LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
Data File : BP009288.D
Acq On : 07 Mar 2022 16:43
Operator : CG/JU
Sample : N1708-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PPSP-B5-20.5-21.0

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-BP030522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009288.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.416	406	413	429	rBV	7157127	12000520	50.32%	1.755%
2	6.993	674	681	690	rVB	7594928	13847479	58.06%	2.025%
3	7.822	816	822	829	rVB	3674034	6338850	26.58%	0.927%
4	8.122	865	873	880	rVV5	1033801	2742493	11.50%	0.401%
5	8.375	910	916	922	rVV3	1041789	2378942	9.98%	0.348%
6	8.504	934	938	948	rVB	1348129	2764982	11.59%	0.404%
7	8.604	949	955	960	rBV	1414133	2539179	10.65%	0.371%
8	8.940	1002	1012	1014	rBV3	2189779	5049500	21.17%	0.738%
9	8.975	1014	1018	1024	rVB	3883546	6549253	27.46%	0.958%
10	9.175	1044	1052	1061	rVB8	1164485	4085694	17.13%	0.597%
11	9.328	1071	1078	1084	rVB5	965605	2632451	11.04%	0.385%
12	9.716	1138	1144	1148	rBV4	1173927	2296956	9.63%	0.336%
13	9.816	1156	1161	1168	rVB6	1588058	3223106	13.51%	0.471%
14	9.910	1168	1177	1183	rVB5	1810995	4554834	19.10%	0.666%
15	9.993	1185	1191	1193	rBV2	1523813	2787711	11.69%	0.408%
16	10.098	1201	1209	1214	rVB3	2111586	4631790	19.42%	0.677%
17	10.175	1217	1222	1227	rBV2	2133251	4072761	17.08%	0.596%
18	10.334	1243	1249	1253	rBV	1442295	2572743	10.79%	0.376%
19	10.540	1280	1284	1288	rVV2	1568033	3061994	12.84%	0.448%
20	10.610	1288	1296	1303	rVV2	5463916	14010283	58.75%	2.049%
21	10.675	1303	1307	1315	rVV6	2146009	6995517	29.33%	1.023%
22	10.746	1315	1319	1325	rVV2	2187520	5050317	21.18%	0.738%
23	10.810	1325	1330	1334	rVV	4716148	8151410	34.18%	1.192%
24	10.851	1334	1337	1346	rVV4	1128453	3238514	13.58%	0.474%
25	10.934	1346	1351	1356	rVB3	1042887	1844005	7.73%	0.270%
26	11.093	1372	1378	1382	rVV2	3133058	5821120	24.41%	0.851%
27	11.204	1392	1397	1401	rBV	1748867	3046094	12.77%	0.445%
28	11.287	1407	1411	1414	rBV	1280829	2139199	8.97%	0.313%
29	11.340	1417	1420	1424	rVV2	2233245	3403366	14.27%	0.498%
30	11.410	1428	1432	1438	rVB	1827707	3227550	13.53%	0.472%
31	11.487	1439	1445	1449	rBV3	1829971	3442254	14.43%	0.503%
32	11.540	1449	1454	1460	rBV	2461594	4416618	18.52%	0.646%
33	11.675	1471	1477	1484	rBV2	6434876	13576933	56.93%	1.985%
34	11.734	1484	1487	1494	rVV	2023303	3798104	15.93%	0.555%
35	11.816	1495	1501	1510	rVV3	3737904	7780052	32.62%	1.138%
36	12.175	1556	1562	1571	rVB2	4165227	8463354	35.49%	1.238%

LSC Area Percent Report

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Operator : CG/JU
Sample : N1708-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PPSP-B5-20.5-21.0

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-BP030522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.281	1576	1580	1589	rVB3	4472094	9821364	41.18%	1.436%
38	12.387	1590	1598	1602	rBV7	1112085	3201939	13.43%	0.468%
39	12.498	1612	1617	1621	rBV2	5113981	9301168	39.00%	1.360%
40	12.545	1621	1625	1630	rVB2	6806846	10744726	45.05%	1.571%
41	12.810	1665	1670	1674	rVV5	1701972	3091055	12.96%	0.452%
42	12.851	1674	1677	1681	rVB2	1794312	2578334	10.81%	0.377%
43	12.898	1681	1685	1691	rVB5	1059445	2309590	9.68%	0.338%
44	12.981	1691	1699	1702	rBV5	1921091	4784375	20.06%	0.700%
45	13.022	1702	1706	1711	rVV3	8115633	12961570	54.35%	1.895%
46	13.087	1711	1717	1722	rVB	9324952	14397375	60.37%	2.105%
47	13.292	1749	1752	1756	rVB4	1387939	1925545	8.07%	0.282%
48	13.410	1767	1772	1777	rVB	5241185	8730579	36.61%	1.277%
49	13.469	1777	1782	1789	rBV3	2604092	6995409	29.33%	1.023%
50	13.628	1803	1809	1818	rBV2	7153515	18959411	79.50%	2.772%
51	13.792	1826	1837	1841	rBV2	10361861	23848595	100.00%	3.487%
52	13.839	1841	1845	1850	rVB2	9822471	15618420	65.49%	2.284%
53	13.898	1851	1855	1858	rBV3	2736225	3699576	15.51%	0.541%
54	13.975	1863	1868	1872	rBV3	8951898	13343614	55.95%	1.951%
55	14.022	1872	1876	1880	rBV	3833590	6129539	25.70%	0.896%
56	14.187	1900	1904	1909	rBV2	3784520	5405164	22.66%	0.790%
57	14.316	1922	1926	1932	rVB4	1803453	3533268	14.82%	0.517%
58	14.457	1942	1950	1956	rBV4	6370128	17522837	73.48%	2.562%
59	14.516	1957	1960	1963	rVV2	1805056	2820598	11.83%	0.412%
60	14.551	1964	1966	1971	rVB2	2426223	3205432	13.44%	0.469%
61	14.675	1982	1987	1998	rVV	5271615	13723826	57.55%	2.007%
62	14.763	1999	2002	2006	rVB3	1688511	2023604	8.49%	0.296%
63	14.869	2014	2020	2028	rVB3	6076223	13844785	58.05%	2.024%
64	14.945	2028	2033	2038	rVB	6927304	10863674	45.55%	1.589%
65	15.010	2040	2044	2052	rVB6	3772417	6799700	28.51%	0.994%
66	15.086	2052	2057	2062	rBV	4989319	9818672	41.17%	1.436%
67	15.139	2062	2066	2071	rVB	6390826	9954792	41.74%	1.456%
68	15.204	2073	2077	2079	rBV5	1405474	2189015	9.18%	0.320%
69	15.263	2080	2087	2090	rBV3	3020549	7282386	30.54%	1.065%
70	15.510	2124	2129	2134	rBV3	3609506	6188910	25.95%	0.905%
71	15.569	2134	2139	2143	rBV3	3220791	6729241	28.22%	0.984%
72	15.639	2148	2151	2155	rVB3	4248163	5793573	24.29%	0.847%
73	15.751	2163	2170	2175	rBV3	8576397	16515668	69.25%	2.415%
74	15.804	2176	2179	2183	rBV4	1517024	2408912	10.10%	0.352%
75	15.957	2199	2205	2214	rVB6	9099081	17542091	73.56%	2.565%
76	16.039	2214	2219	2225	rBV4	2713258	5355299	22.46%	0.783%

LSC Area Percent Report

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Acq On : 07 Mar 2022 16:43
Operator : CG/JU
Sample : N1708-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PPSP-B5-20.5-21.0

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-BP030522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	16.128	2231	2234	2237	rBV2	1225636	2091841	8.77%	0.306%
78	16.204	2243	2247	2248	rBV2	2642928	3276004	13.74%	0.479%
79	16.239	2248	2253	2260	rVB	13952942	22118710	92.75%	3.234%
80	16.333	2266	2269	2274	rVB2	2242965	3116111	13.07%	0.456%
81	16.581	2307	2311	2315	rBV3	4121501	6484682	27.19%	0.948%
82	16.733	2334	2337	2341	rBV3	1606763	2759510	11.57%	0.404%
83	17.063	2389	2393	2405	rVB	10332057	18411748	77.20%	2.692%
84	17.222	2416	2420	2423	rBV	3206690	4714703	19.77%	0.689%
85	17.263	2423	2427	2432	rVB	4430297	6696857	28.08%	0.979%
86	17.428	2451	2455	2460	rVB3	1499405	2690528	11.28%	0.393%
87	17.675	2494	2497	2502	rVB	2767386	4062649	17.04%	0.594%
88	18.098	2565	2569	2572	rBV	4227107	5929652	24.86%	0.867%
89	18.145	2573	2577	2583	rVB	5990132	9111230	38.20%	1.332%
90	18.280	2596	2600	2604	rVV2	2708565	4244259	17.80%	0.621%
91	18.322	2604	2607	2614	rVB2	2523024	4041288	16.95%	0.591%
92	18.822	2689	2692	2696	rVB	1827004	2235293	9.37%	0.327%
93	18.869	2696	2700	2704	rBV	3355377	4800462	20.13%	0.702%
94	18.986	2716	2720	2725	rBV	4337185	6514686	27.32%	0.953%
95	19.039	2725	2729	2733	rVB2	1483063	2180136	9.14%	0.319%
96	19.122	2739	2743	2748	rVB	1315551	1951489	8.18%	0.285%
97	19.674	2833	2837	2842	rVB	2054870	3051116	12.79%	0.446%
98	19.798	2853	2858	2863	rVB	15698191	20717049	86.87%	3.029%
99	21.327	3112	3118	3133	rVB	4965743	7082549	29.70%	1.036%
100	23.733	3519	3527	3538	rVB2	3348010	7086424	29.71%	1.036%

Sum of corrected areas: 683868535

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
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Sample : N1708-02
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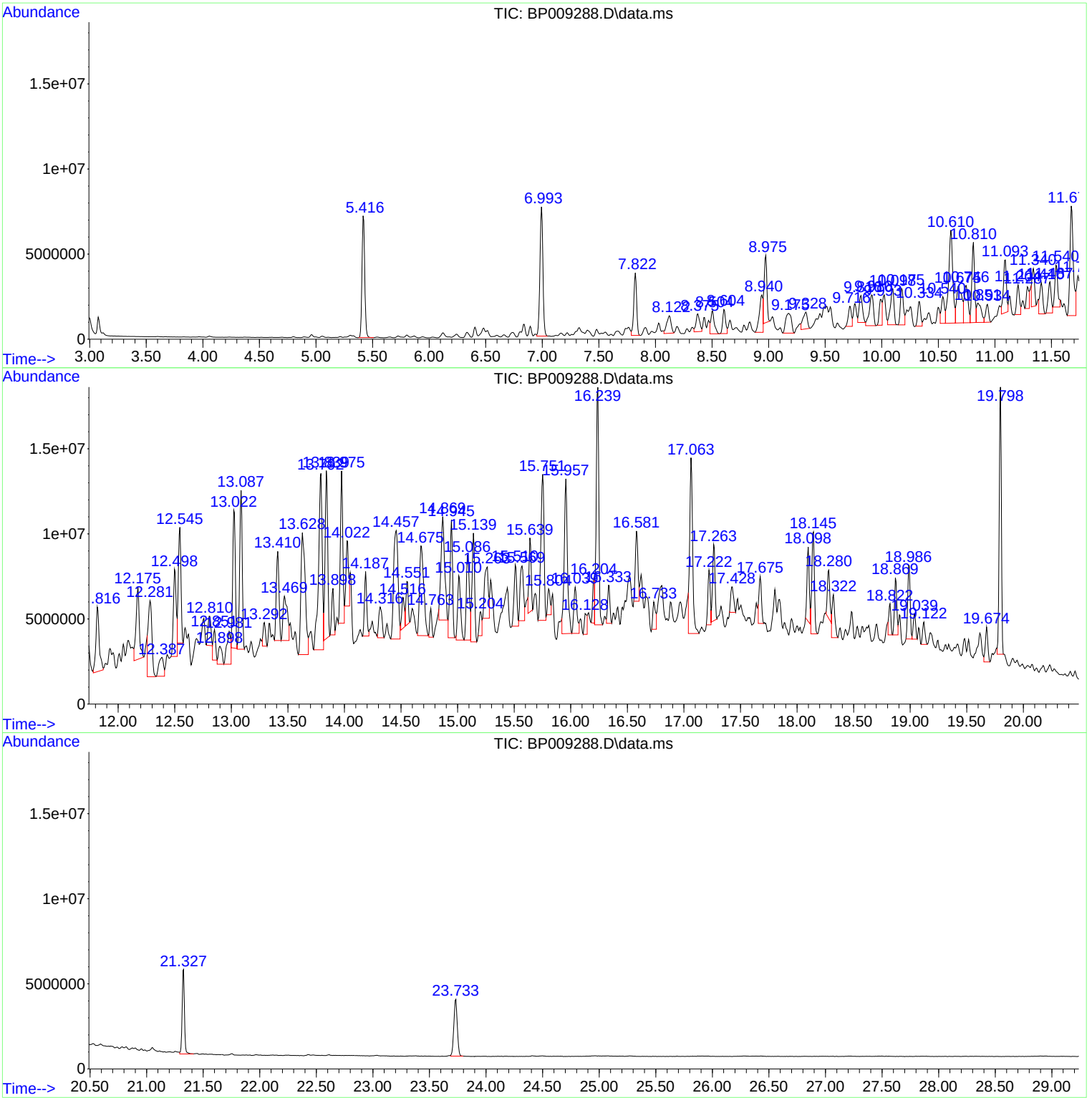
Instrument :
BNA_P
ClientSampleId :
PPSP-B5-20.5-21.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.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\BP030722\
Data File : BP009288.D
Acq On : 07 Mar 2022 16:43
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Sample : N1708-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PPSP-B5-20.5-21.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

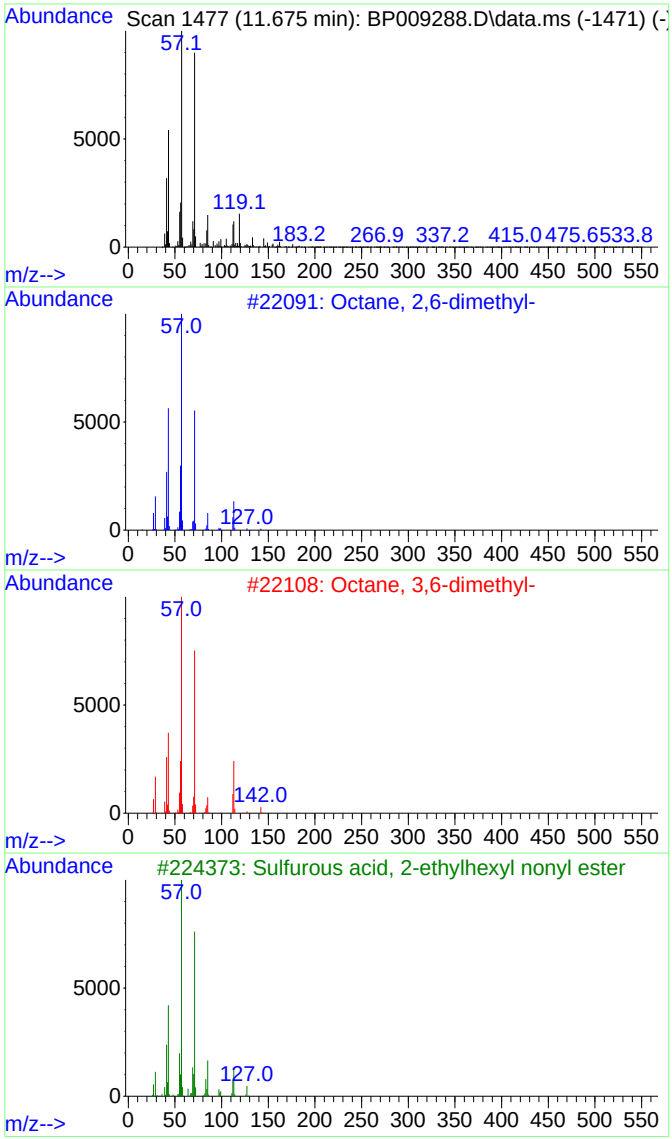
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

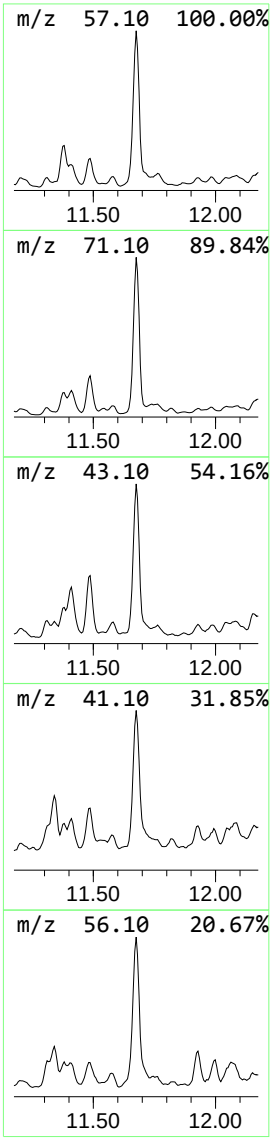
****

Peak Number 1 Octane, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.675	19.38 ng	13576900	Naphthalene-d8	10.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	64
4	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	64
5	Oxalic acid, butyl 2-ethylhexyl ...	258	C14H26O4	1000309-38-6	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
Data File : BP009288.D
Acq On : 07 Mar 2022 16:43
Operator : CG/JU
Sample : N1708-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PPSP-B5-20.5-21.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

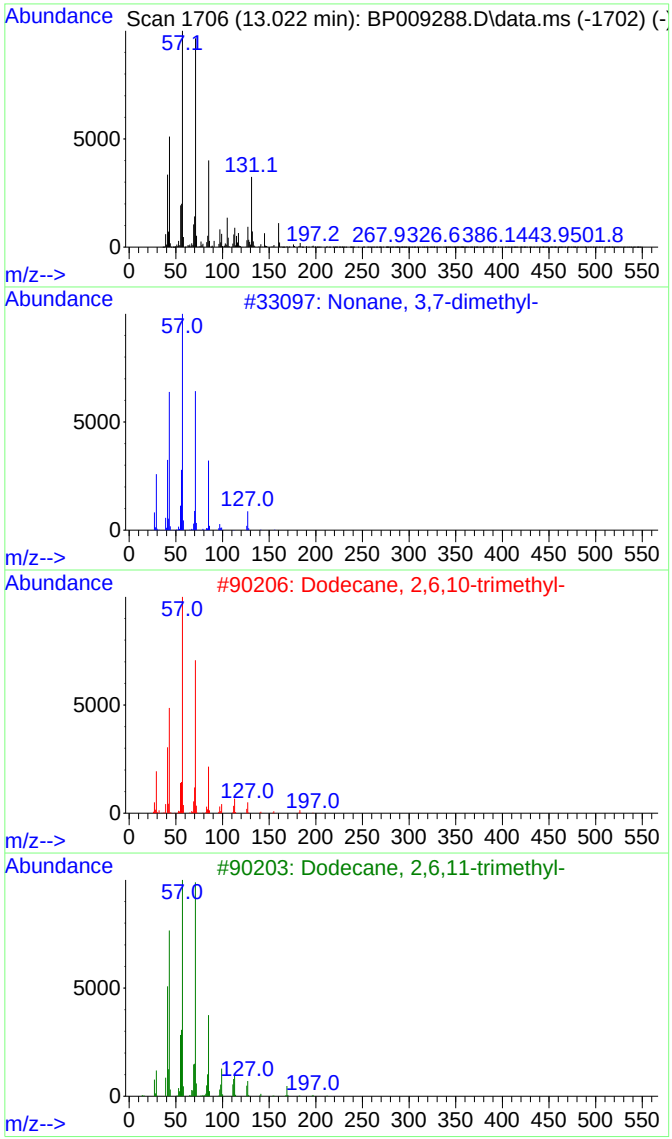
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

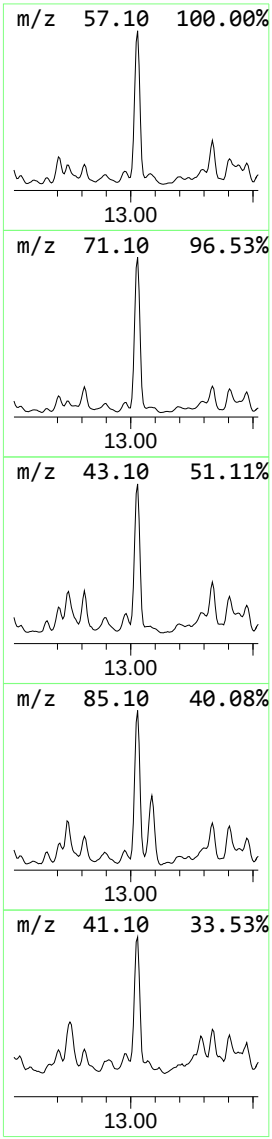
****

Peak Number 2 Nonane, 3,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.022	14.79 ng	12961600	Acenaphthene-d10	14.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	70
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	58
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	58
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	52
5	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	49





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Data File : BP009288.D
Acq On : 07 Mar 2022 16:43
Operator : CG/JU
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PPSP-B5-20.5-21.0

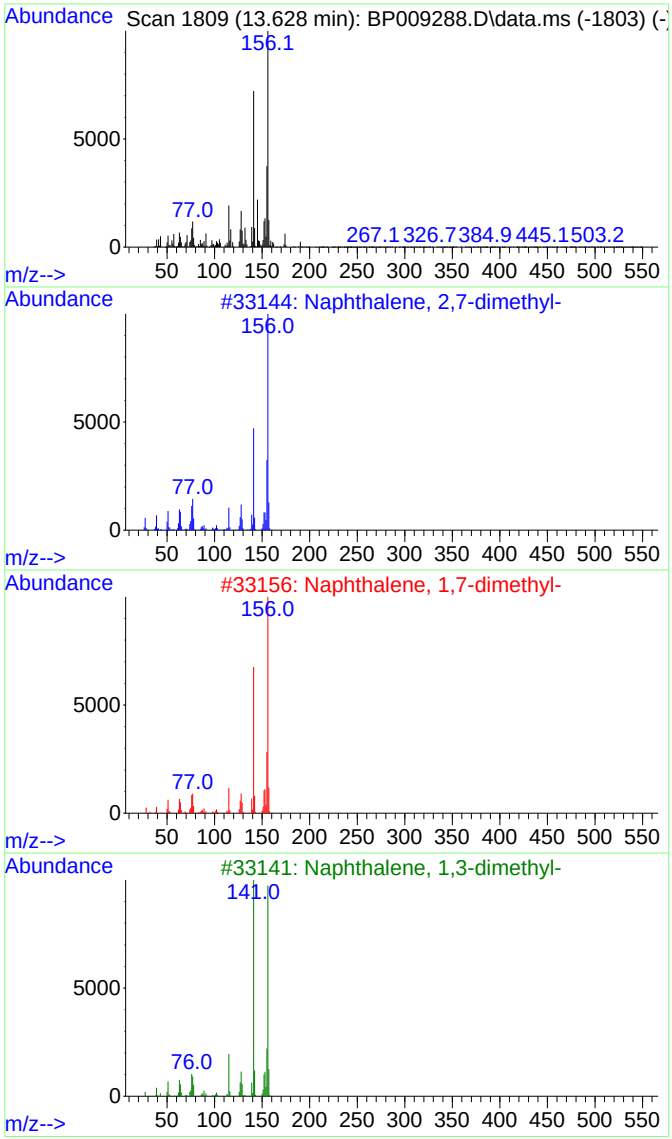
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

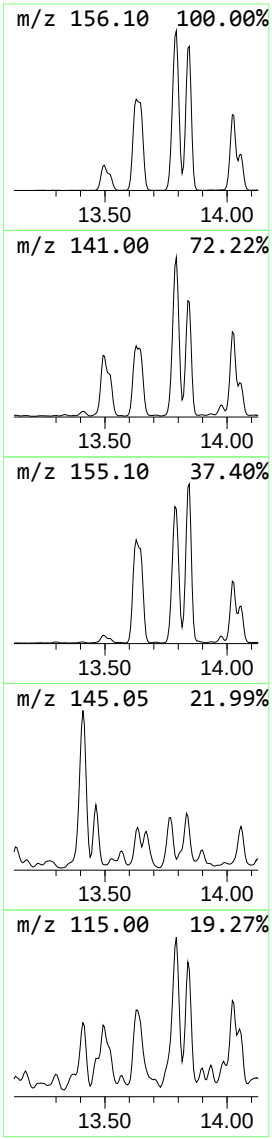
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.628	21.64 ng	18959400	Acenaphthene-d10	14.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
Data File : BP009288.D
Acq On : 07 Mar 2022 16:43
Operator : CG/JU
Sample : N1708-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PPSP-B5-20.5-21.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.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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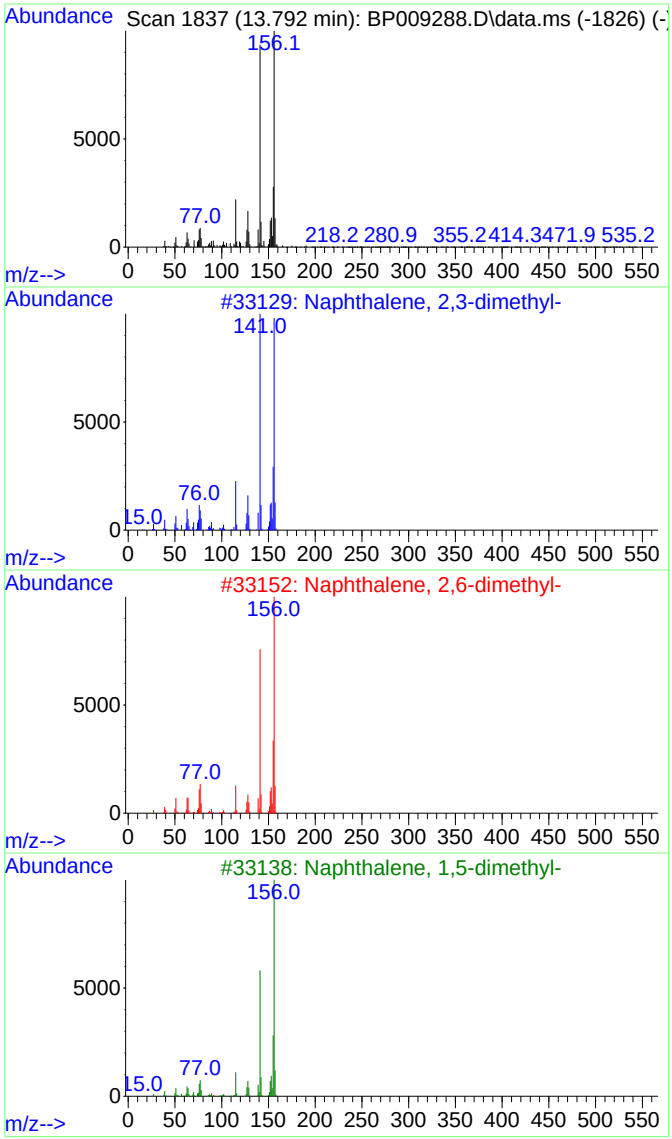
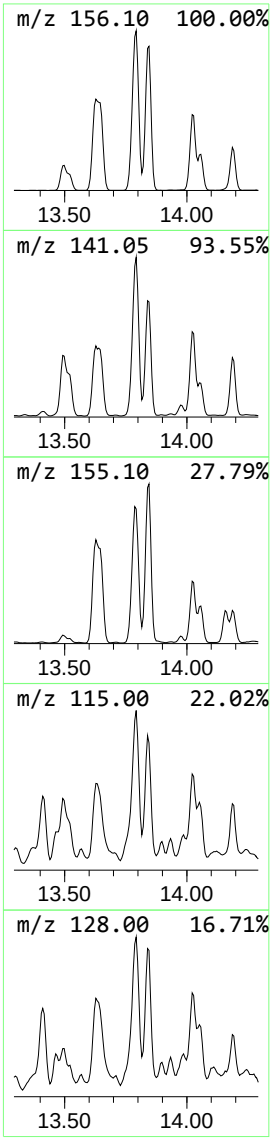
Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.792	27.22 ng	23848600	Acenaphthene-d10	14.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
Data File : BP009288.D
Acq On : 07 Mar 2022 16:43
Operator : CG/JU
Sample : N1708-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PPSP-B5-20.5-21.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

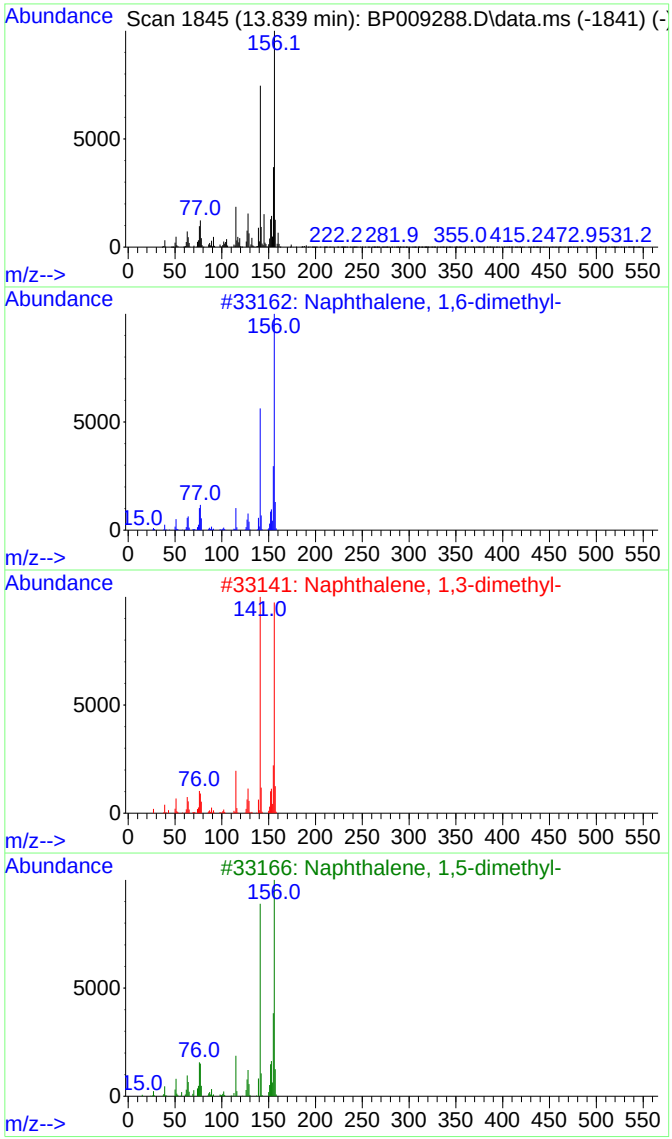
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

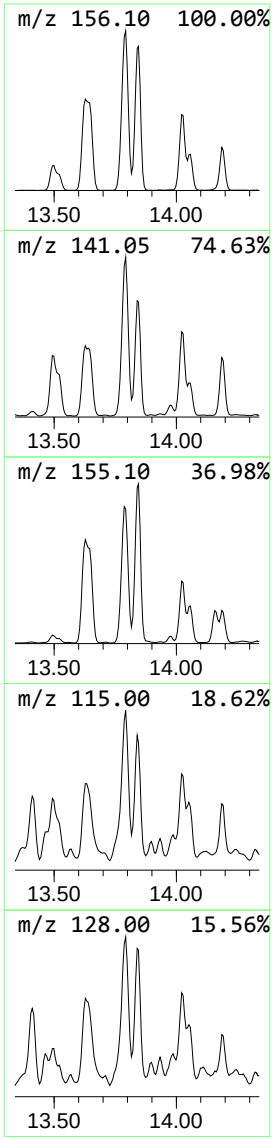
****

Peak Number 5 Naphthalene, 1,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.839	17.83 ng	15618400	Acenaphthene-d10	14.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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Acq On : 07 Mar 2022 16:43
Operator : CG/JU
Sample : N1708-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PPSP-B5-20.5-21.0

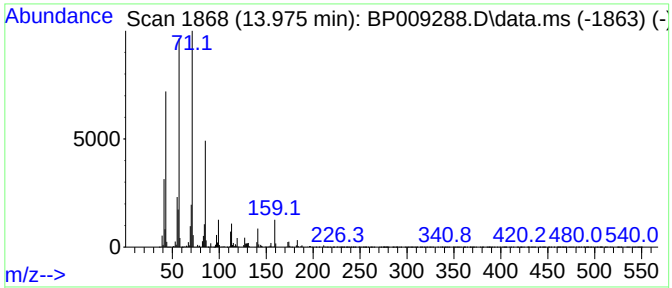
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

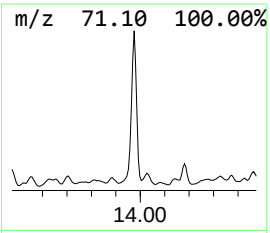
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

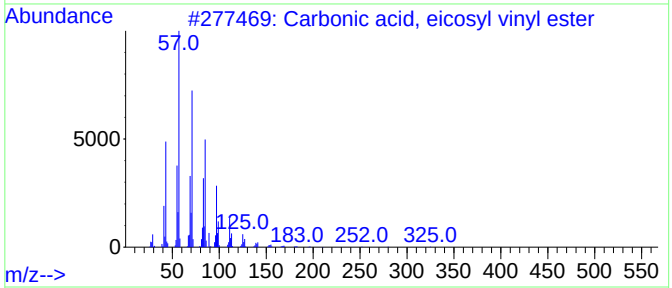
****
Peak Number 6 Carbonic acid, eicosyl viny... Concentration Rank 18

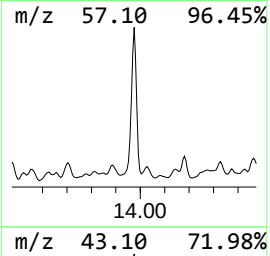
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.975	15.23 ng	13343600	Acenaphthene-d10	14.463

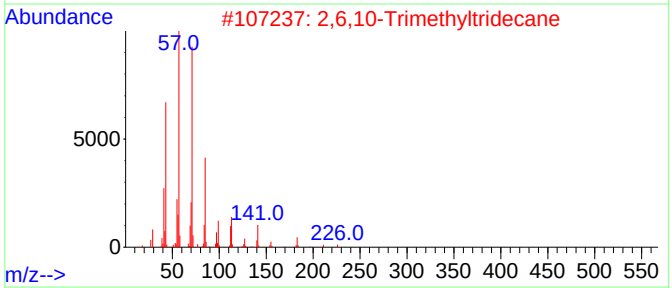
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	90
2	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	83
3	Decane, 5-propyl-	184	C13H28	017312-62-8	81
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	70

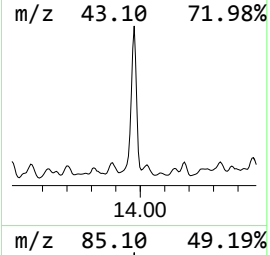


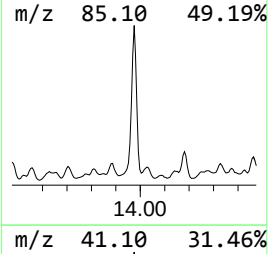


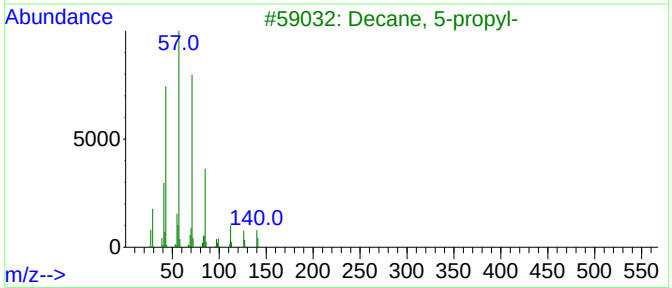


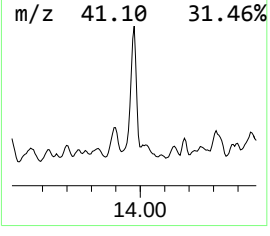












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Acq On : 07 Mar 2022 16:43
Operator : CG/JU
Sample : N1708-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PPSP-B5-20.5-21.0

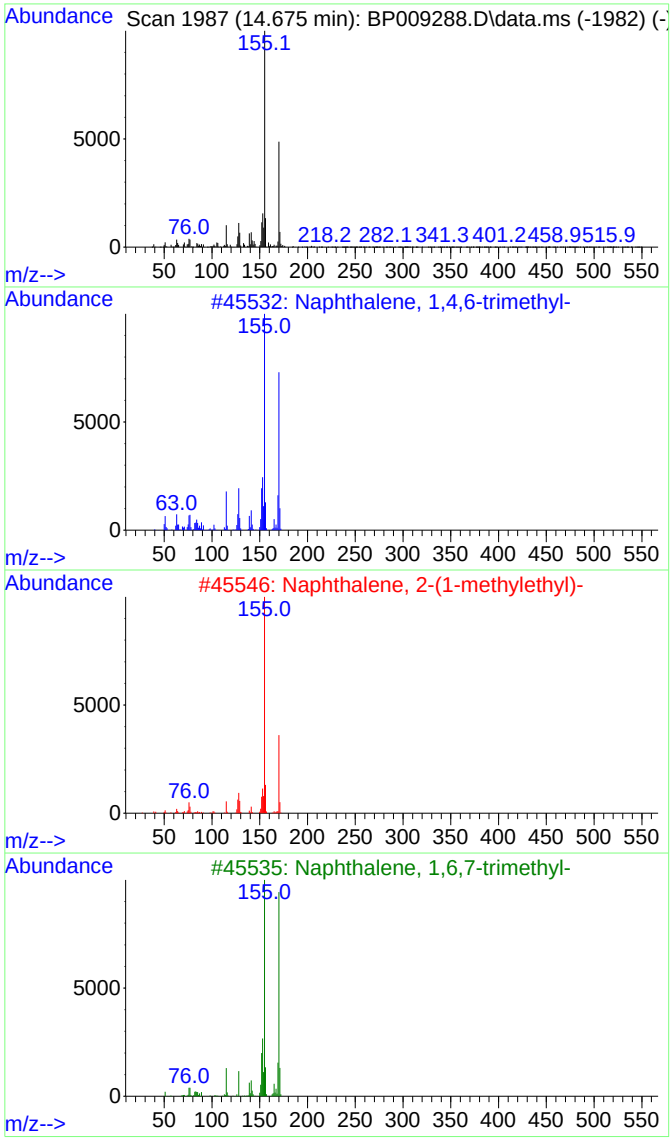
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

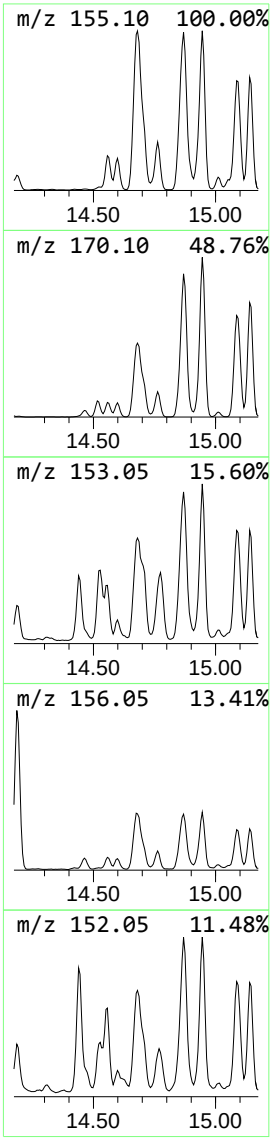
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.675	15.66 ng	13723800	Acenaphthene-d10	14.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	89
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	83
5	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	76





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Acq On : 07 Mar 2022 16:43
Operator : CG/JU
Sample : N1708-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PPSP-B5-20.5-21.0

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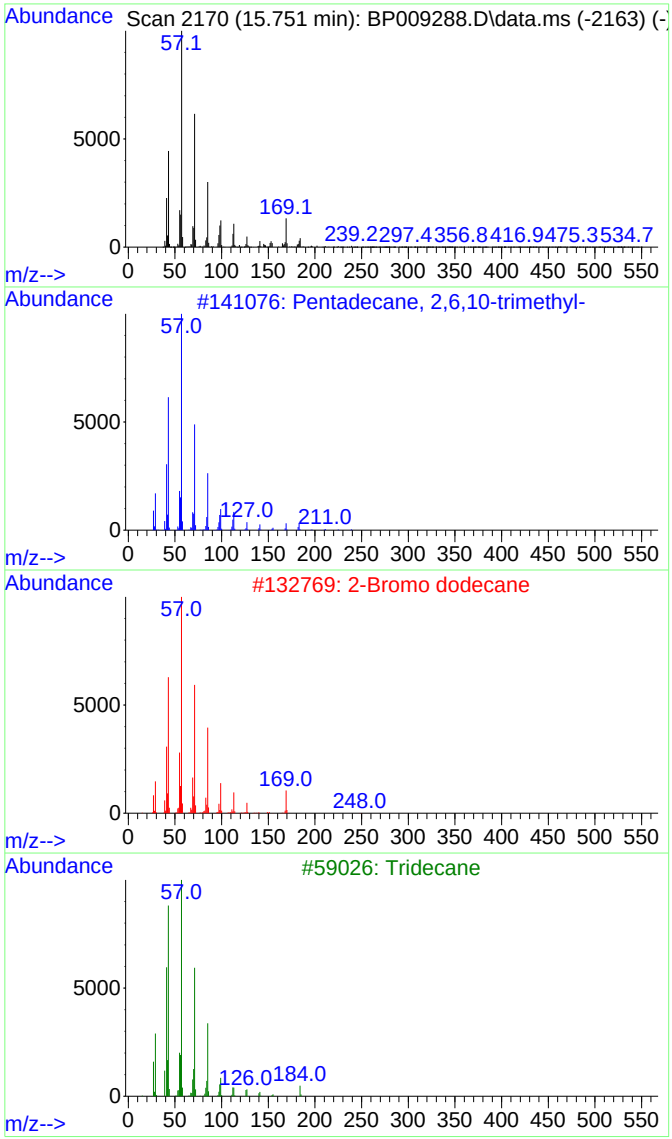
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

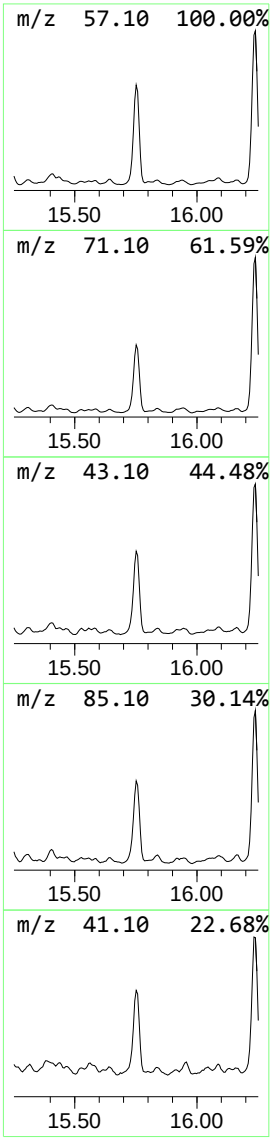
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Pentadecane, 2,6,10-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.751	18.85 ng	16515700	Acenaphthene-d10	14.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	92
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
3	Tridecane	184	C13H28	000629-50-5	72
4	Heptacosane	380	C27H56	000593-49-7	72
5	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	72





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PPSP-B5-20.5-21.0

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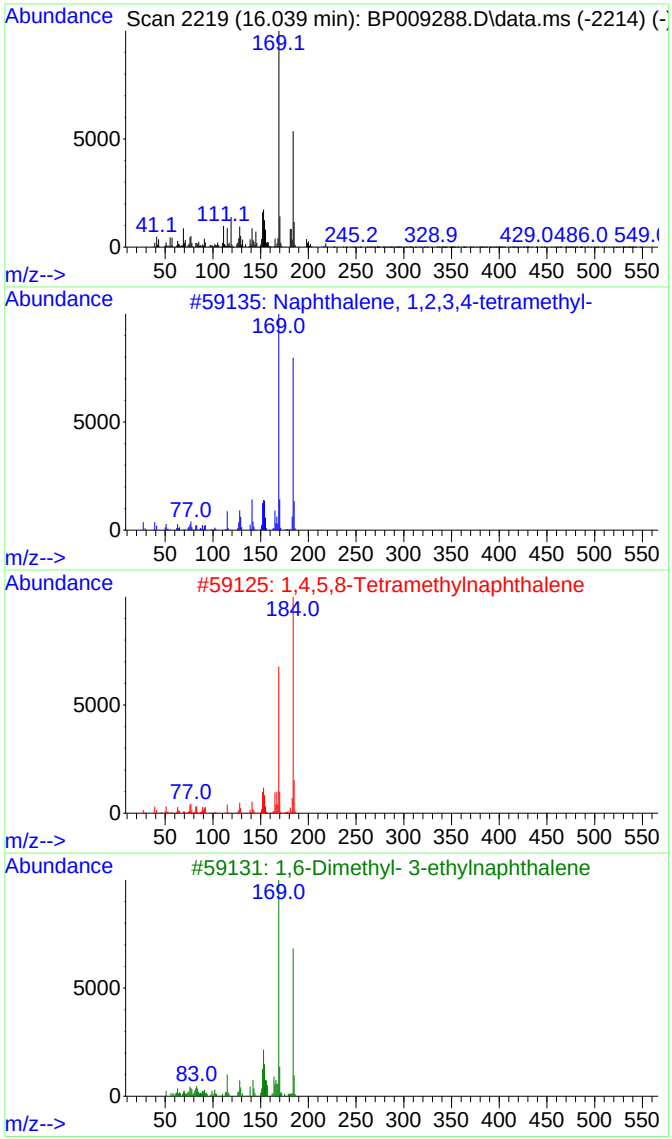
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

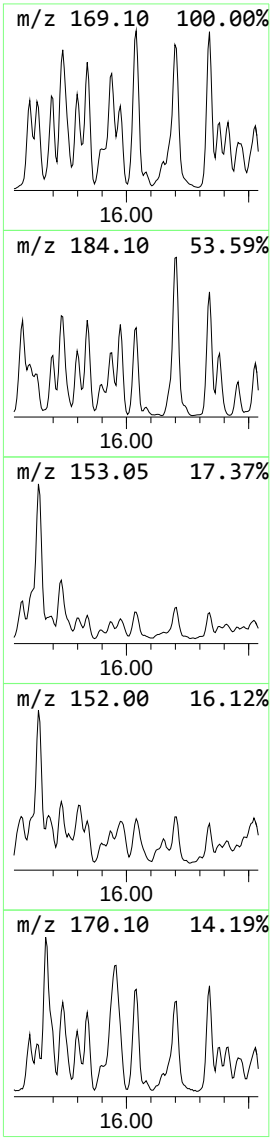
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,2,3,4-tetram... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.039	22.72 ng	5355300	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	93
2	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	93
3	1,6-Dimethyl- 3-ethylnaphthalene	184	C14H16	1000383-71-8	91
4	2-Isopropyl-7-methylnaphthalene	184	C14H16	1000383-71-3	90
5	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	87





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Sample : N1708-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PPSP-B5-20.5-21.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

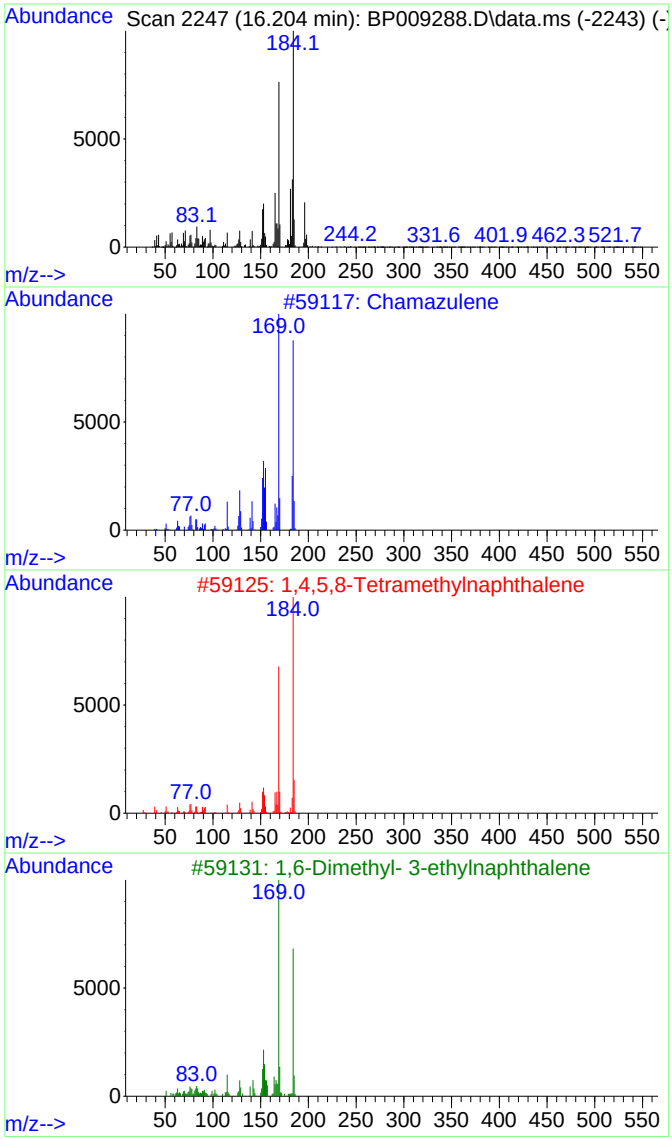
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

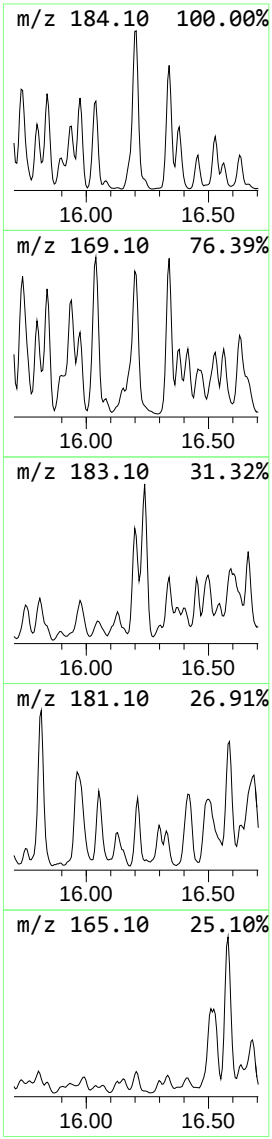
****

Peak Number 10 Chamazulene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.204	13.90 ng	3276000	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chamazulene	184	C14H16	000529-05-5	89
2	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	70
3	1,6-Dimethyl- 3-ethylnaphthalene	184	C14H16	1000383-71-8	70
4	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	64
5	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	64





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Sample : N1708-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

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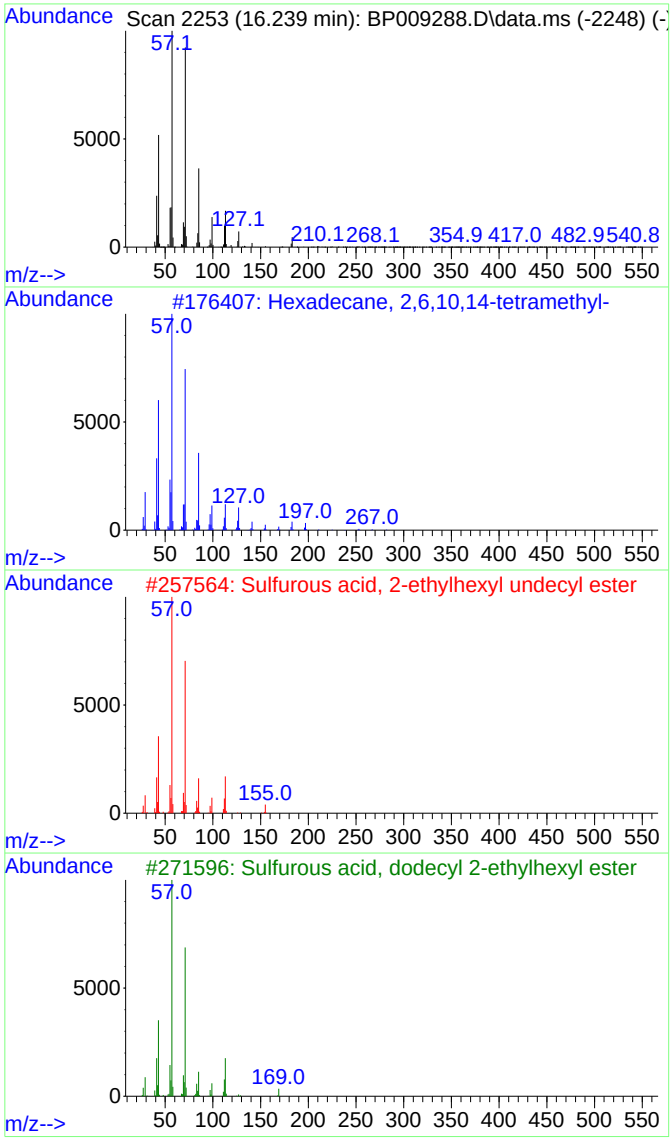
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

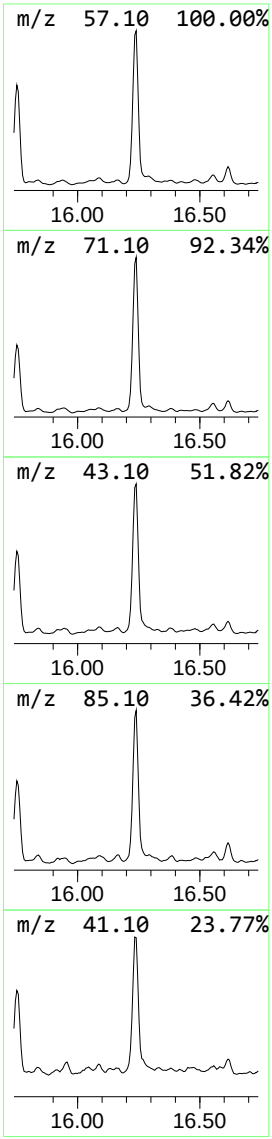
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Hexadecane, 2,6,10,14-tetra... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.239	93.83 ng	22118700	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
2	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	80
3	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	80
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	80
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72





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Sample : N1708-02
Misc :
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

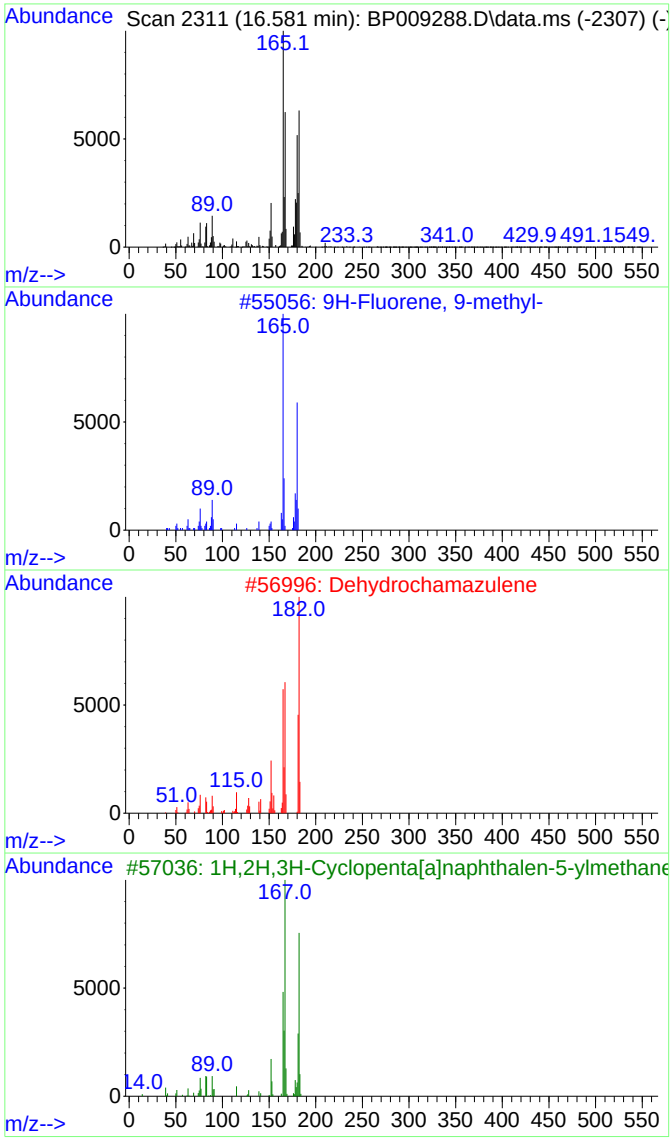
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

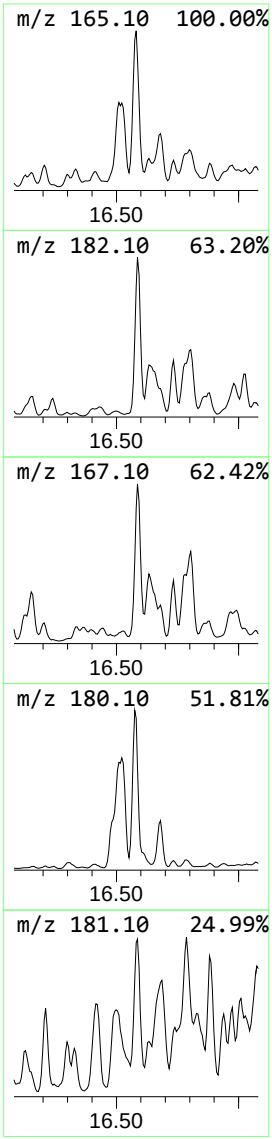
****

Peak Number 12 9H-Fluorene, 9-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.581	27.51 ng	6484680	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86
2	Dehydrochamazulene	182	C14H14	321732-25-6	55
3	1H,2H,3H-Cyclopenta[a]naphthalen...	182	C14H14	001624-22-2	50
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	50
5	Benzenethiol, 4-(1,1-dimethyleth...	180	C11H16S	015570-10-2	49





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Sample : N1708-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PPSP-B5-20.5-21.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

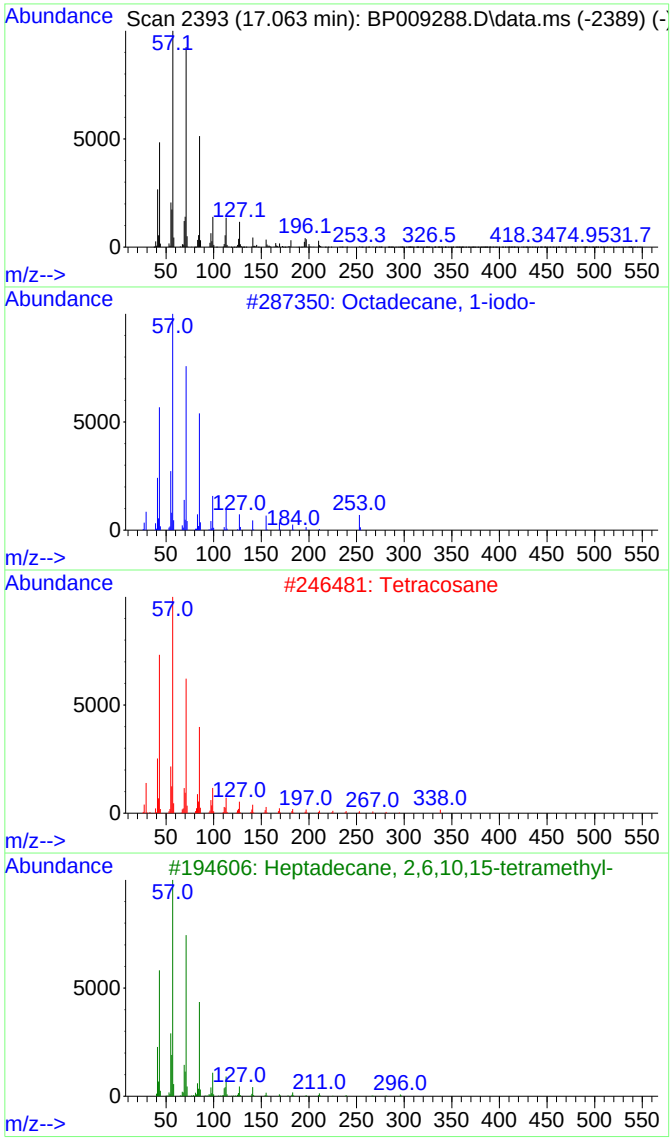
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

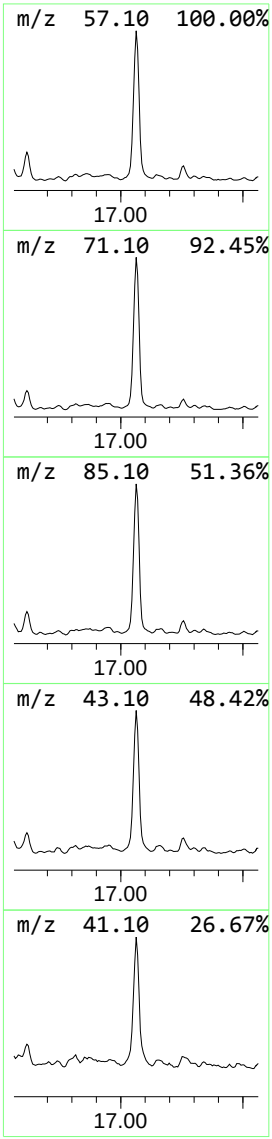
****

Peak Number 13 Octadecane, 1-iodo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.063	78.10 ng	18411700	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
2	Tetracosane	338	C24H50	000646-31-1	86
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
5	Decane, 3-methyl-	156	C11H24	013151-34-3	81





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Sample : N1708-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PPSP-B5-20.5-21.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

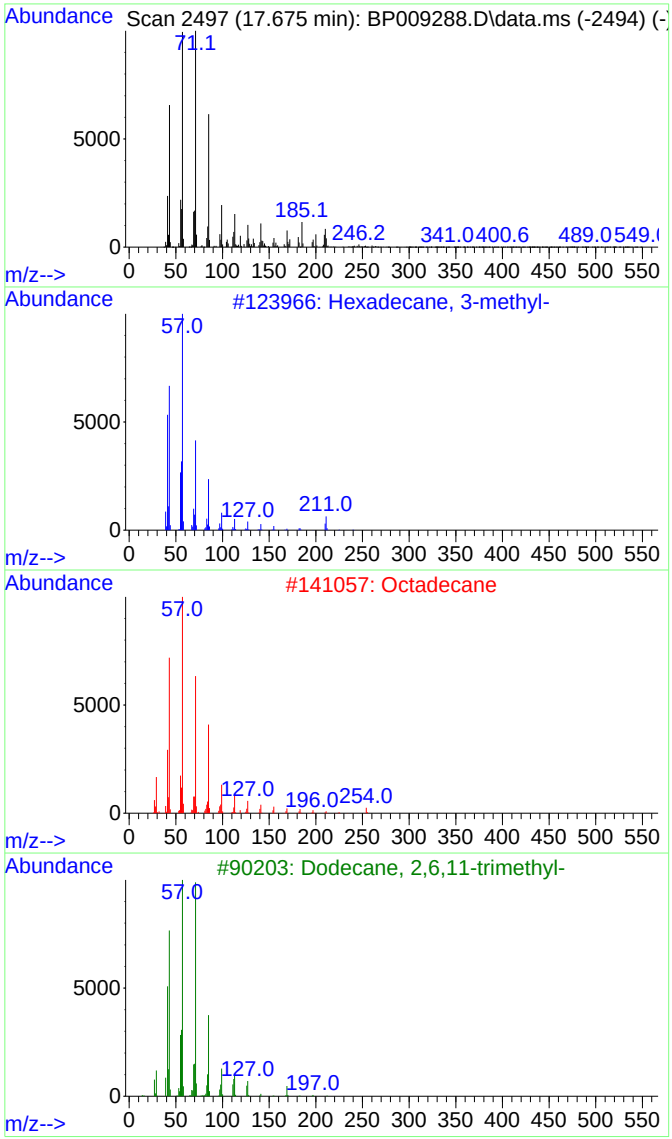
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

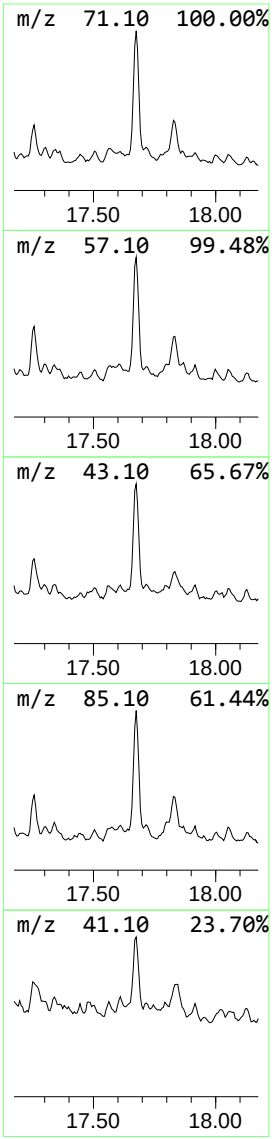
****

Peak Number 14 Hexadecane, 3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.675	17.23 ng	4062650	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	90
2	Octadecane	254	C18H38	000593-45-3	86
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5	Heptadecane	240	C17H36	000629-78-7	86





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Sample : N1708-02
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

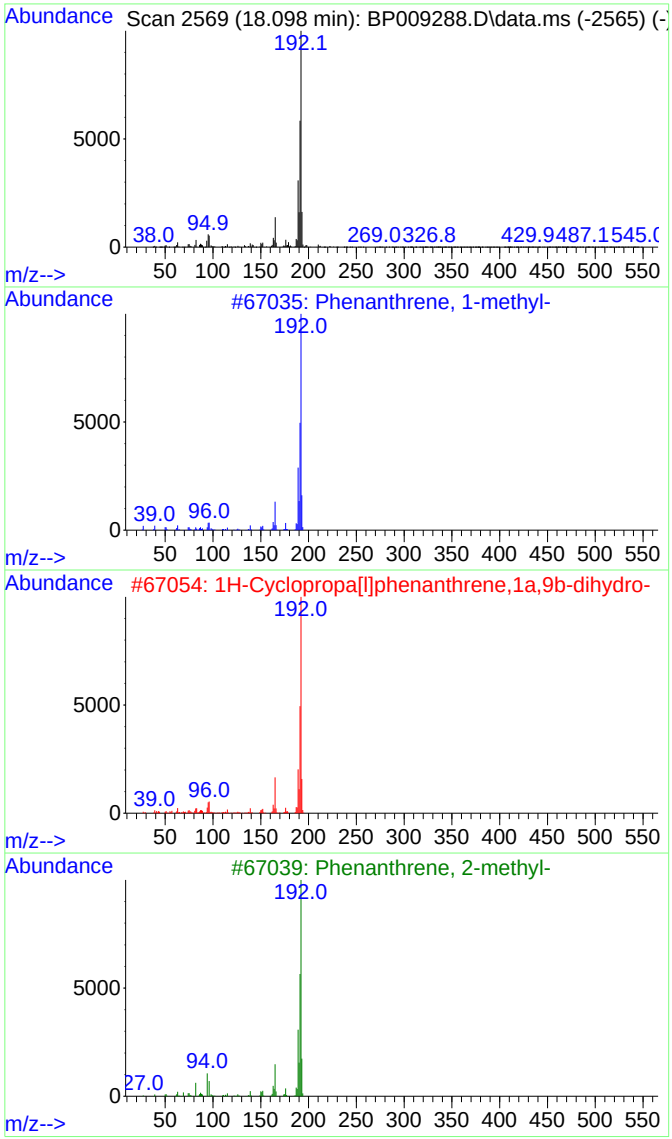
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

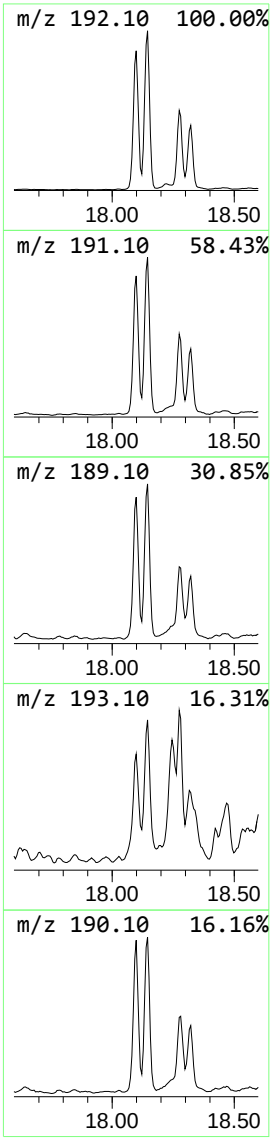
****

Peak Number 15 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.098	25.15 ng	5929650	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96





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Data File : BP009288.D
Acq On : 07 Mar 2022 16:43
Operator : CG/JU
Sample : N1708-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PPSP-B5-20.5-21.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.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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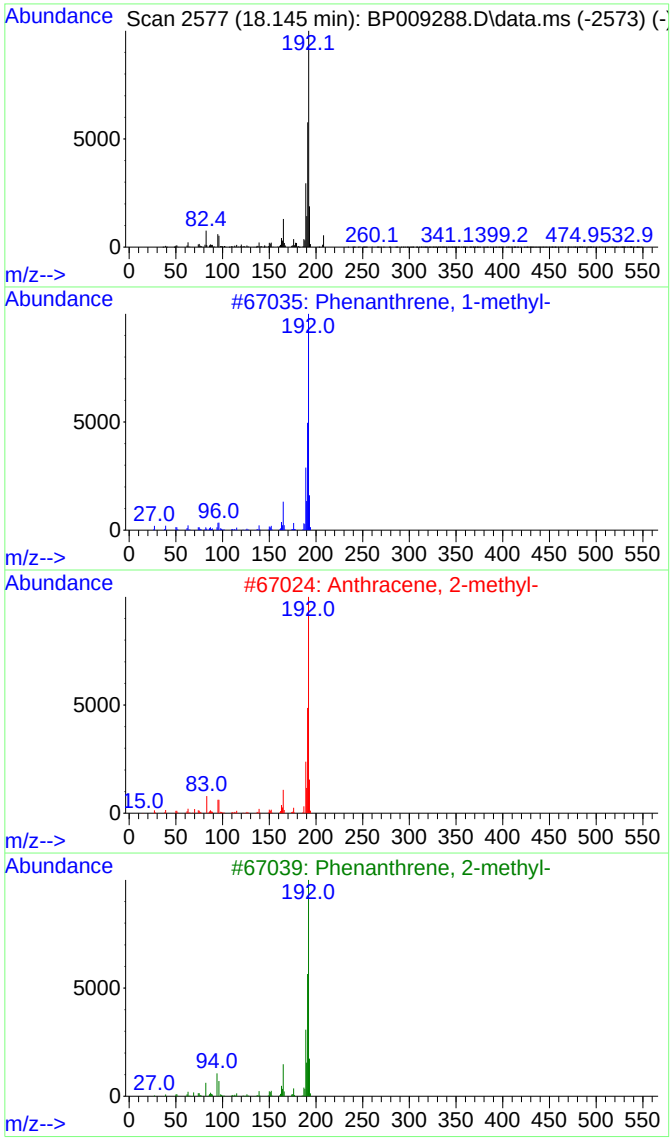
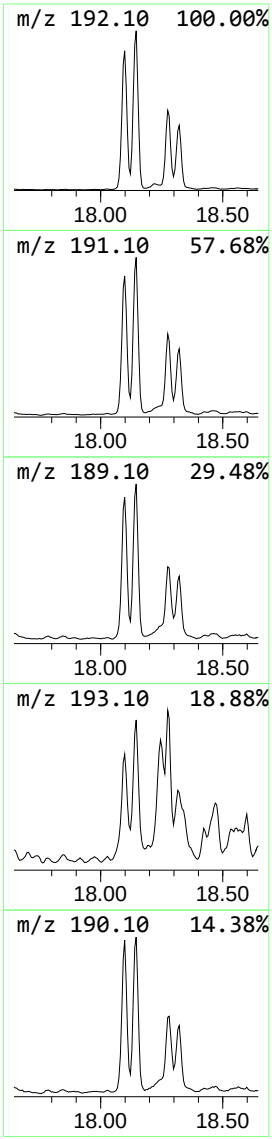
Peak Number 16 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.145	38.65 ng	9111230	Phenanthrene-d10	17.222

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





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Data File : BP009288.D
Acq On : 07 Mar 2022 16:43
Operator : CG/JU
Sample : N1708-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PPSP-B5-20.5-21.0

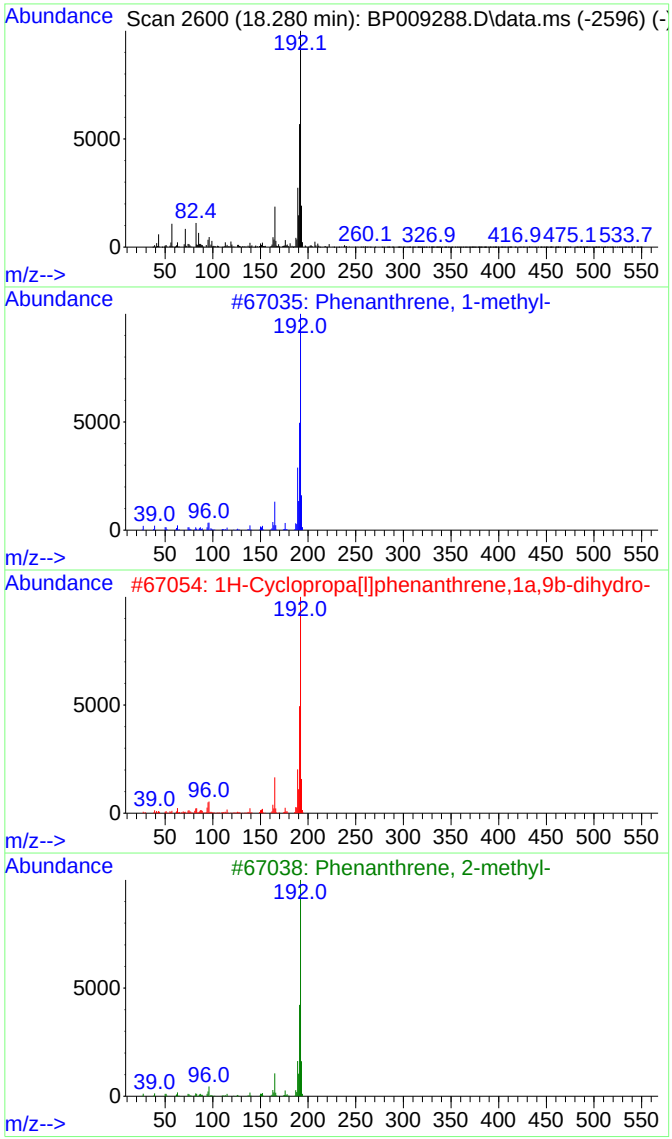
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

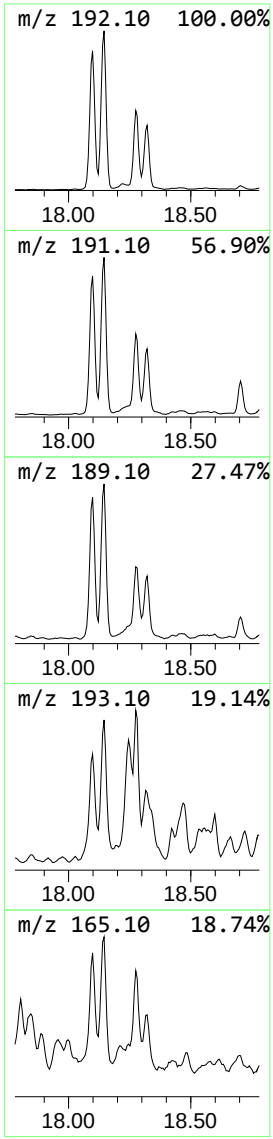
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1H-Cyclopropa[l]phenanthren... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.280	18.00 ng	4244260	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Data File : BP009288.D
Acq On : 07 Mar 2022 16:43
Operator : CG/JU
Sample : N1708-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PPSP-B5-20.5-21.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.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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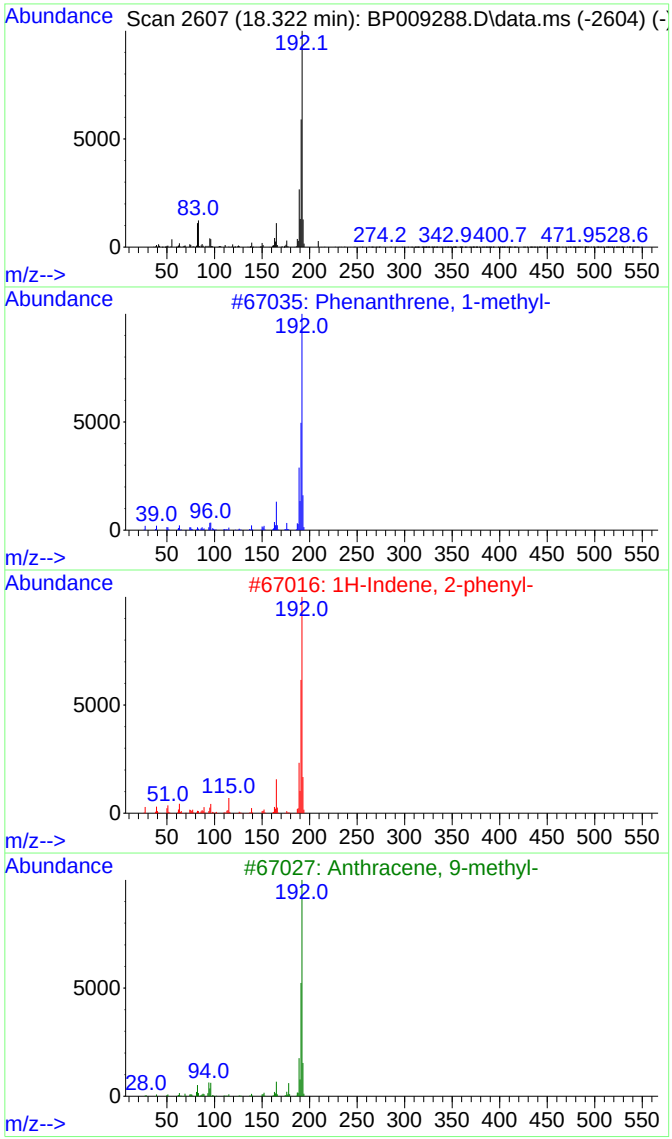
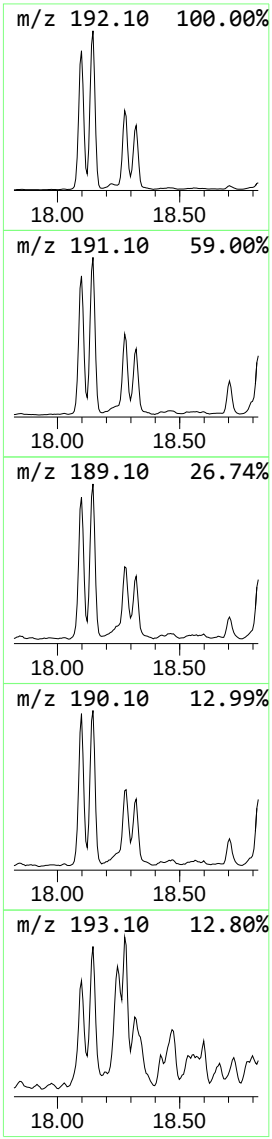
Peak Number 18 1H-Indene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.322	17.14 ng	4041290	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	91





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Data File : BP009288.D
Acq On : 07 Mar 2022 16:43
Operator : CG/JU
Sample : N1708-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PPSP-B5-20.5-21.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.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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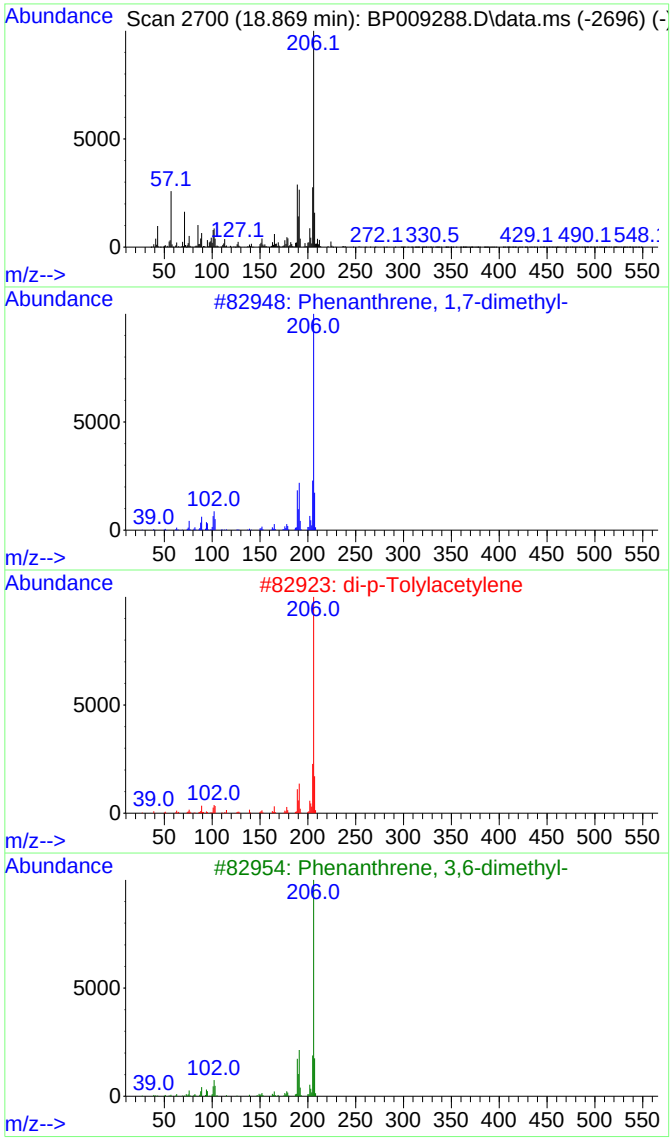
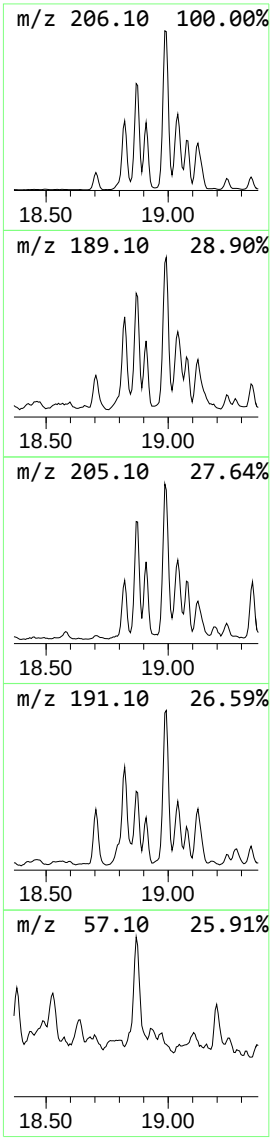
Peak Number 19 Phenanthrene, 1,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.869	20.36 ng	4800460	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	95
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	92
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	89
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
Data File : BP009288.D
Acq On : 07 Mar 2022 16:43
Operator : CG/JU
Sample : N1708-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PPSP-B5-20.5-21.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.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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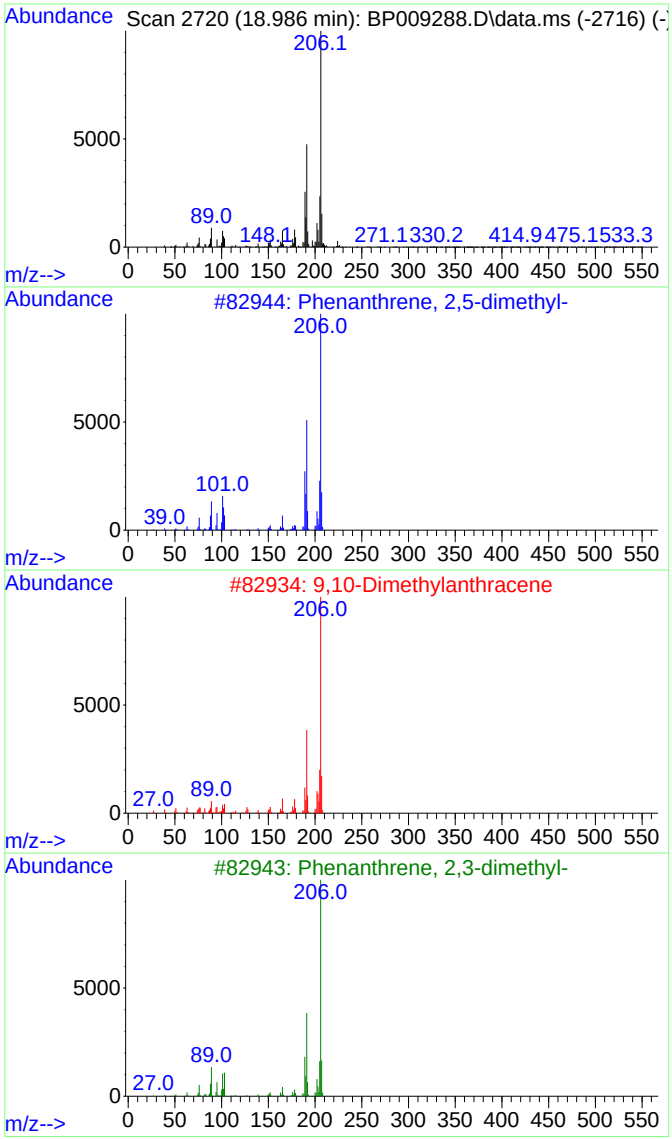
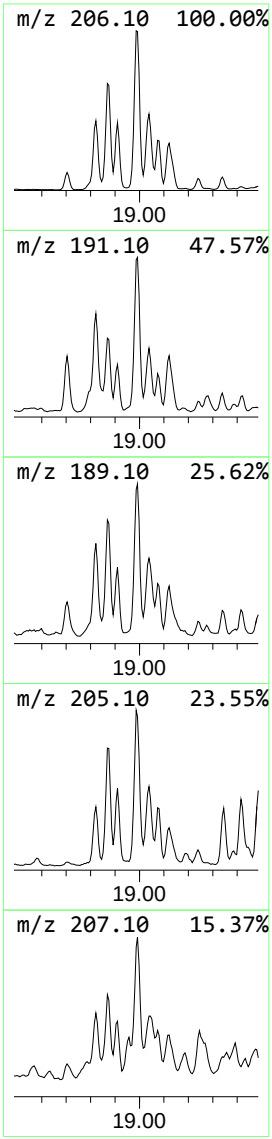
Peak Number 20 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.986	27.64 ng	6514690	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
Data File : BP009288.D
Acq On : 07 Mar 2022 16:43
Operator : CG/JU
Sample : N1708-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PPSP-B5-20.5-21.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.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
Octane, 2,6-dim...	11.675	19.4	ng	13576900	2	10.616	14010300	20.0
Nonane, 3,7-dim...	13.022	14.8	ng	12961600	3	14.463	17522800	20.0
Naphthalene, 2,...	13.628	21.6	ng	18959400	3	14.463	17522800	20.0
Naphthalene, 2,...	13.792	27.2	ng	23848600	3	14.463	17522800	20.0
Naphthalene, 1,...	13.839	17.8	ng	15618400	3	14.463	17522800	20.0
Carbonic acid, ...	13.975	15.2	ng	13343600	3	14.463	17522800	20.0
Naphthalene, 1,...	14.675	15.7	ng	13723800	3	14.463	17522800	20.0
Pentadecane, 2,...	15.751	18.9	ng	16515700	3	14.463	17522800	20.0
Naphthalene, 1,...	16.039	22.7	ng	5355300	4	17.222	4714700	20.0
Chamazulene	16.204	13.9	ng	3276000	4	17.222	4714700	20.0
Hexadecane, 2,6...	16.239	93.8	ng	22118700	4	17.222	4714700	20.0
9H-Fluorene, 9-...	16.581	27.5	ng	6484680	4	17.222	4714700	20.0
Octadecane, 1-i...	17.063	78.1	ng	18411700	4	17.222	4714700	20.0
Hexadecane, 3-m...	17.675	17.2	ng	4062650	4	17.222	4714700	20.0
Phenanthrene, 1...	18.098	25.1	ng	5929650	4	17.222	4714700	20.0
Anthracene, 2-m...	18.145	38.6	ng	9111230	4	17.222	4714700	20.0
1H-Cyclopropa[l...	18.280	18.0	ng	4244260	4	17.222	4714700	20.0
1H-Indene, 2-ph...	18.322	17.1	ng	4041290	4	17.222	4714700	20.0
Phenanthrene, 1...	18.869	20.4	ng	4800460	4	17.222	4714700	20.0
Phenanthrene, 2...	18.986	27.6	ng	6514690	4	17.222	4714700	20.0