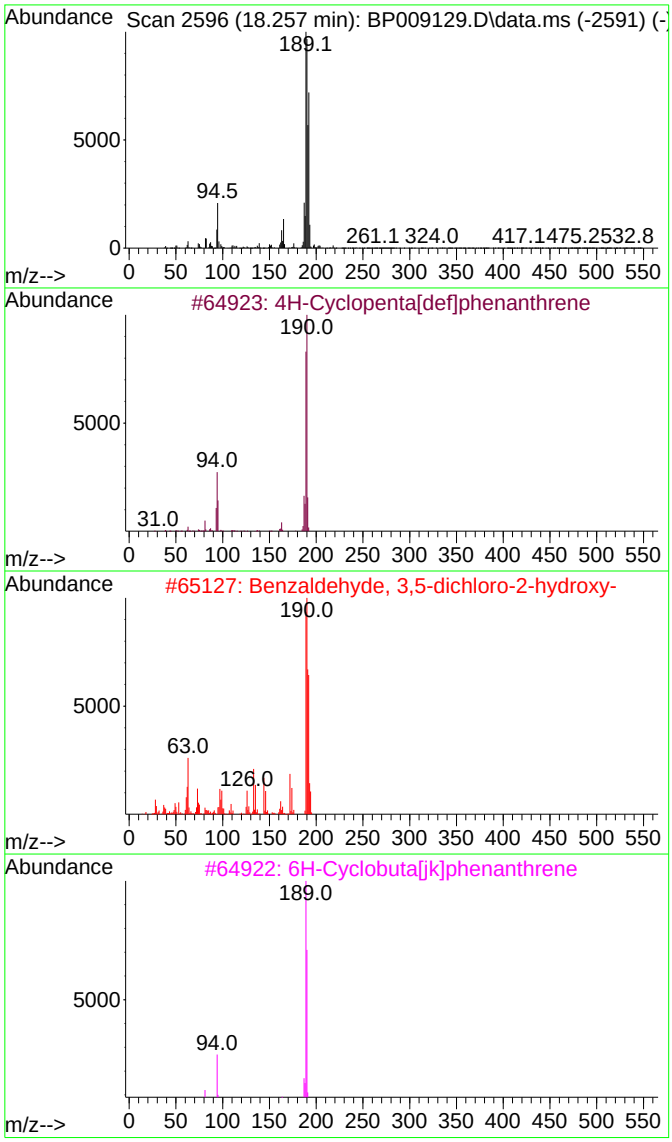
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

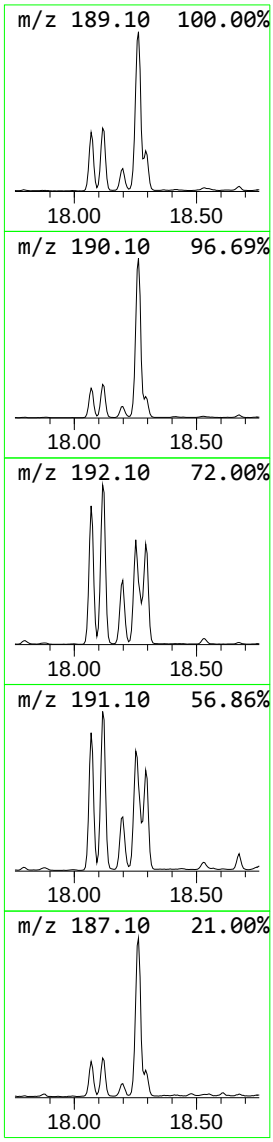
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.257	32.33 ng	6601270	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	30





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Sample : N1505-03 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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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

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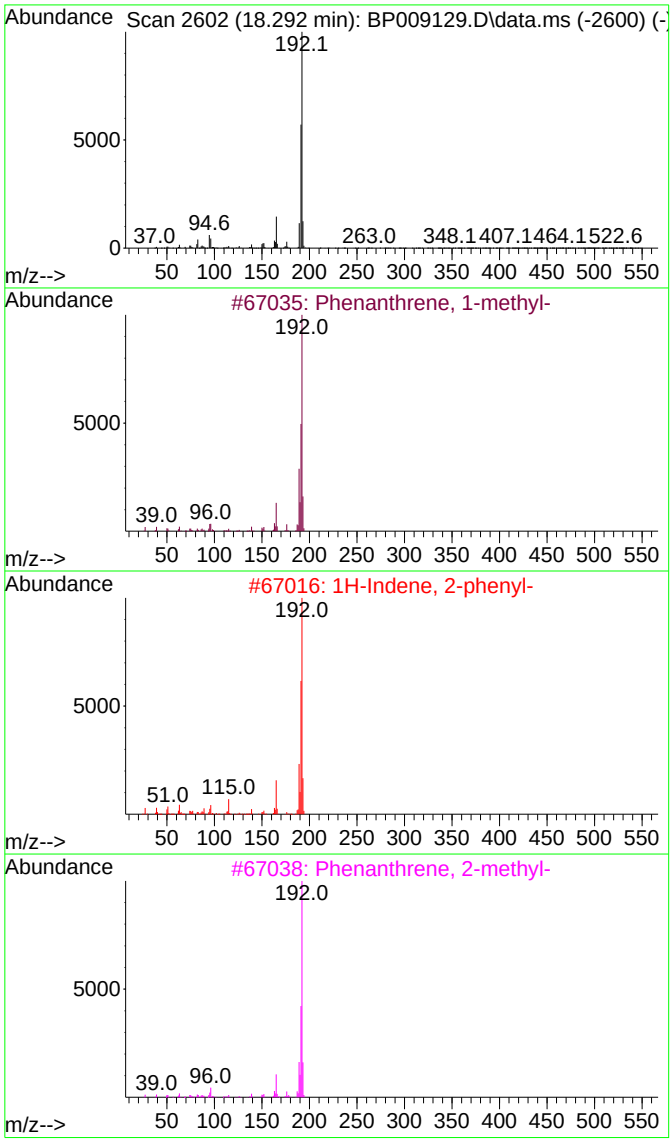
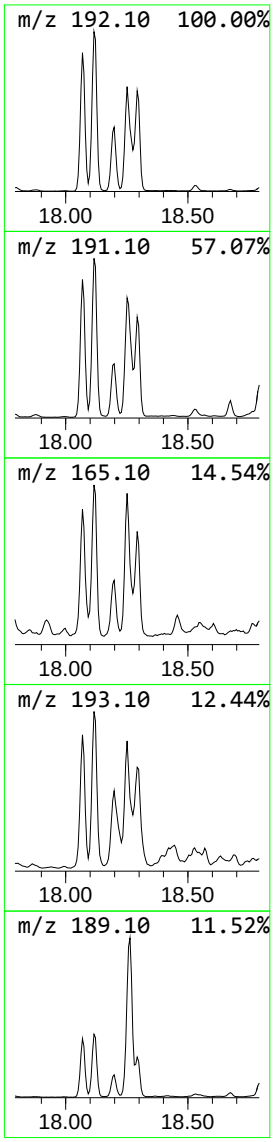
Peak Number 13 1H-Indene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.292	12.23 ng	2496480	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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Misc :
ALS Vial : 20 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

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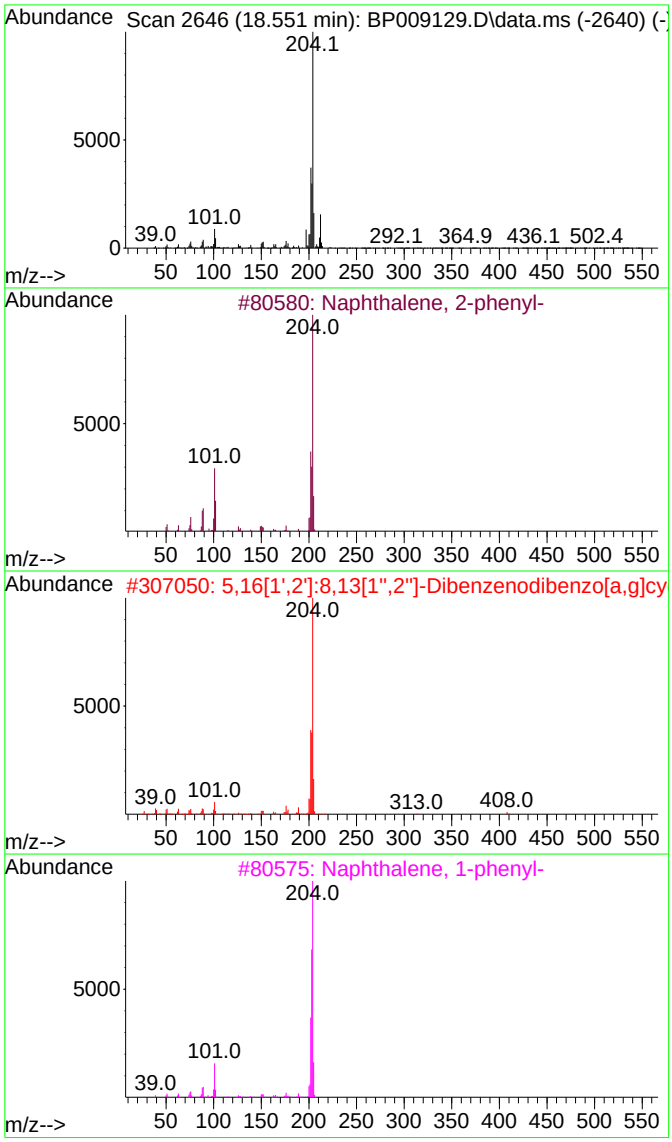
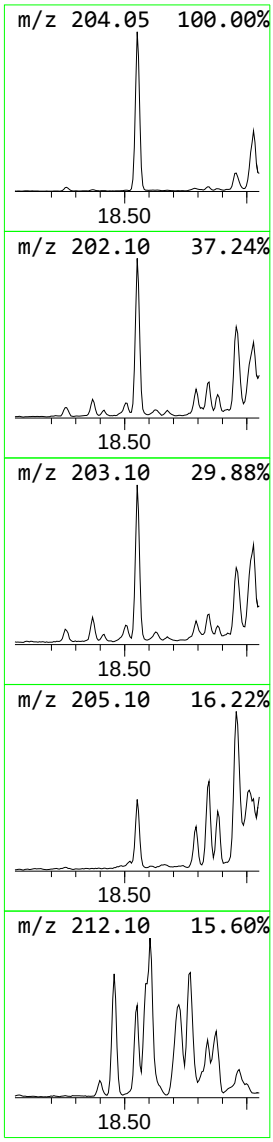
Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.551	9.52 ng	1943120	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53
4	Pyrazol-5-ol, 3-(3,4-methylenedi...	204	C10H8N2O3	1000271-76-1	52
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	50





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Misc :
ALS Vial : 20 Sample Multiplier: 1

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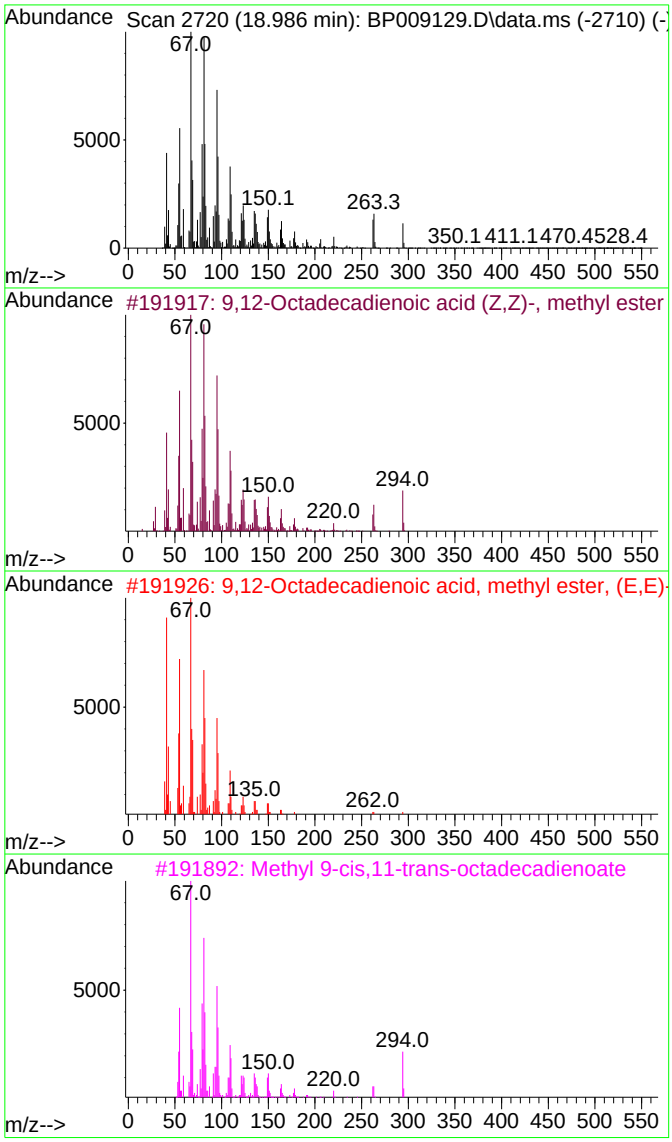
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

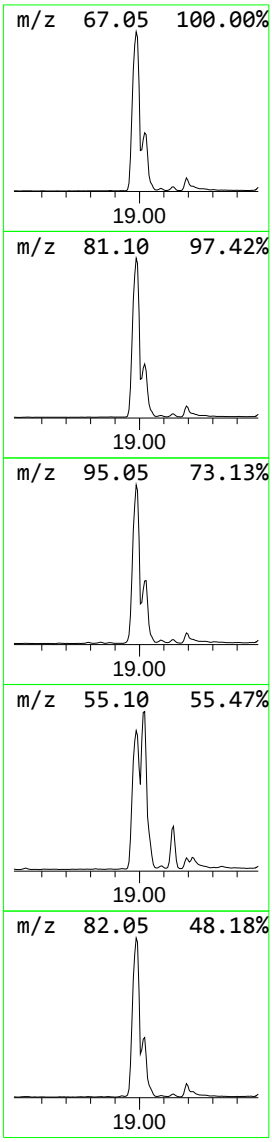
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 9,12-Octadecadienoic acid (... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.986	214.47 ng	43787900	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99
4	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99





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Misc :
ALS Vial : 20 Sample Multiplier: 1

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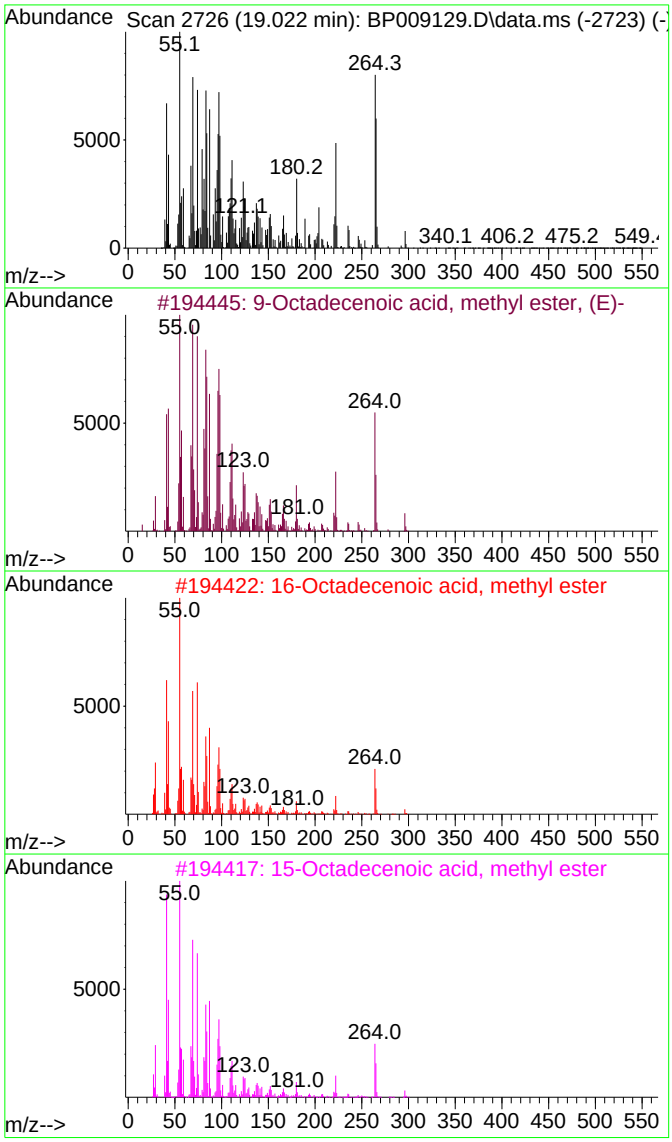
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

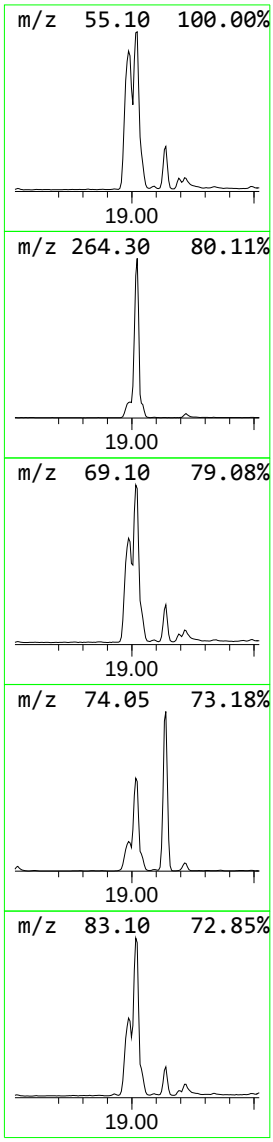
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 9-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.022	148.15 ng	30246200	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
3	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
5	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	98





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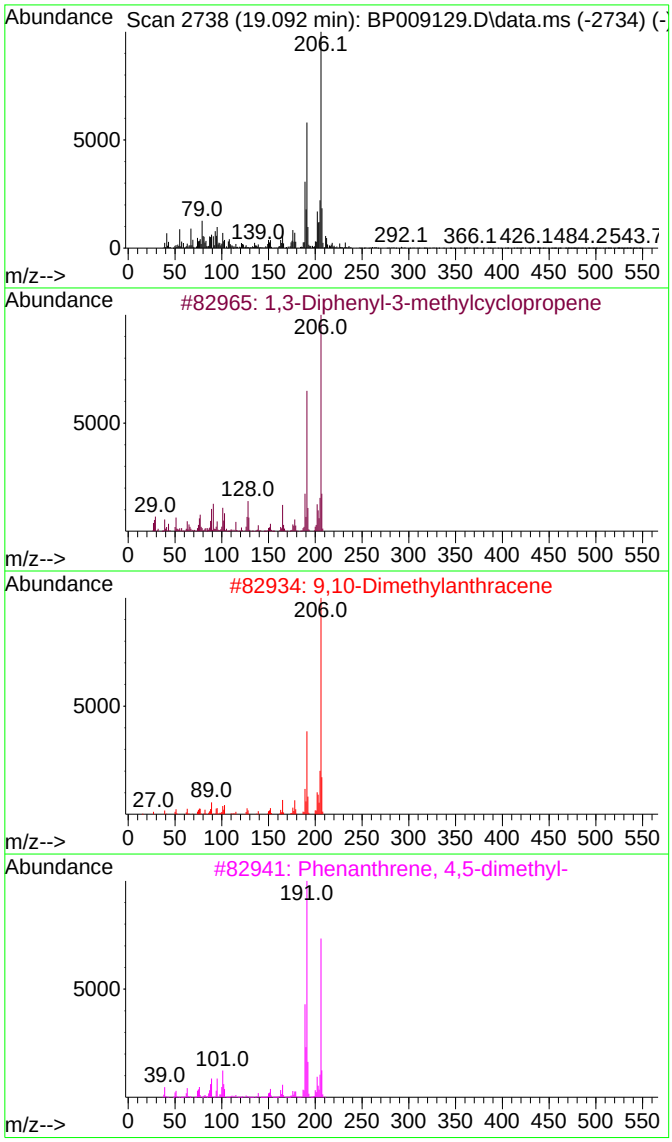
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

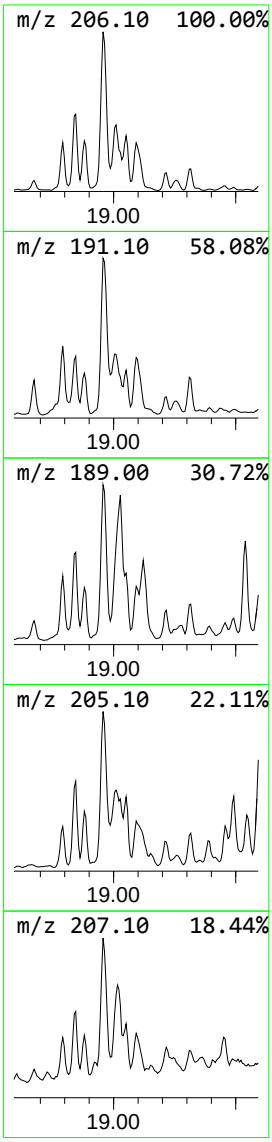
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1,3-Diphenyl-3-methylcyclop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.092	7.16 ng	1462280	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	94
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87





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Data File : BP009129.D
Acq On : 12 Feb 2022 00:05
Operator : CG/JU
Sample : N1505-03 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-021022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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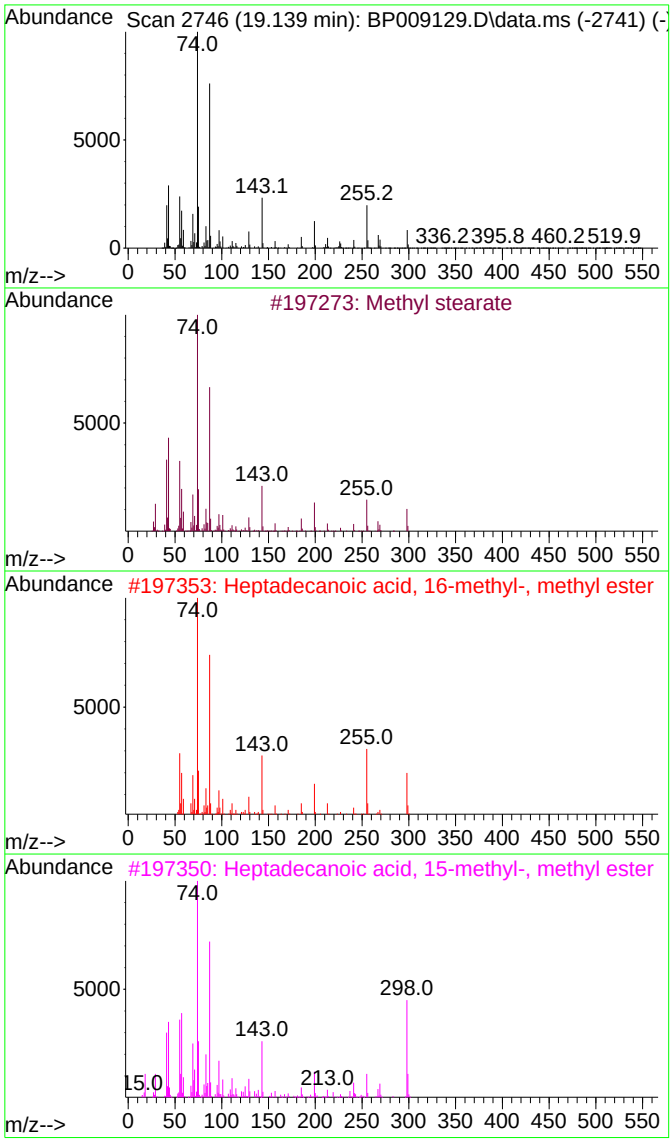
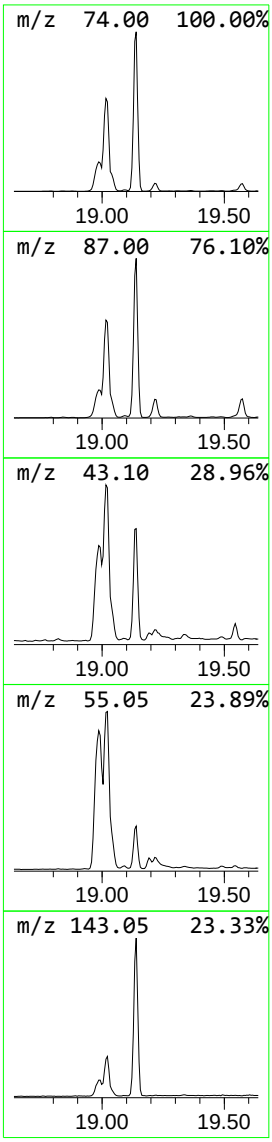
Peak Number 18 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.139	40.36 ng	8239720	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	94
3	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	74
4	Methyl 9-methyltetradecanoate	256	C16H32O2	213617-69-7	72
5	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009129.D
Acq On : 12 Feb 2022 00:05
Operator : CG/JU
Sample : N1505-03 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-021022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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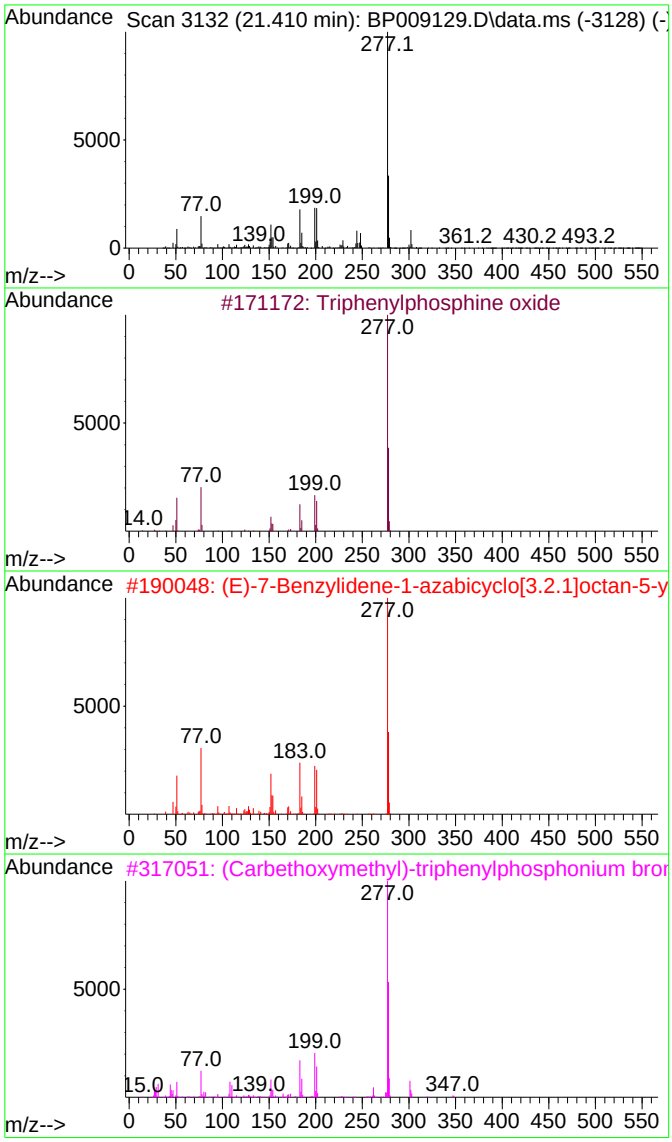
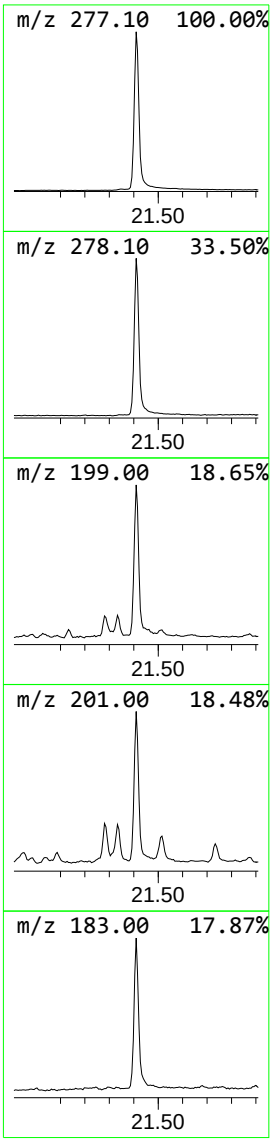
Peak Number 19 Triphenylphosphine oxide Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.410	7.31 ng	3971420	Chrysene-d12	21.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	94
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	87
3	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	47
4	2,4-Di-tert-amylphenol, trimethy...	306	C19H34OSi	821779-82-2	47
5	5-quinolinol, 8-[2-(3,5-dimethyl...	277	C17H15N3O	1000397-10-2	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009129.D
Acq On : 12 Feb 2022 00:05
Operator : CG/JU
Sample : N1505-03 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-021022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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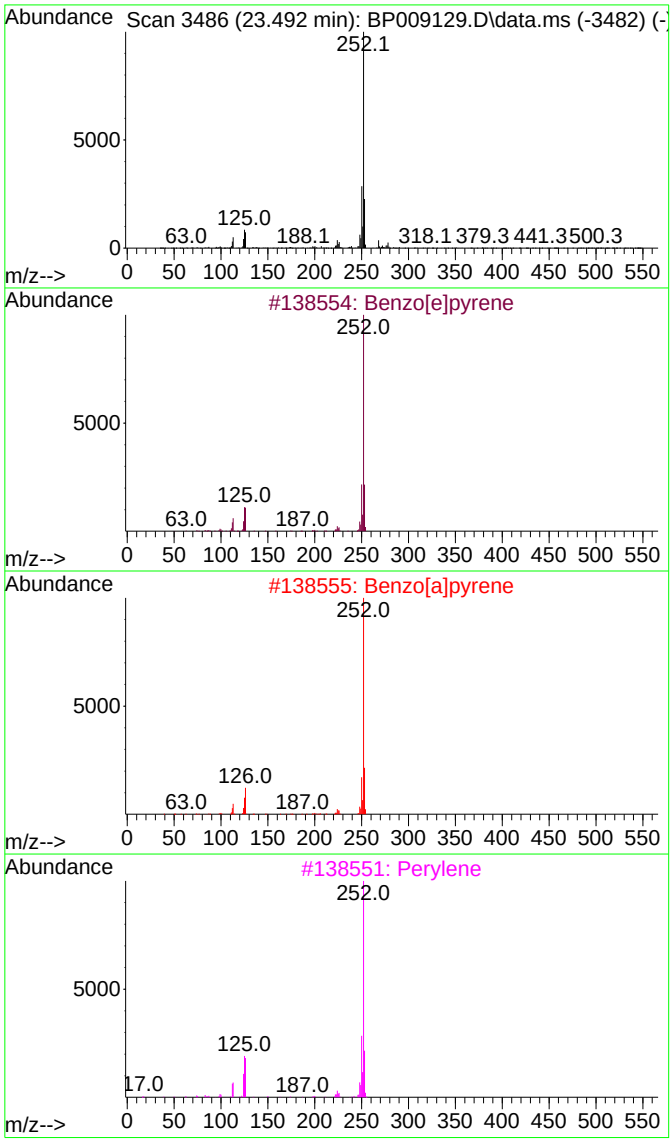
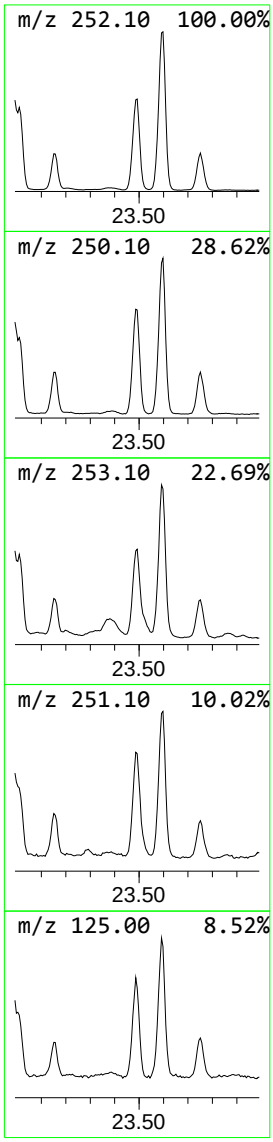
Peak Number 20 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.492	20.25 ng	2610420	Perylene-d12	23.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009129.D
Acq On : 12 Feb 2022 00:05
Operator : CG/JU
Sample : N1505-03 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-021022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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
Naphthalene, 1,...	13.598	10.7	ng	1963710	3	14.439	3676590	20.0
Naphthalene, 1,...	13.763	12.5	ng	2295470	3	14.439	3676590	20.0
Naphthalene, 2,...	13.816	7.3	ng	1341260	3	14.439	3676590	20.0
Naphthalene, 1,...	15.057	7.5	ng	1382950	3	14.439	3676590	20.0
1,6-Dimethyl- 3...	16.163	8.7	ng	1775160	4	17.198	4083280	20.0
9H-Fluorene, 2-...	16.498	9.0	ng	1837460	4	17.198	4083280	20.0
Dibenzothiophene	17.016	8.3	ng	1702360	4	17.198	4083280	20.0
Hexadecanoic ac...	17.875	73.6	ng	15022100	4	17.198	4083280	20.0
Phenanthrene, 1...	18.069	19.4	ng	3955820	4	17.198	4083280	20.0
Phenanthrene, 2...	18.116	25.9	ng	5290000	4	17.198	4083280	20.0
Anthracene, 2-m...	18.198	8.9	ng	1819320	4	17.198	4083280	20.0
4H-Cyclopenta[d...	18.257	32.3	ng	6601270	4	17.198	4083280	20.0
1H-Indene, 2-ph...	18.292	12.2	ng	2496480	4	17.198	4083280	20.0
Naphthalene, 2-...	18.551	9.5	ng	1943120	4	17.198	4083280	20.0
9,12-Octadecadi...	18.986	214.5	ng	43787900	4	17.198	4083280	20.0
9-Octadecenoic ...	19.022	148.2	ng	30246200	4	17.198	4083280	20.0
1,3-Diphenyl-3-...	19.092	7.2	ng	1462280	4	17.198	4083280	20.0
Methyl stearate	19.139	40.4	ng	8239720	4	17.198	4083280	20.0
Triphenylphosph...	21.410	7.3	ng	3971420	5	21.298	10866600	20.0
Benzo[e]pyrene	23.492	20.3	ng	2610420	6	23.698	2578420	20.0