LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032024\
Data File : BG060694.D
Acq On : 20 Mar 2024 16:37
Operator : MA/JU
Sample : P1804-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-A

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060694.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.781	400	407	416	rVB	590156	958268	5.07%	0.574%
2	7.409	672	684	692	rBV	648805	1121122	5.93%	0.672%
3	8.290	826	834	843	rVB	348542	607051	3.21%	0.364%
4	9.489	1026	1038	1045	rBV2	403235	872604	4.62%	0.523%
5	11.010	1292	1297	1302	rBV	133616	211037	1.12%	0.126%
6	11.134	1311	1318	1323	rBV	490075	934387	4.95%	0.560%
7	11.187	1323	1327	1337	rVB	541401	1033150	5.47%	0.619%
8	11.768	1421	1426	1437	rVB8	88928	221380	1.17%	0.133%
9	12.291	1507	1515	1521	rBV3	107258	221560	1.17%	0.133%
10	12.450	1537	1542	1546	rBV	193056	277388	1.47%	0.166%
11	12.767	1590	1596	1603	rBV	380835	603791	3.20%	0.362%
12	12.991	1628	1634	1639	rBV2	384877	659202	3.49%	0.395%
13	13.549	1722	1729	1734	rBV	1036435	1662990	8.80%	0.996%
14	13.672	1745	1750	1756	rBV	332997	478354	2.53%	0.287%
15	13.760	1760	1765	1770	rVV2	122205	205651	1.09%	0.123%
16	14.095	1813	1822	1829	rBV6	161011	456169	2.41%	0.273%
17	14.236	1841	1846	1851	rBV2	247886	402381	2.13%	0.241%
18	14.295	1851	1856	1858	rBV	167495	267820	1.42%	0.160%
19	14.642	1908	1915	1921	rBV3	101082	273824	1.45%	0.164%
20	14.736	1927	1931	1940	rVB	374107	541221	2.87%	0.324%
21	14.924	1958	1963	1969	rVV	724258	1104257	5.85%	0.661%
22	14.988	1969	1974	1984	rVB	835987	1290072	6.83%	0.773%
23	15.317	2022	2030	2035	rBV2	453708	879967	4.66%	0.527%
24	15.511	2058	2063	2069	rBV2	133052	295519	1.56%	0.177%
25	15.687	2086	2093	2097	rBV	488734	714902	3.78%	0.428%
26	15.964	2134	2140	2150	rVB	1042030	1753622	9.28%	1.050%
27	16.081	2151	2160	2165	rBV2	262258	627463	3.32%	0.376%
28	16.246	2184	2188	2195	rVB2	236863	403938	2.14%	0.242%
29	16.404	2208	2215	2221	rBV2	911346	1635962	8.66%	0.980%
30	16.551	2235	2240	2246	rBV	452784	796724	4.22%	0.477%
31	16.956	2302	2309	2314	rVB2	231236	481874	2.55%	0.289%
32	17.009	2314	2318	2323	rBV3	171850	239589	1.27%	0.144%
33	17.174	2340	2346	2350	rBV3	123951	251592	1.33%	0.151%
34	17.344	2369	2375	2378	rVV2	366627	516494	2.73%	0.309%
35	17.385	2378	2382	2387	rVB2	229688	331542	1.76%	0.199%
36	17.491	2395	2400	2406	rVB	406321	649185	3.44%	0.389%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032024\
Data File : BG060694.D
Acq On : 20 Mar 2024 16:37
Operator : MA/JU
Sample : P1804-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-A

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.673	2426	2431	2434	rBV	865728	1320892	6.99%	0.791%
38	17.720	2434	2439	2446	rVB	5473389	8716605	46.14%	5.222%
39	17.808	2449	2454	2462	rVV	1788556	2625203	13.90%	1.573%
40	18.085	2493	2501	2506	rBV	906864	1393022	7.37%	0.834%
41	18.184	2514	2518	2525	rBV3	134120	246267	1.30%	0.148%
42	18.273	2525	2533	2539	rVB	3034667	3925500	20.78%	2.352%
43	18.390	2550	2553	2559	rVB	145313	258583	1.37%	0.155%
44	18.496	2568	2571	2574	rBV2	299182	361720	1.91%	0.217%
45	18.537	2574	2578	2582	rVV	804593	1223312	6.48%	0.733%
46	18.590	2582	2587	2594	rVB	1089153	1623780	8.60%	0.973%
47	18.666	2596	2600	2605	rBV	421572	619995	3.28%	0.371%
48	18.743	2605	2613	2616	rVV3	1386910	2871991	15.20%	1.720%
49	18.772	2616	2618	2623	rVB	906042	964518	5.11%	0.578%
50	19.031	2657	2662	2667	rBV	586795	957911	5.07%	0.574%
51	19.083	2668	2671	2678	rVB2	353435	467397	2.47%	0.280%
52	19.313	2707	2710	2714	rVB	244989	272097	1.44%	0.163%
53	19.354	2714	2717	2721	rVB2	243023	282740	1.50%	0.169%
54	19.412	2721	2727	2730	rBV	13354261	18890206	100.00%	11.316%
55	19.442	2730	2732	2740	rVB2	7689529	9682184	51.26%	5.800%
56	19.559	2749	2752	2756	rBV	1451580	1765059	9.34%	1.057%
57	19.718	2772	2779	2784	rBV	7211030	12065910	63.87%	7.228%
58	19.759	2784	2786	2789	rVV2	276306	292819	1.55%	0.175%
59	19.800	2790	2793	2799	rVB2	199442	326159	1.73%	0.195%
60	19.965	2817	2821	2828	rVB2	622810	967583	5.12%	0.580%
61	20.041	2828	2834	2836	rBV2	1417472	2517089	13.32%	1.508%
62	20.082	2836	2841	2846	rVV	6850743	11070614	58.61%	6.632%
63	20.129	2846	2849	2854	rVB2	529987	739168	3.91%	0.443%
64	20.253	2865	2870	2874	rBV2	1974115	2659003	14.08%	1.593%
65	20.323	2879	2882	2885	rVB	241819	297909	1.58%	0.178%
66	20.388	2888	2893	2899	rVB4	666015	1486456	7.87%	0.890%
67	20.452	2901	2904	2907	rBV	204726	281212	1.49%	0.168%
68	20.523	2909	2916	2917	rVV4	606240	1226584	6.49%	0.735%
69	20.558	2918	2922	2927	rVB	1471696	2222627	11.77%	1.331%
70	20.652	2934	2938	2942	rBV	1289048	1886060	9.98%	1.130%
71	20.717	2946	2949	2952	rVB	619585	773512	4.09%	0.463%
72	20.858	2969	2973	2977	rBV	602561	876445	4.64%	0.525%
73	20.905	2977	2981	2988	rVB	712478	1084043	5.74%	0.649%
74	21.345	3052	3056	3062	rVB	496082	870169	4.61%	0.521%
75	21.539	3085	3089	3094	rBV2	718439	1168016	6.18%	0.700%
76	21.586	3094	3097	3101	rVB	596639	833855	4.41%	0.500%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032024\
Data File : BG060694.D
Acq On : 20 Mar 2024 16:37
Operator : MA/JU
Sample : P1804-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-A

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	21.639	3102	3106	3111	rBV2	657827	1192378	6.31%	0.714%
78	21.704	3114	3117	3127	rVB2	608844	1065776	5.64%	0.638%
79	21.980	3157	3164	3171	rBV3	3771422	8776542	46.46%	5.258%
80	22.051	3171	3176	3182	rVB	3353132	5833506	30.88%	3.495%
81	22.209	3198	3203	3210	rVB	843203	1460647	7.73%	0.875%
82	22.286	3212	3216	3221	rVV2	354917	613926	3.25%	0.368%
83	22.773	3295	3299	3307	rVB	685573	1297317	6.87%	0.777%
84	24.407	3567	3577	3585	rBV	2266722	8718285	46.15%	5.223%
85	24.683	3618	3624	3634	rVB	547753	1395617	7.39%	0.836%
86	25.212	3707	3714	3732	rVB	1220315	3980964	21.07%	2.385%
87	25.388	3734	3744	3759	rVB	1999294	6501272	34.42%	3.895%

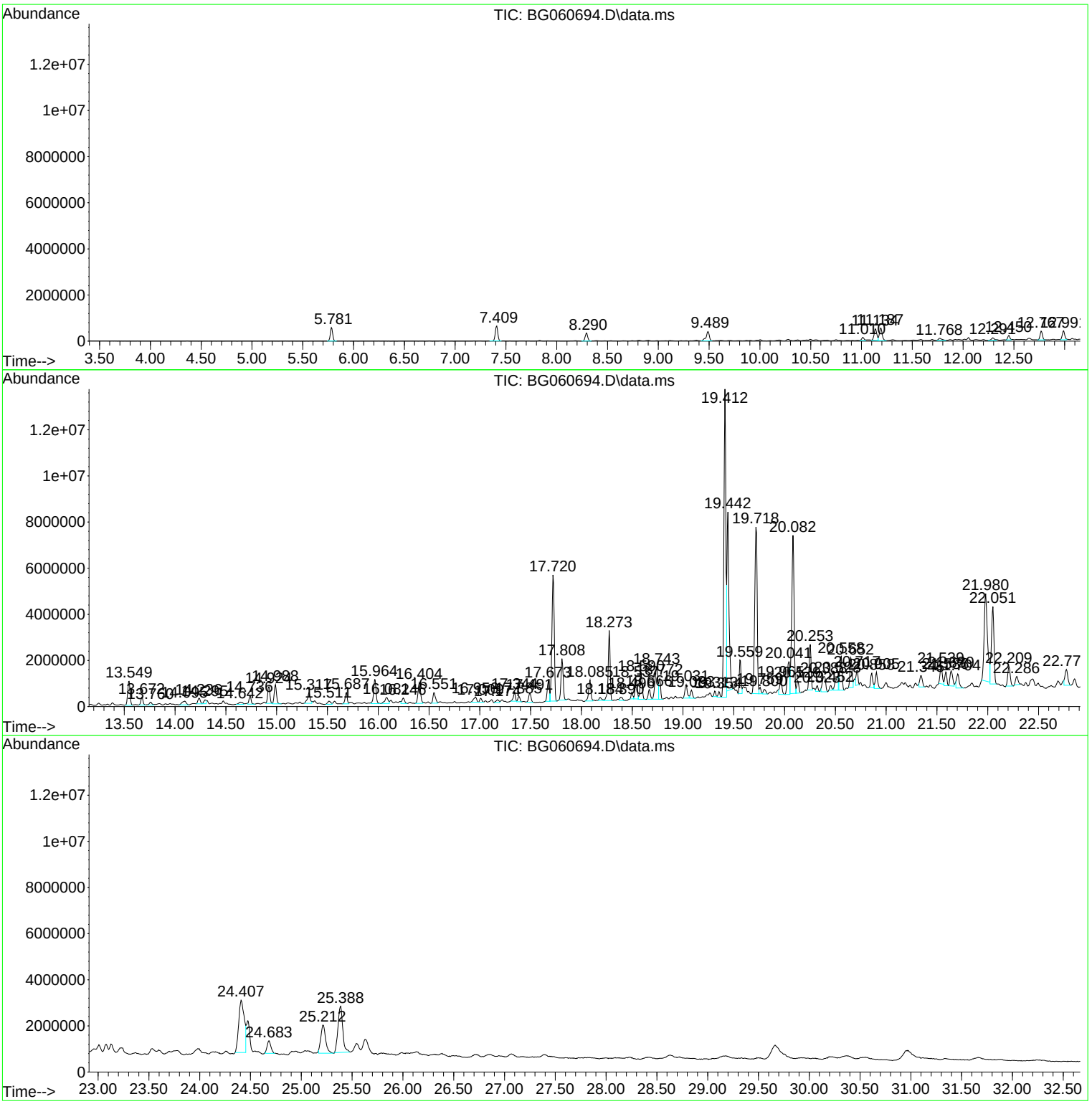
Sum of corrected areas: 166932497

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032024\
Data File : BG060694.D
Acq On : 20 Mar 2024 16:37
Operator : MA/JU
Sample : P1804-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.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_G\Data\BG032024\
Data File : BG060694.D
Acq On : 20 Mar 2024 16:37
Operator : MA/JU
Sample : P1804-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

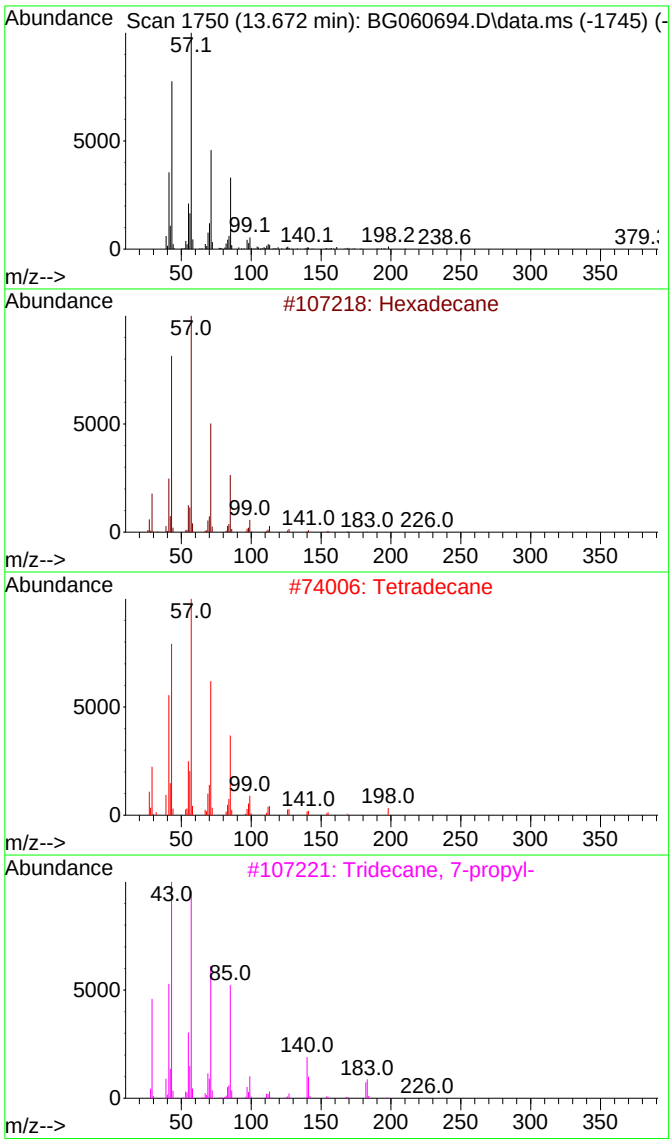
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

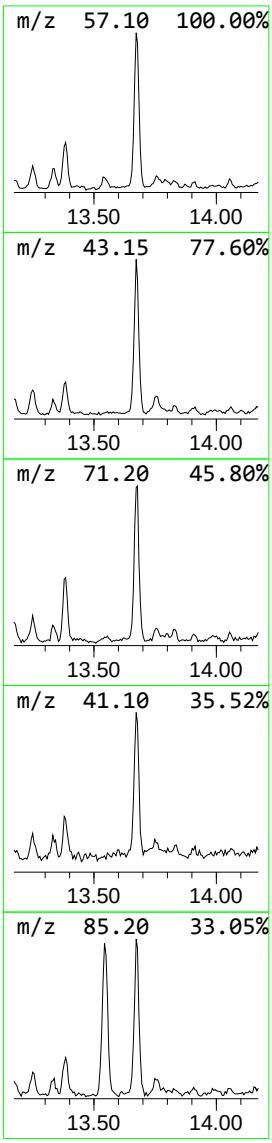
****

Peak Number 1 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.672	8.66 ng	478354	Acenaphthene-d10	14.924

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	72
4	Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	72
5	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032024\
Data File : BG060694.D
Acq On : 20 Mar 2024 16:37
Operator : MA/JU
Sample : P1804-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

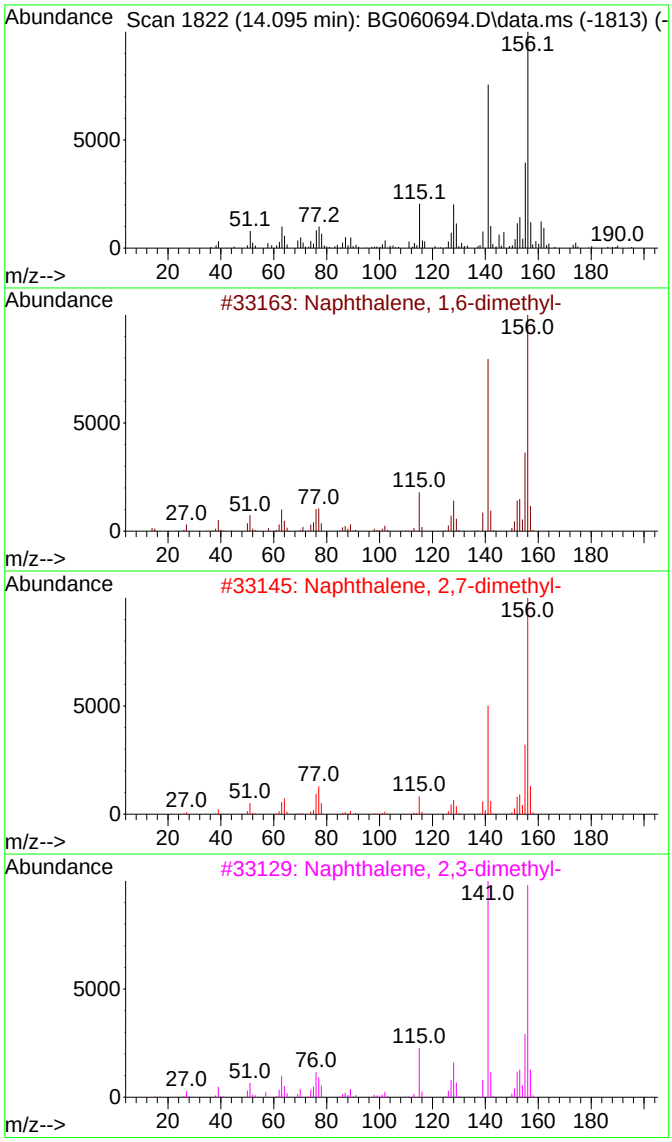
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

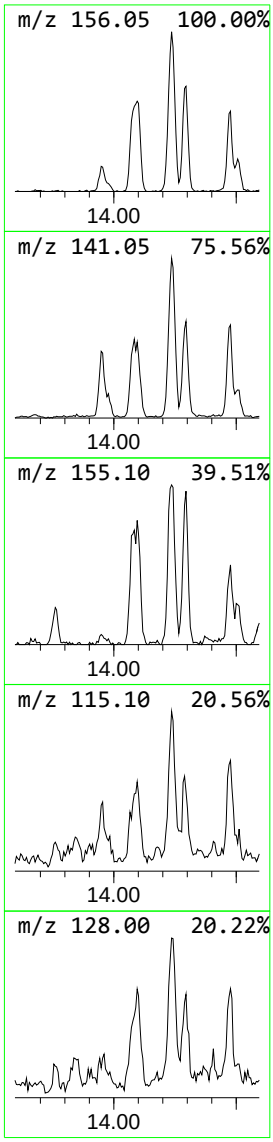
****

Peak Number 2 Naphthalene, 1,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.095	8.26 ng	456169	Acenaphthene-d10	14.924

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032024\
Data File : BG060694.D
Acq On : 20 Mar 2024 16:37
Operator : MA/JU
Sample : P1804-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

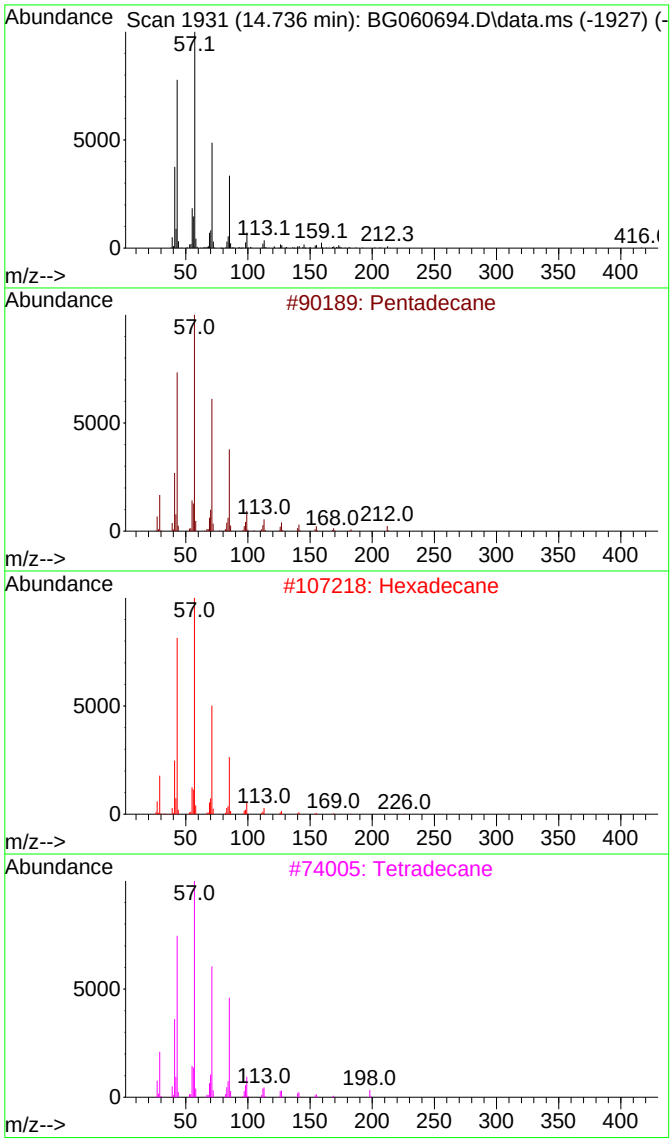
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

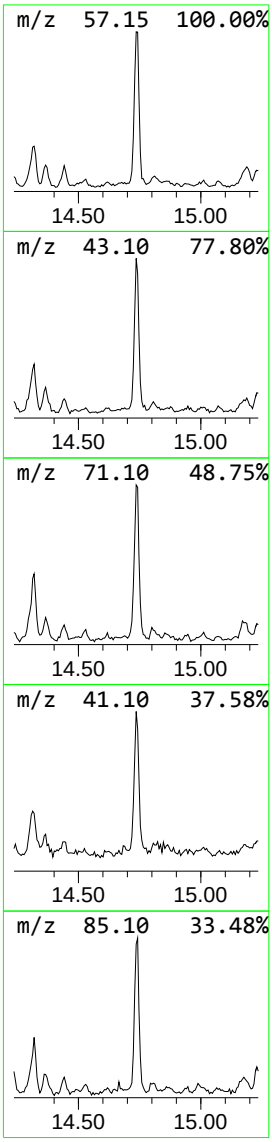
****

Peak Number 3 Pentadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.736	9.80 ng	541221	Acenaphthene-d10	14.924

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tetradecane	198	C14H30	000629-59-4	90
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	83
5	Tridecane	184	C13H28	000629-50-5	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032024\
Data File : BG060694.D
Acq On : 20 Mar 2024 16:37
Operator : MA/JU
Sample : P1804-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.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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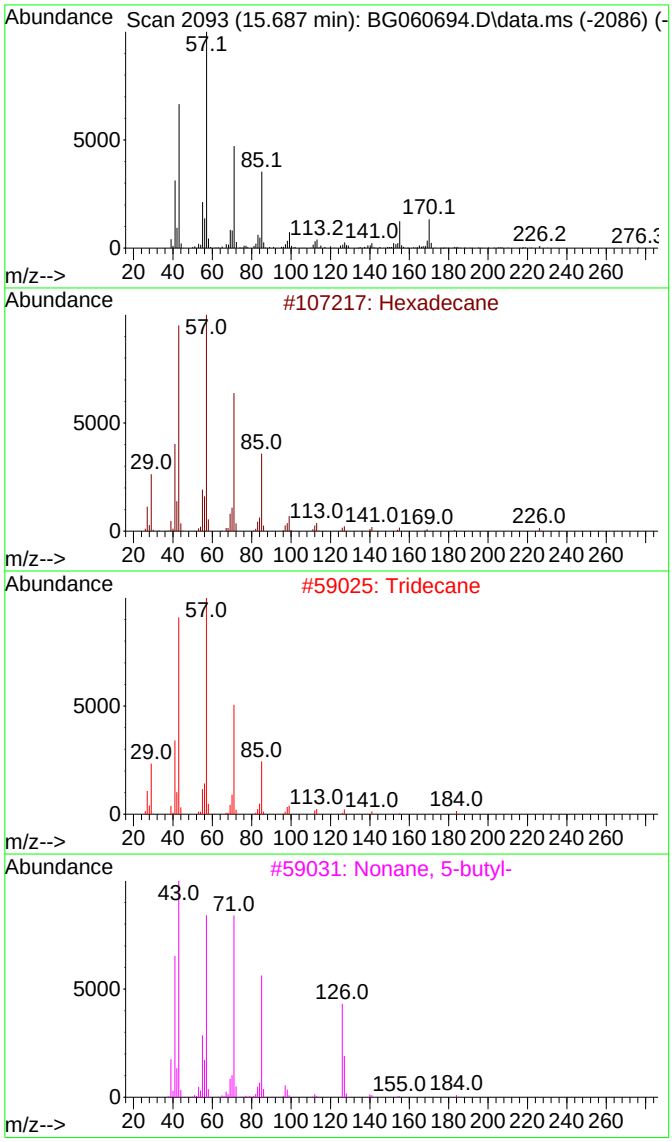
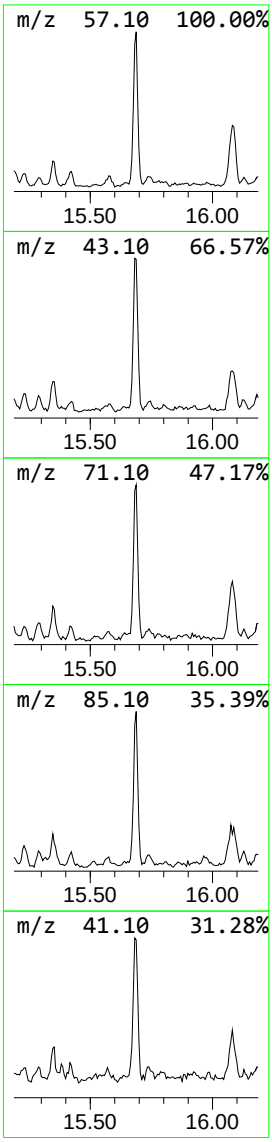
Peak Number 4 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.687	12.95 ng	714902	Acenaphthene-d10	14.924

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Tridecane	184	C13H28	000629-50-5	89
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	78
4	Nonadecane	268	C19H40	000629-92-5	74
5	Heptadecane	240	C17H36	000629-78-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032024\
Data File : BG060694.D
Acq On : 20 Mar 2024 16:37
Operator : MA/JU
Sample : P1804-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

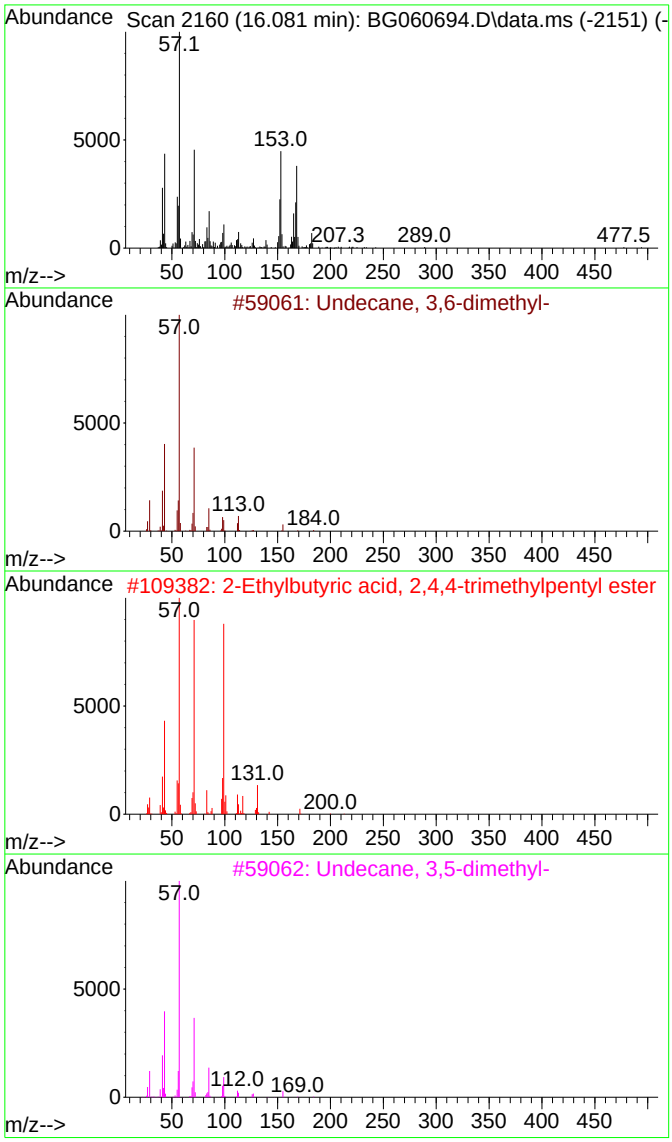
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

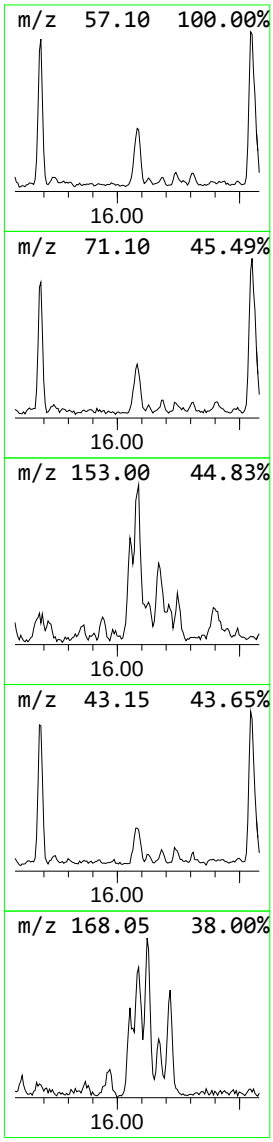
****

Peak Number 5 unknown16.081 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.081	11.36 ng	627463	Acenaphthene-d10	14.924

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	35
2	2-Ethylbutyric acid, 2,4,4-trime...	228	C14H28O2	1000369-49-3	27
3	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	27
4	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	27
5	Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032024\
Data File : BG060694.D
Acq On : 20 Mar 2024 16:37
Operator : MA/JU
Sample : P1804-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-A

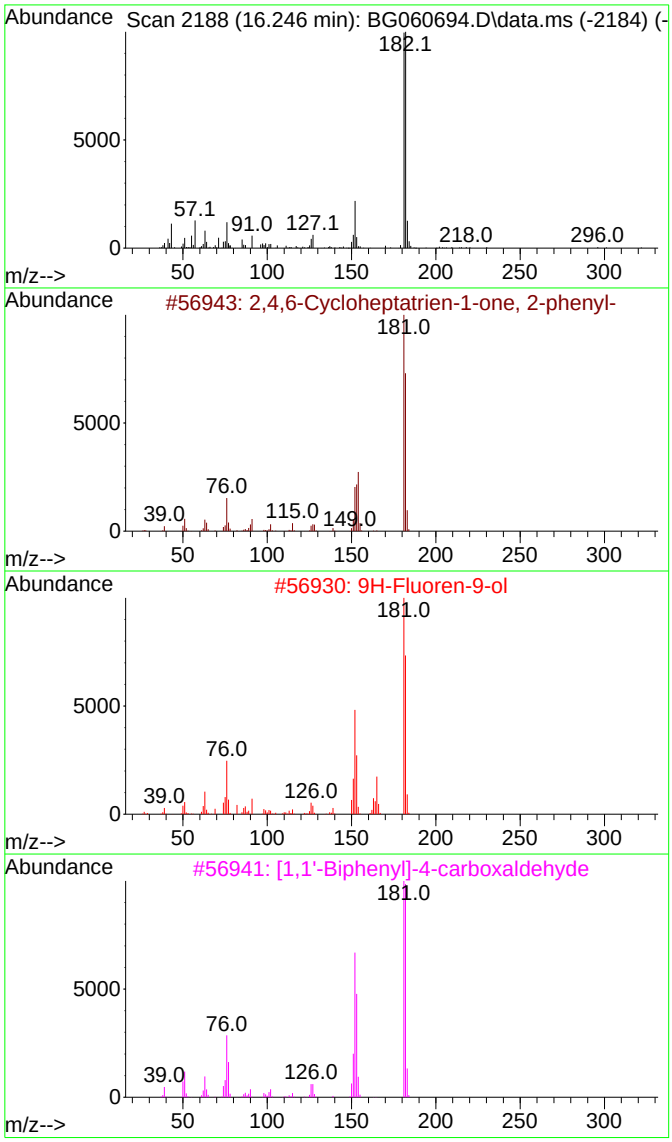
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

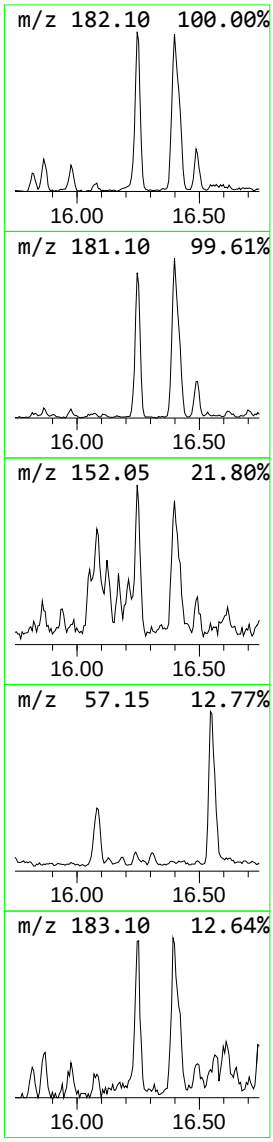
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2,4,6-Cycloheptatrien-1-one... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.246	7.32 ng	403938	Acenaphthene-d10	14.924

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	72
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	68





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Operator : MA/JU
Sample : P1804-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-03-03192024-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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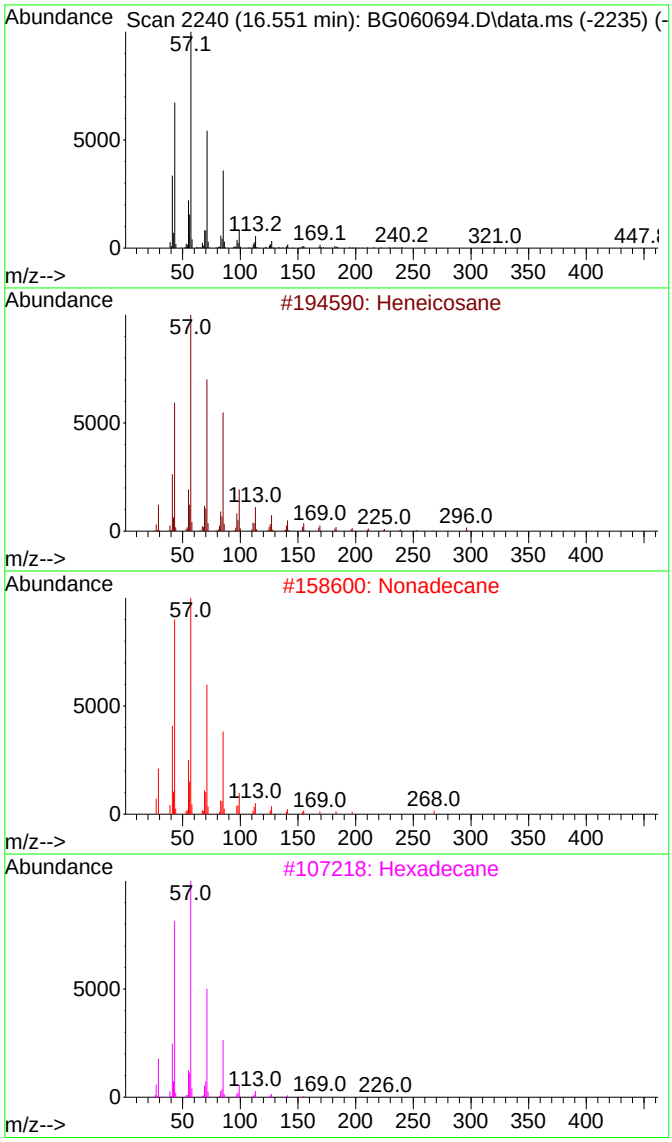
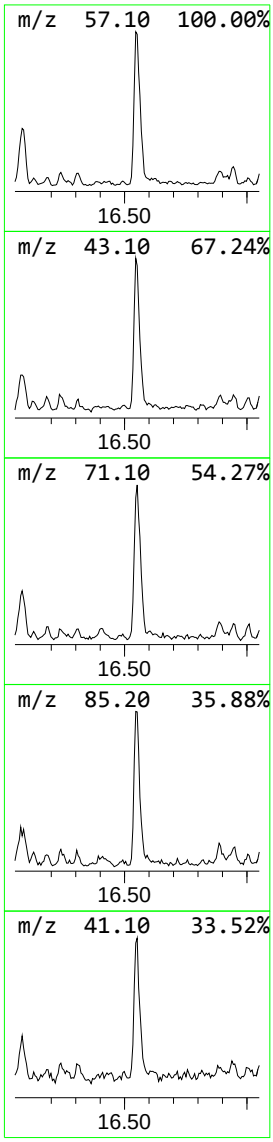
Peak Number 7 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.551	12.06 ng	796724	Phenanthrene-d10	17.673

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Nonadecane	268	C19H40	000629-92-5	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Decane, 5-propyl-	184	C13H28	017312-62-8	87
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





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Sample : P1804-01 2X
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-03-03192024-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

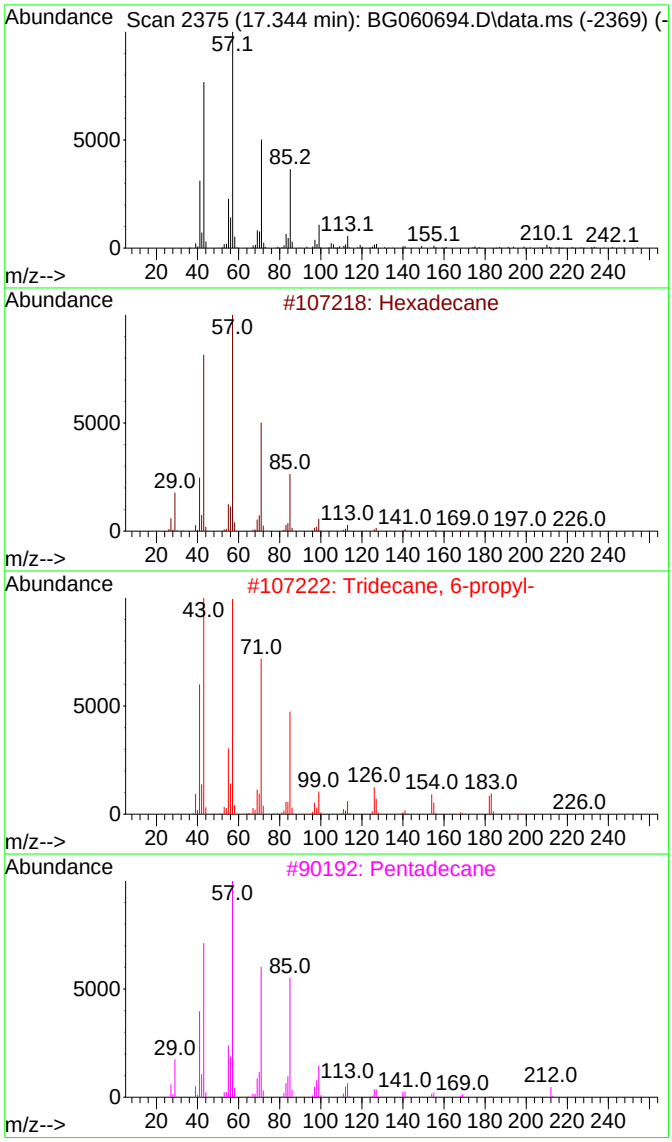
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

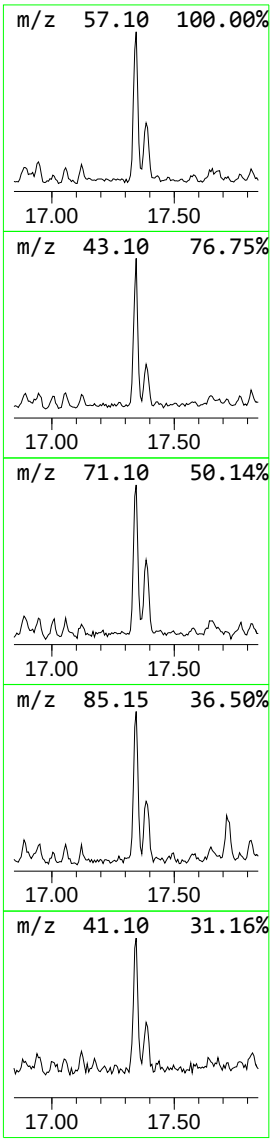
****

Peak Number 8 Tridecane, 6-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.344	7.82 ng	516494	Phenanthrene-d10	17.673

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	81
3	Pentadecane	212	C15H32	000629-62-9	81
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	72





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ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :
JC-03-03192024-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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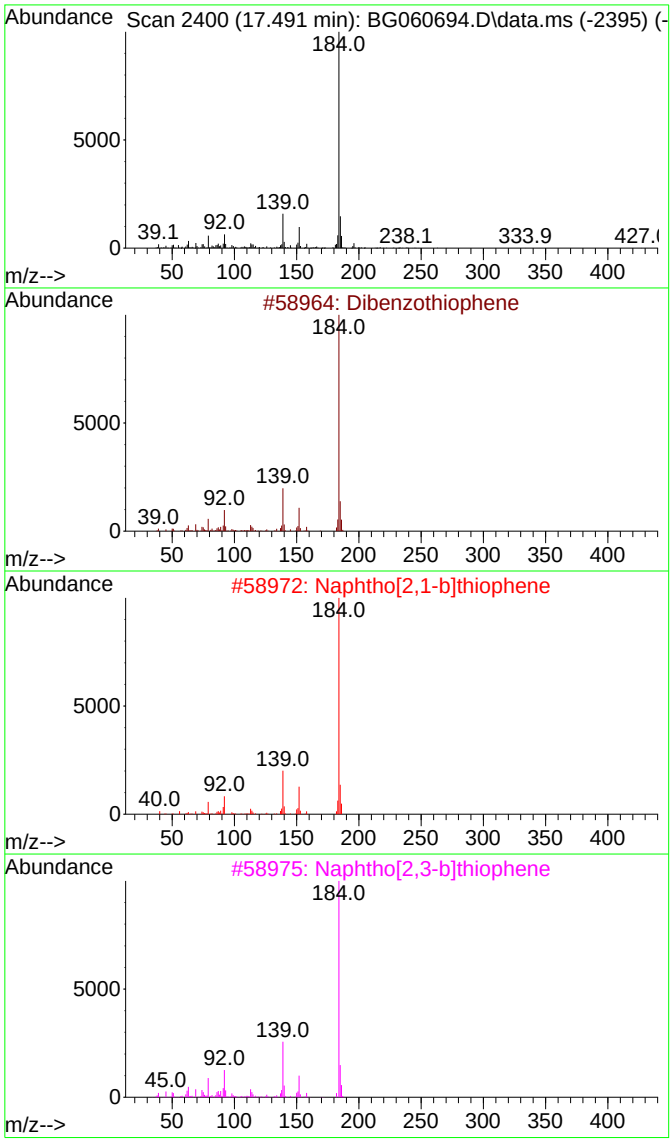
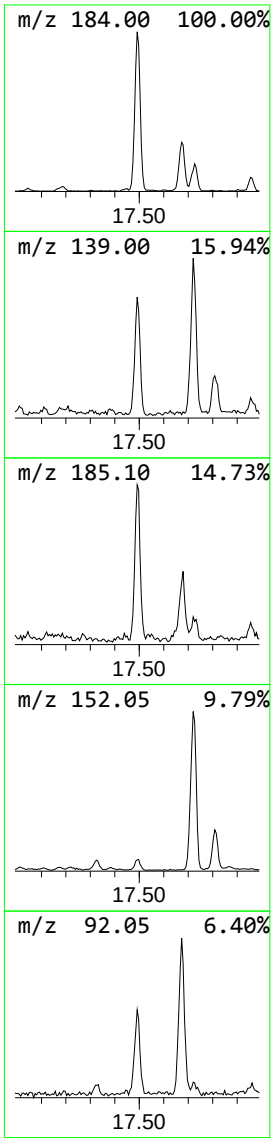
Peak Number 9 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.491	9.83 ng	649185	Phenanthrene-d10	17.673

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Misc :
ALS Vial : 10 Sample Multiplier: 1

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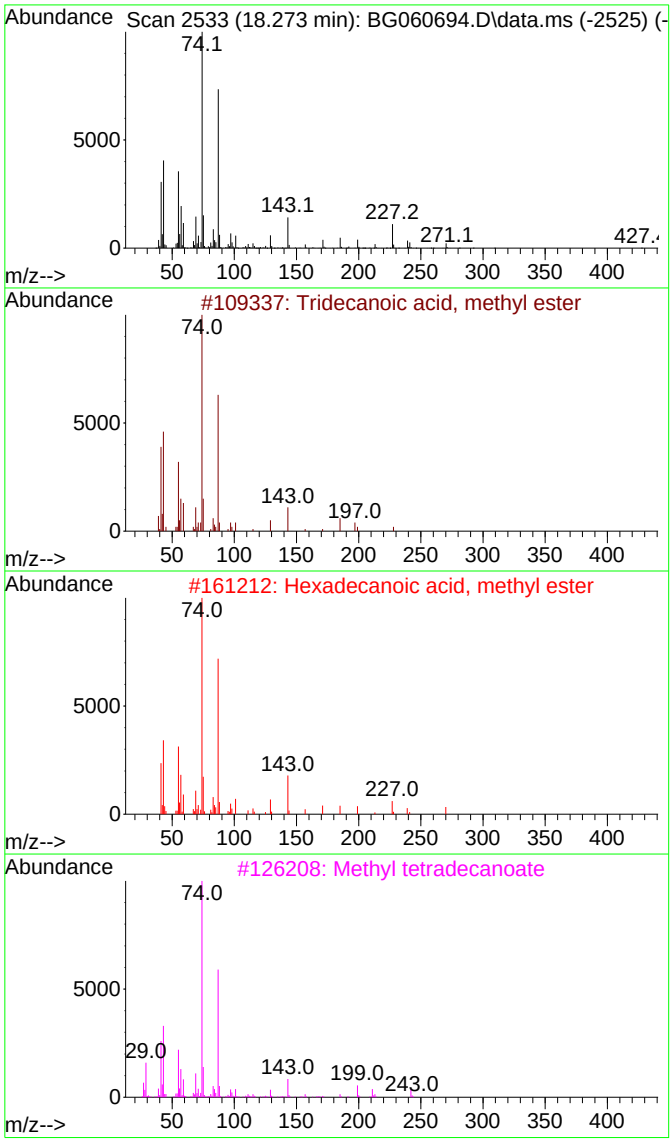
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

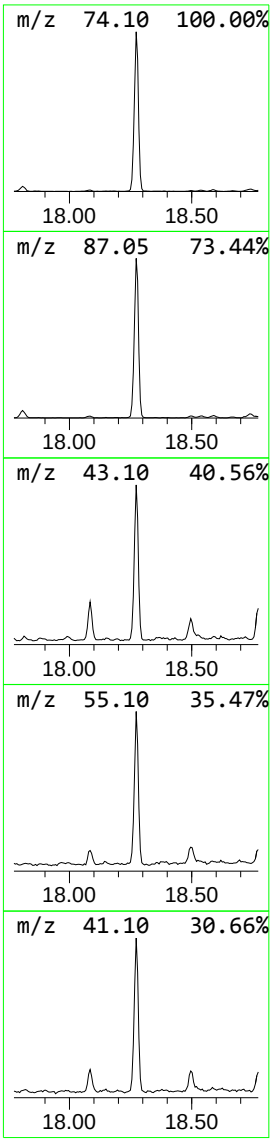
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Tridecanoic acid, methyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.273	59.44 ng	3925500	Phenanthrene-d10	17.673

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	92
2	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	92
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	80





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Sample : P1804-01 2X
Misc :
ALS Vial : 10 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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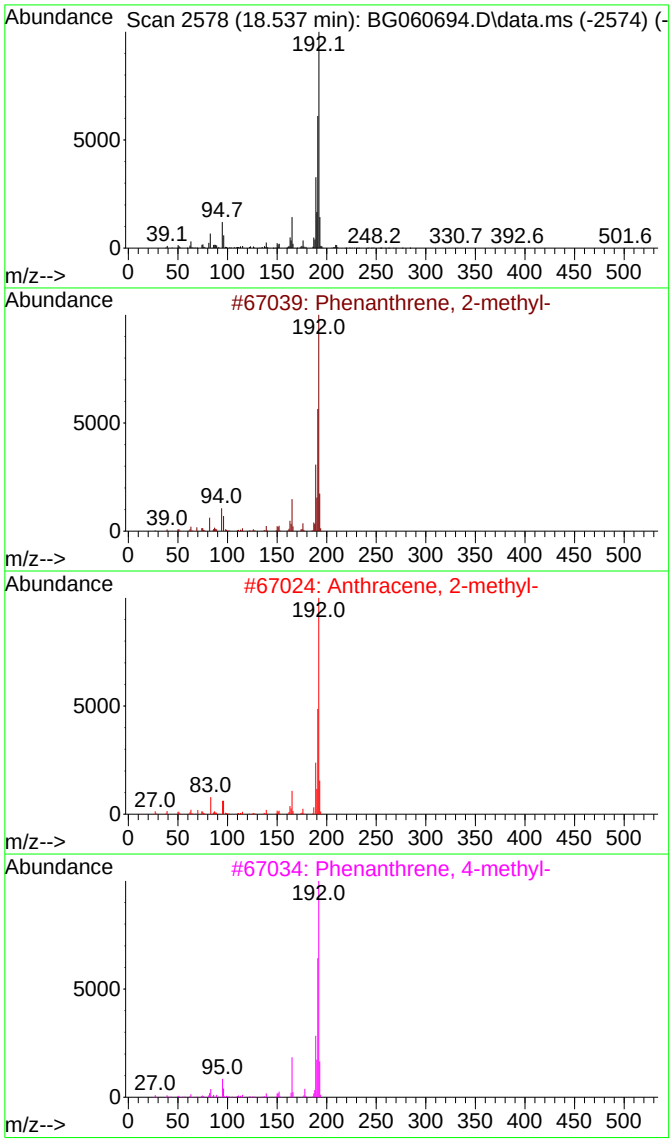
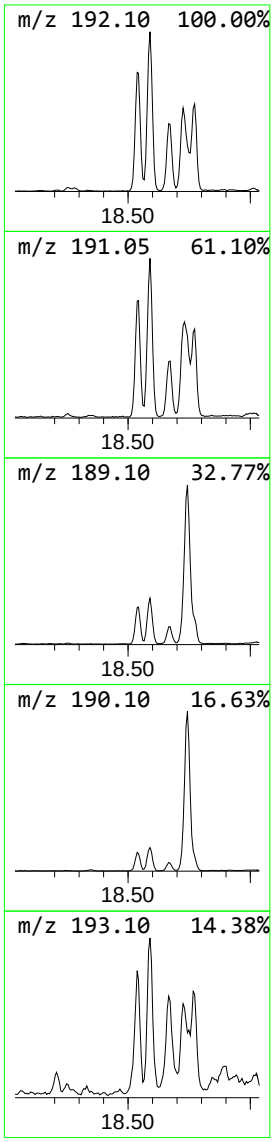
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.537	18.52 ng	1223310	Phenanthrene-d10	17.673

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Sample : P1804-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-03-03192024-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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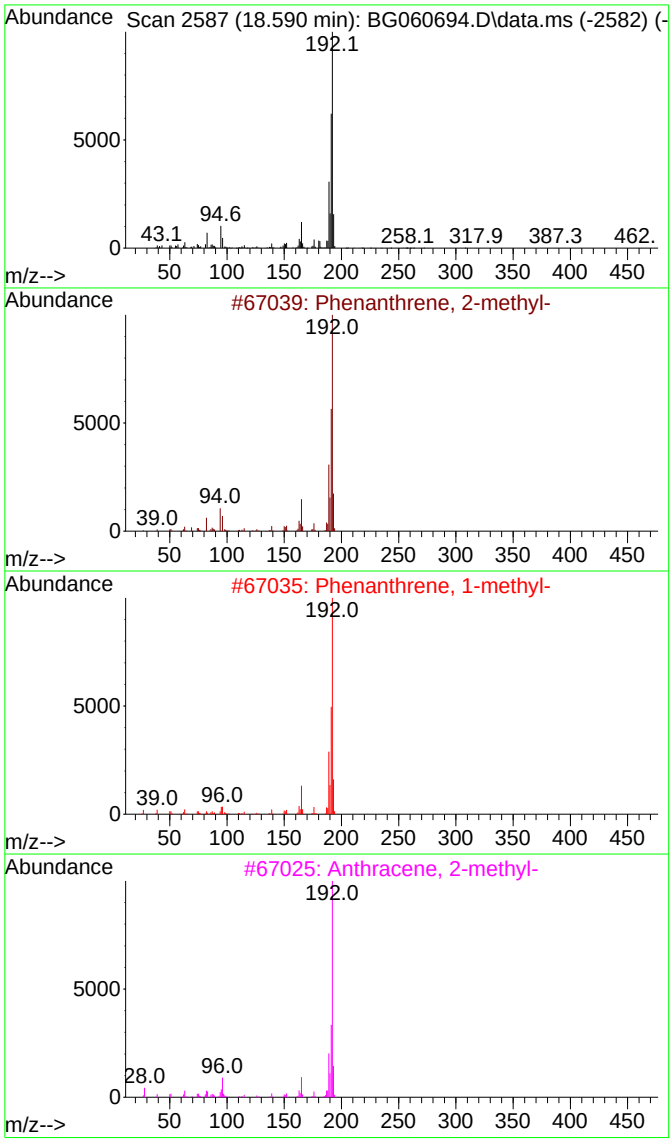
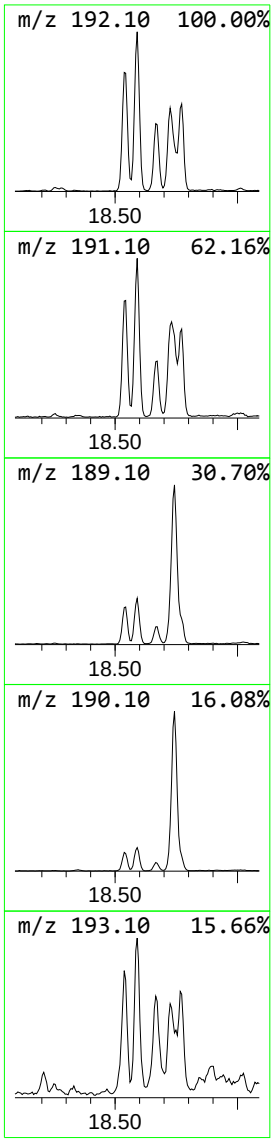
Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.590	24.59 ng	1623780	Phenanthrene-d10	17.673

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	89





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Sample : P1804-01 2X
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

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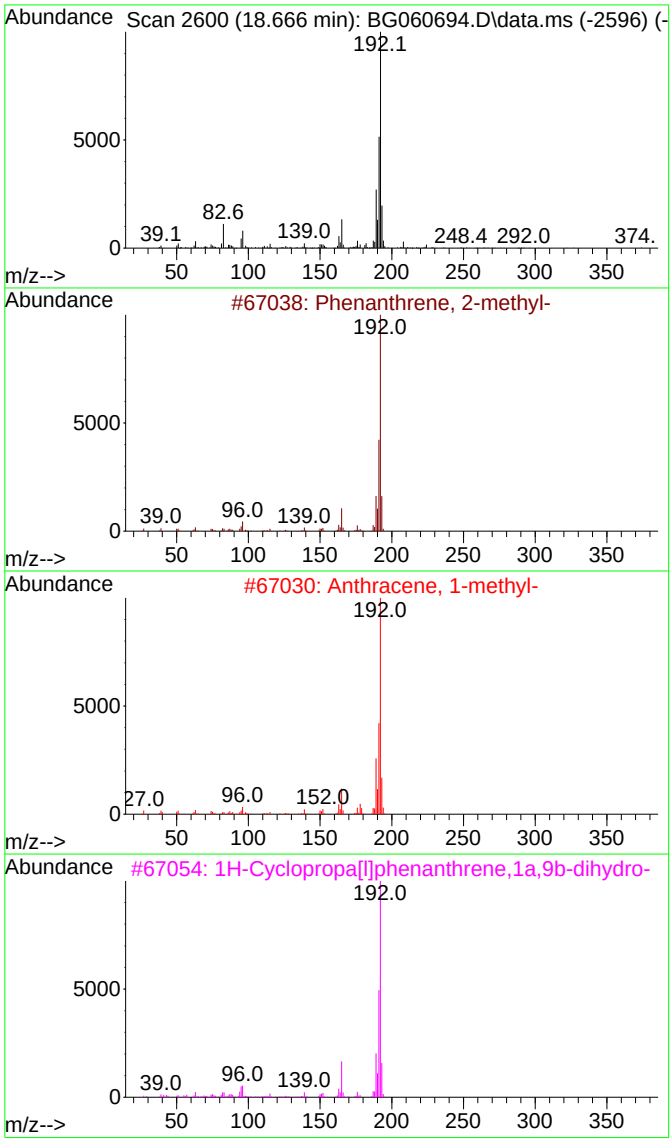
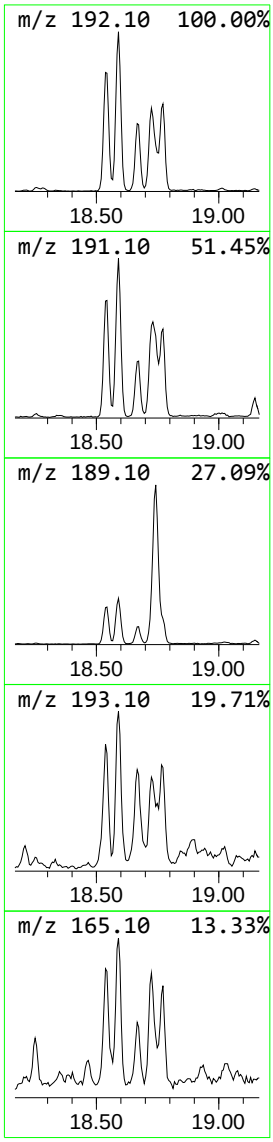
Peak Number 13 Anthracene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.666	9.39 ng	619995	Phenanthrene-d10	17.673

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94





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Sample : P1804-01 2X
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

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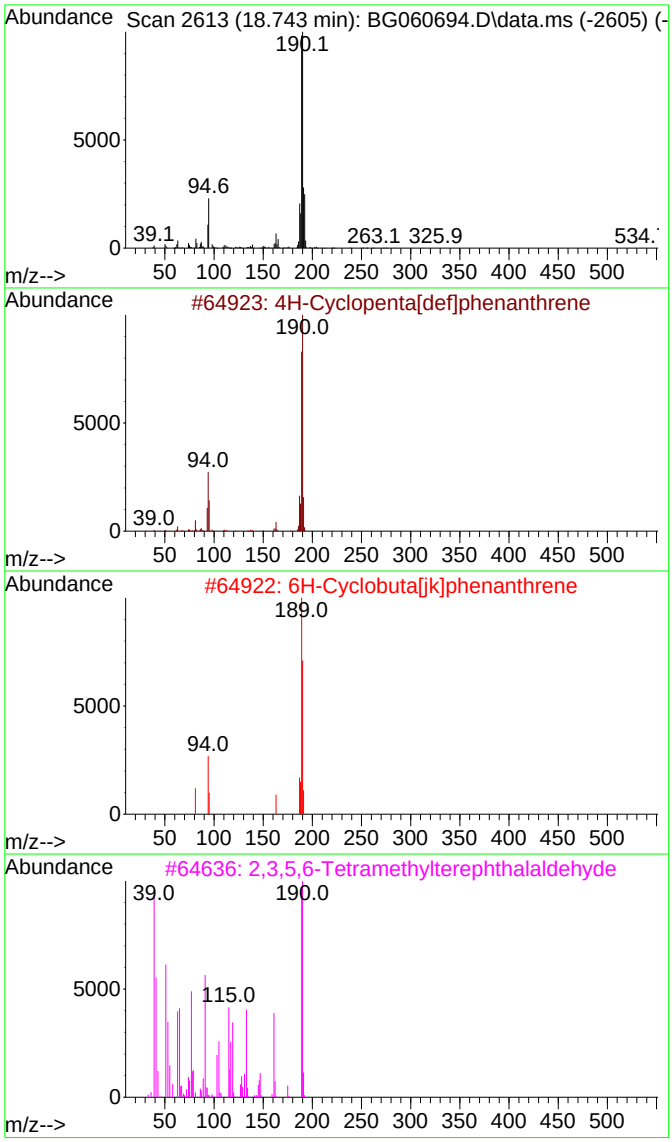
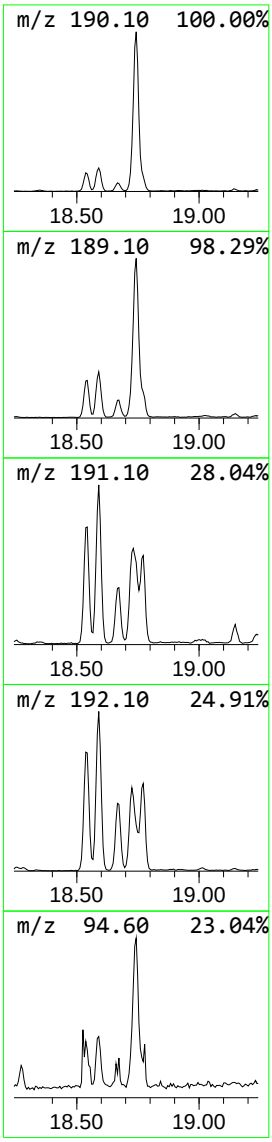
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.743	43.49 ng	2871990	Phenanthrene-d10	17.673

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	49
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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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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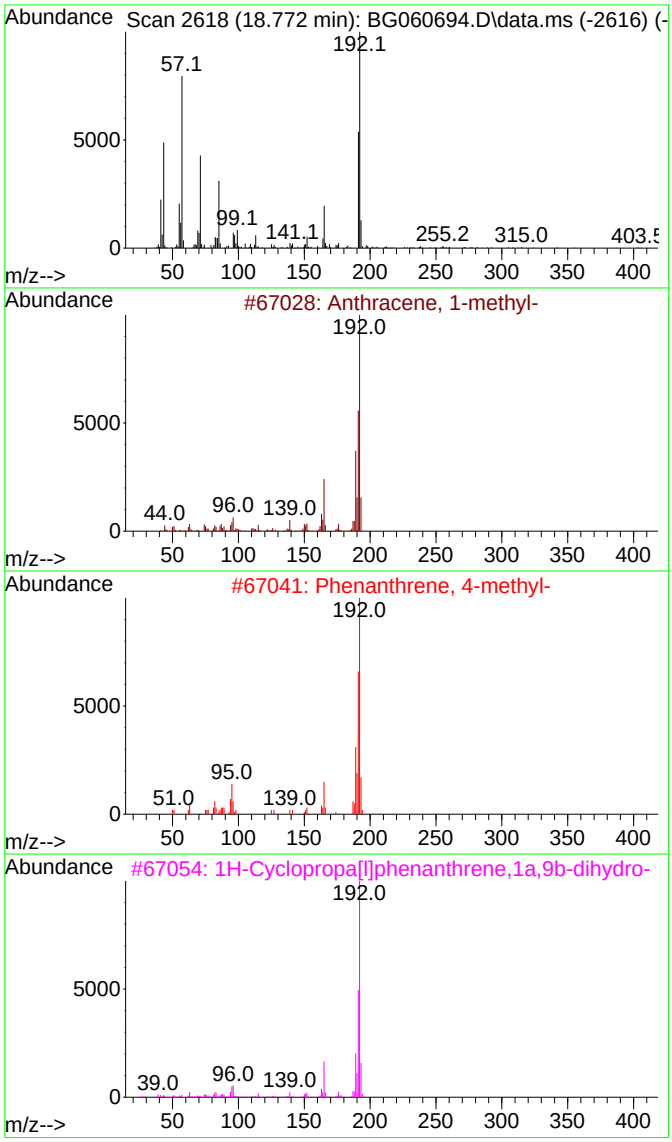
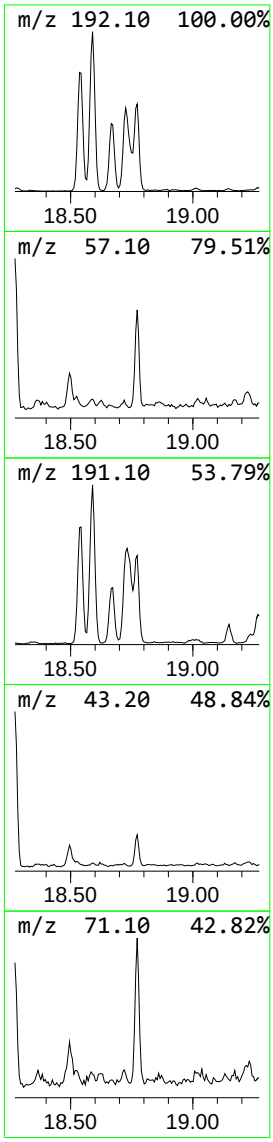
Peak Number 15 Phenanthrene, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.772	14.60 ng	964518	Phenanthrene-d10	17.673

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	60
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	53
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	52
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	52





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ALS Vial : 10 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

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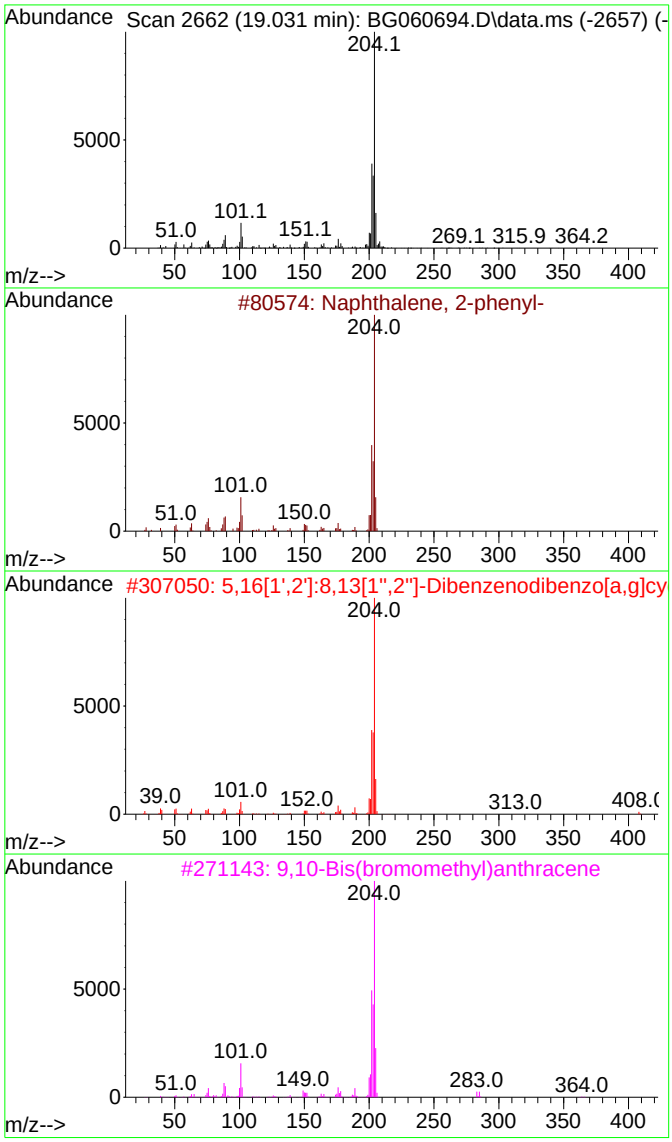
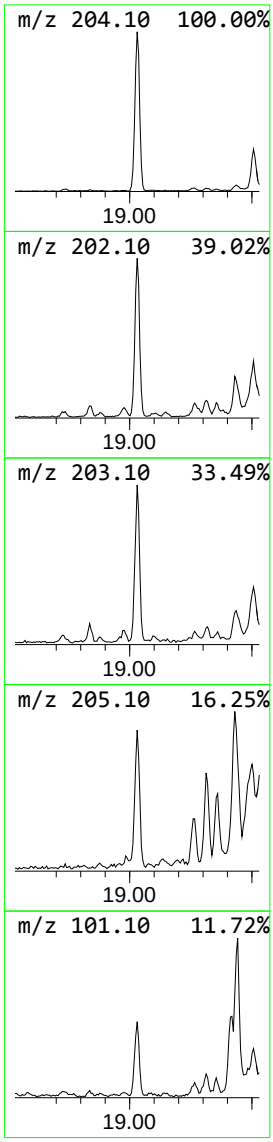
Peak Number 16 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.031	14.50 ng	957911	Phenanthrene-d10	17.673

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	91
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	76
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60





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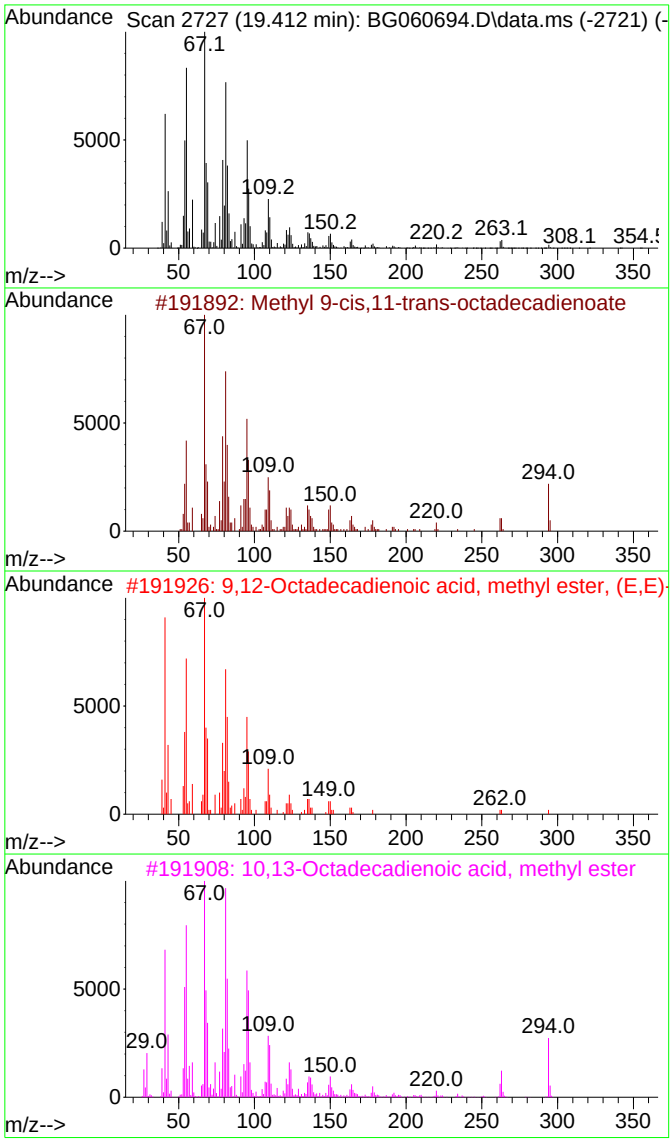
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

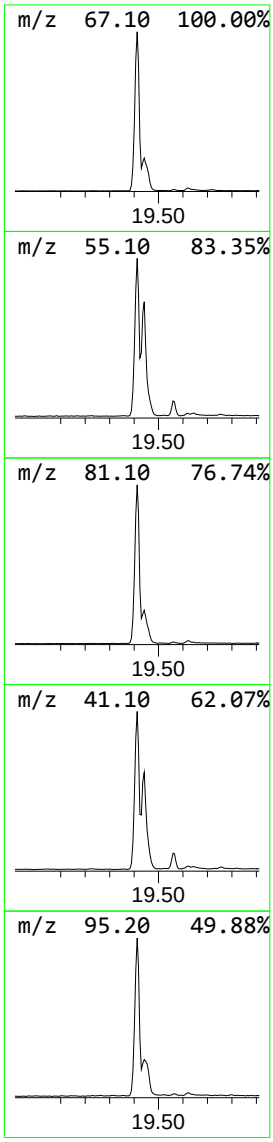
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Methyl 9-cis,11-trans-octad... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.412	286.02 ng	18890200	Phenanthrene-d10	17.673

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	98
3	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	93
4	11-Octadecynoic acid, methyl ester	294	C19H34O2	026543-37-3	93
5	9,12-Octadecadienal	264	C18H32O	026537-70-2	93





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Data File : BG060694.D
Acq On : 20 Mar 2024 16:37
Operator : MA/JU
Sample : P1804-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-A

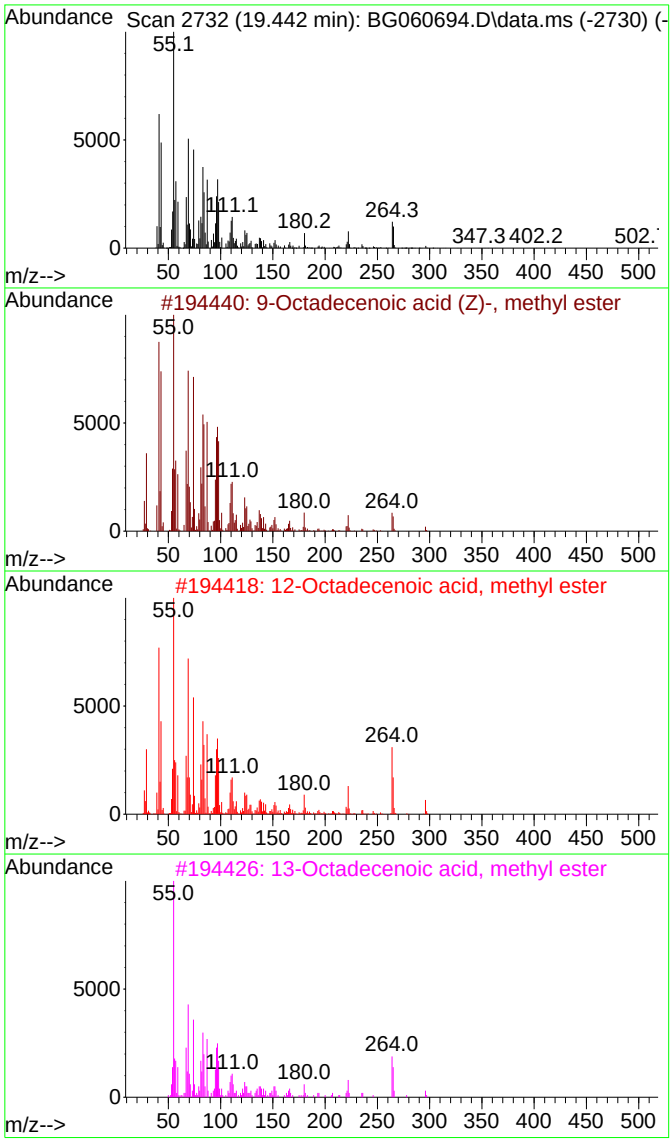
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

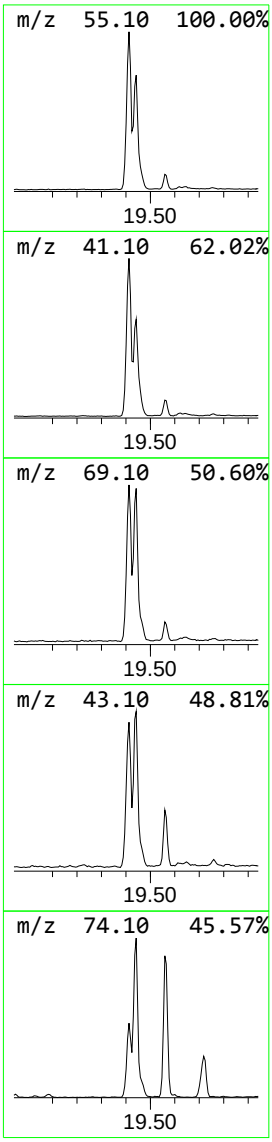
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.442	146.60 ng	9682180	Phenanthrene-d10	17.673

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	98
2	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	94
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	94
4	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	91
5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032024\
Data File : BG060694.D
Acq On : 20 Mar 2024 16:37
Operator : MA/JU
Sample : P1804-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.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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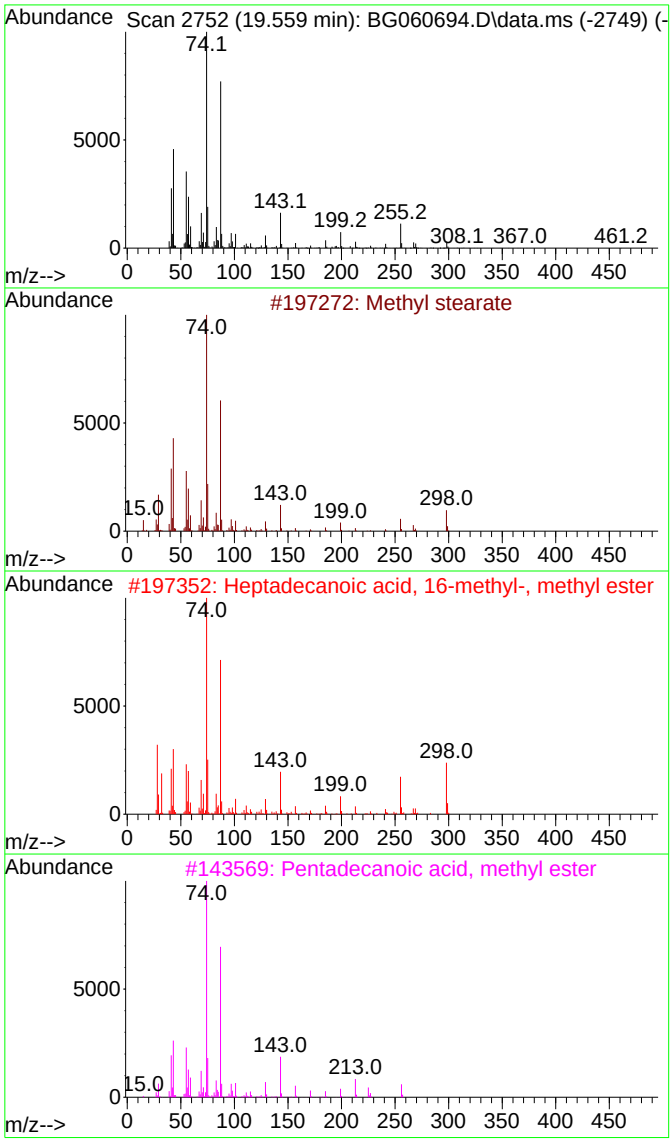
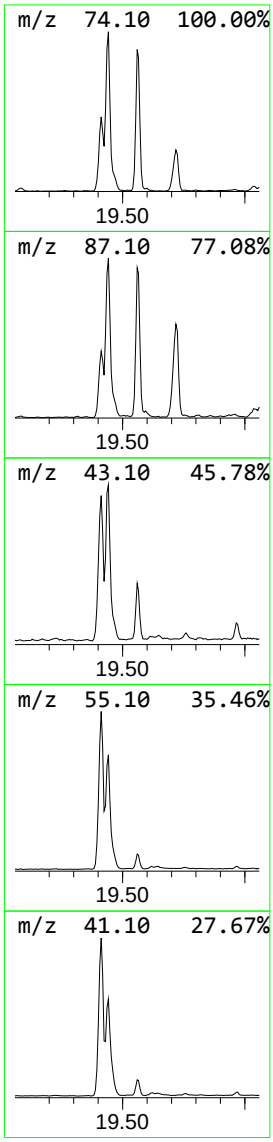
Peak Number 19 Methyl stearate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.559	26.73 ng	1765060	Phenanthrene-d10	17.673

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	97
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	94
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	90
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032024\
Data File : BG060694.D
Acq On : 20 Mar 2024 16:37
Operator : MA/JU
Sample : P1804-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

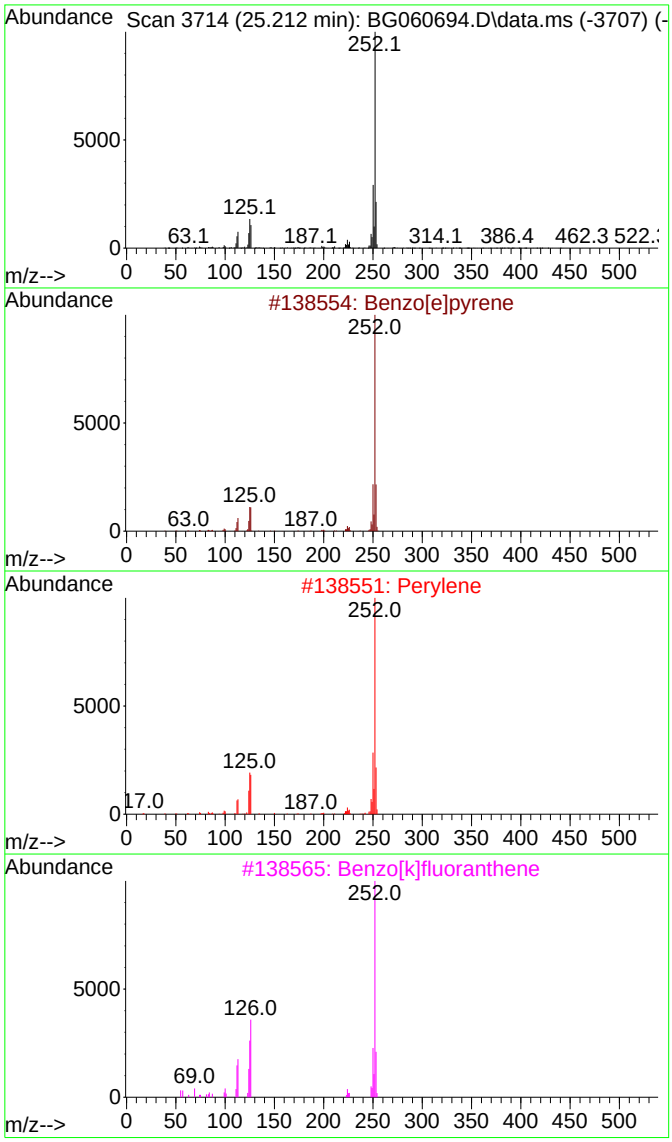
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

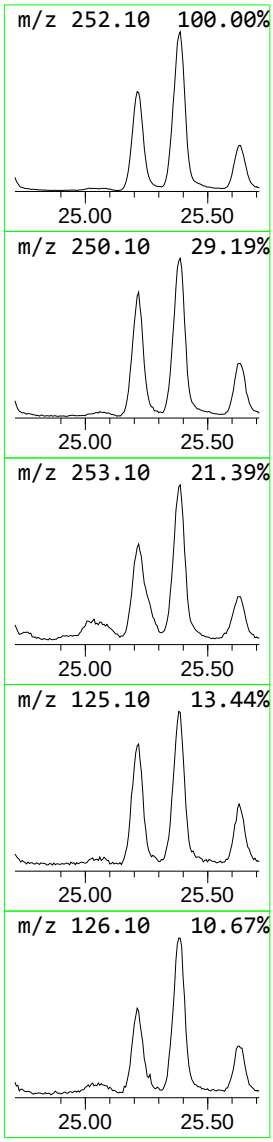
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.212	12.25 ng	3980960	Perylene-d12	25.546

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032024\
Data File : BG060694.D
Acq On : 20 Mar 2024 16:37
Operator : MA/JU
Sample : P1804-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JC-03-03192024-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.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
Hexadecane	13.672	8.7	ng	478354	3	14.924	1104260	20.0
Naphthalene, 1,...	14.095	8.3	ng	456169	3	14.924	1104260	20.0
Pentadecane	14.736	9.8	ng	541221	3	14.924	1104260	20.0
Tridecane	15.687	12.9	ng	714902	3	14.924	1104260	20.0
unknown16.081	16.081	11.4	ng	627463	3	14.924	1104260	20.0
2,4,6-Cyclohept...	16.246	7.3	ng	403938	3	14.924	1104260	20.0
Heneicosane	16.551	12.1	ng	796724	4	17.673	1320890	20.0
Tridecane, 6-pr...	17.344	7.8	ng	516494	4	17.673	1320890	20.0
Dibenzothiophene	17.491	9.8	ng	649185	4	17.673	1320890	20.0
Tridecanoic aci...	18.273	59.4	ng	3925500	4	17.673	1320890	20.0
Phenanthrene, 2...	18.537	18.5	ng	1223310	4	17.673	1320890	20.0
Phenanthrene, 1...	18.590	24.6	ng	1623780	4	17.673	1320890	20.0
Anthracene, 1-m...	18.666	9.4	ng	619995	4	17.673	1320890	20.0
4H-Cyclopenta[d...	18.743	43.5	ng	2871990	4	17.673	1320890	20.0
Phenanthrene, 4...	18.772	14.6	ng	964518	4	17.673	1320890	20.0
Naphthalene, 2-...	19.031	14.5	ng	957911	4	17.673	1320890	20.0
Methyl 9-cis,11...	19.412	286.0	ng	18890200	4	17.673	1320890	20.0
9-Octadecenoic ...	19.442	146.6	ng	9682180	4	17.673	1320890	20.0
Methyl stearate	19.559	26.7	ng	1765060	4	17.673	1320890	20.0
Benzo[e]pyrene	25.212	12.3	ng	3980960	6	25.546	6501270	20.0