LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
Data File : BG064145.D
Acq On : 1 Apr 2025 21:46
Operator : RC/JU
Sample : Q1687-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-12016

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-BG030525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064145.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.988	316	323	331	rBV	212863	332351	9.78%	1.122%
2	5.452	393	402	409	rBV	937029	1497289	44.05%	5.056%
3	6.057	497	505	513	rVB2	32620	50846	1.50%	0.172%
4	6.563	585	591	597	rVB2	42737	65104	1.92%	0.220%
5	7.027	661	670	681	rBV	983696	1673545	49.24%	5.651%
6	7.861	805	812	819	rVB	161106	272766	8.02%	0.921%
7	9.013	999	1008	1015	rBV	598974	1041345	30.64%	3.516%
8	9.571	1094	1103	1109	rBV2	21380	34325	1.01%	0.116%
9	10.646	1279	1286	1292	rBV	219299	380680	11.20%	1.285%
10	13.108	1697	1705	1712	rBV	1465339	2171258	63.88%	7.332%
11	14.483	1929	1939	1945	rBV	357928	563302	16.57%	1.902%
12	14.541	1945	1949	1957	rVB3	31355	51488	1.51%	0.174%
13	14.876	2001	2006	2015	rBV	39629	65910	1.94%	0.223%
14	15.529	2111	2117	2123	rVB3	60007	91870	2.70%	0.310%
15	15.840	2163	2170	2176	rBV2	120658	179260	5.27%	0.605%
16	15.969	2182	2192	2200	rBV	1337716	2015788	59.30%	6.807%
17	16.163	2221	2225	2228	rBV2	30534	45601	1.34%	0.154%
18	16.874	2341	2346	2353	rVB	108626	173235	5.10%	0.585%
19	17.039	2370	2374	2380	rVB	40303	64372	1.89%	0.217%
20	17.221	2399	2405	2409	rBV2	444630	697648	20.52%	2.356%
21	17.262	2409	2412	2419	rVV	651680	931197	27.40%	3.144%
22	17.356	2419	2428	2433	rVV	230768	378485	11.14%	1.278%
23	17.403	2433	2436	2444	rVB5	24942	53209	1.57%	0.180%
24	17.620	2463	2473	2478	rBV2	135134	273719	8.05%	0.924%
25	17.744	2490	2494	2498	rVB3	30329	43338	1.28%	0.146%
26	18.096	2545	2554	2555	rBV	63169	96099	2.83%	0.324%
27	18.131	2555	2560	2568	rVB2	412522	676855	19.91%	2.286%
28	18.225	2573	2576	2580	rVV2	30718	49762	1.46%	0.168%
29	18.290	2581	2587	2591	rVV2	110660	218684	6.43%	0.738%
30	18.325	2591	2593	2600	rVB2	47652	64211	1.89%	0.217%
31	18.596	2635	2639	2642	rBV	52493	70194	2.07%	0.237%
32	18.631	2642	2645	2651	rVB2	97457	138154	4.06%	0.467%
33	18.725	2657	2661	2669	rBV9	16856	38584	1.14%	0.130%
34	18.848	2678	2682	2686	rVB6	38319	48888	1.44%	0.165%
35	18.930	2693	2696	2699	rVB2	29333	38674	1.14%	0.131%
36	19.013	2705	2710	2715	rVB2	59207	90520	2.66%	0.306%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
Data File : BG064145.D
Acq On : 1 Apr 2025 21:46
Operator : RC/JU
Sample : Q1687-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-12016

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-BG030525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.071	2715	2720	2724	rBV6	33144	64749	1.90%	0.219%
38	19.148	2729	2733	2740	rVB	116109	185708	5.46%	0.627%
39	19.277	2749	2755	2761	rBV	941198	1347960	39.66%	4.552%
40	19.400	2773	2776	2783	rVB3	101786	138010	4.06%	0.466%
41	19.512	2792	2795	2799	rVB	37851	52078	1.53%	0.176%
42	19.635	2806	2816	2824	rBV	1311914	2134026	62.78%	7.206%
43	19.706	2826	2828	2834	rVB3	54047	80164	2.36%	0.271%
44	19.841	2842	2851	2865	rVB	2376578	3399030	100.00%	11.477%
45	19.953	2865	2870	2871	rBV3	60957	73944	2.18%	0.250%
46	20.094	2890	2894	2896	rBV4	73348	106377	3.13%	0.359%
47	20.129	2896	2900	2904	rVB2	138628	215514	6.34%	0.728%
48	20.229	2913	2917	2921	rBV3	103486	135437	3.98%	0.457%
49	20.288	2921	2927	2933	rBV3	95400	179888	5.29%	0.607%
50	20.423	2946	2950	2954	rBV	62223	88843	2.61%	0.300%
51	20.470	2954	2958	2962	rVB2	52478	83453	2.46%	0.282%
52	20.605	2976	2981	2985	rBV6	62114	110446	3.25%	0.373%
53	20.875	3023	3027	3033	rVB	96726	156033	4.59%	0.527%
54	20.969	3040	3043	3048	rVB5	52610	76146	2.24%	0.257%
55	21.051	3050	3057	3061	rVV3	105123	227651	6.70%	0.769%
56	21.098	3061	3065	3067	rVV	143949	215915	6.35%	0.729%
57	21.134	3067	3071	3077	rVV3	312476	527367	15.52%	1.781%
58	21.192	3077	3081	3092	rVB2	103159	212861	6.26%	0.719%
59	21.445	3117	3124	3129	rBV3	570739	1426978	41.98%	4.818%
60	21.498	3129	3133	3143	rVB	478901	807225	23.75%	2.726%
61	21.645	3154	3158	3159	rBV3	33856	43491	1.28%	0.147%
62	22.215	3250	3255	3258	rBV3	53452	101640	2.99%	0.343%
63	22.397	3283	3286	3290	rBV5	34277	51749	1.52%	0.175%
64	23.519	3468	3477	3483	rBV	203256	620886	18.27%	2.097%
65	23.648	3494	3499	3503	rBV2	45642	78955	2.32%	0.267%
66	24.189	3585	3591	3605	rVB3	119805	328129	9.65%	1.108%
67	24.312	3606	3612	3621	rBV2	107818	280134	8.24%	0.946%
68	24.465	3629	3638	3645	rBV	308462	791898	23.30%	2.674%
69	25.581	3823	3828	3835	rVB5	59562	140249	4.13%	0.474%
70	25.687	3838	3846	3855	rBV3	109313	313629	9.23%	1.059%
71	27.844	4204	4213	4221	rBV5	39015	139622	4.11%	0.471%

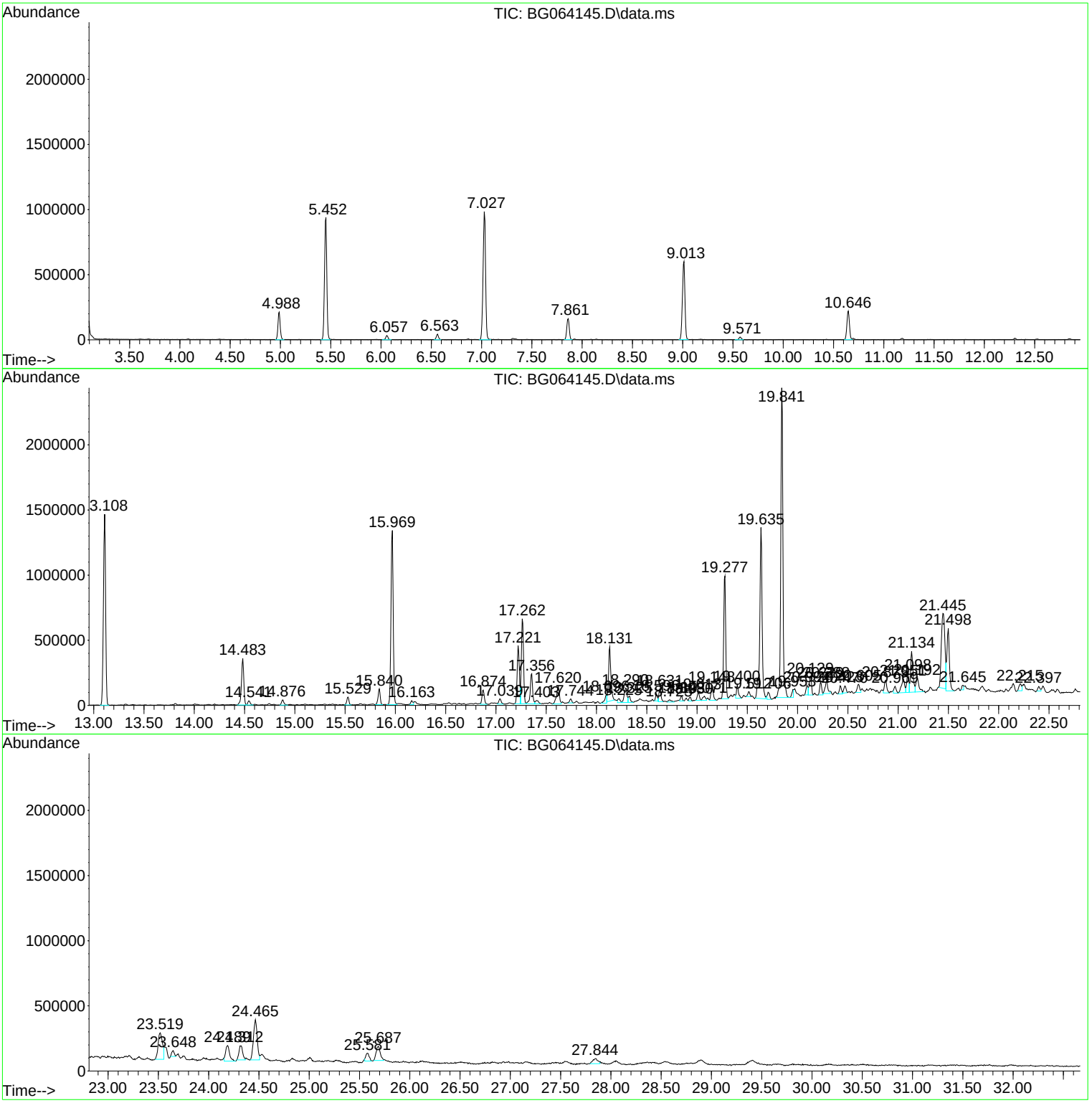
Sum of corrected areas: 29614741

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
Data File : BG064145.D
Acq On : 1 Apr 2025 21:46
Operator : RC/JU
Sample : Q1687-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-12016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.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\BG040125\
Data File : BG064145.D
Acq On : 1 Apr 2025 21:46
Operator : RC/JU
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Instrument :
BNA_G
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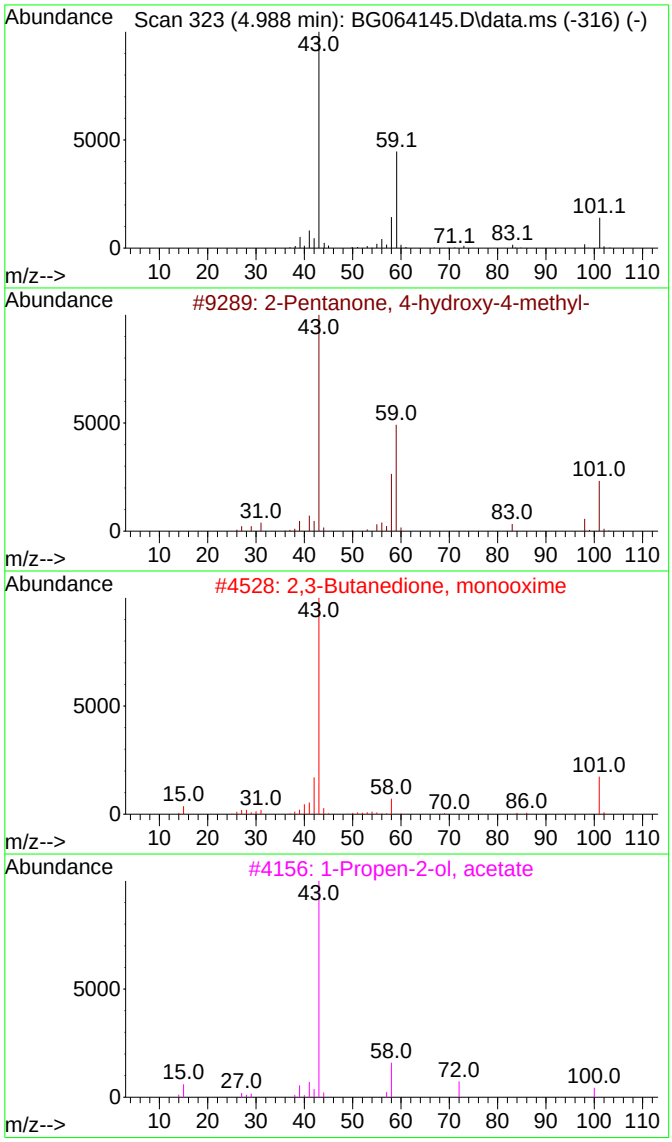
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

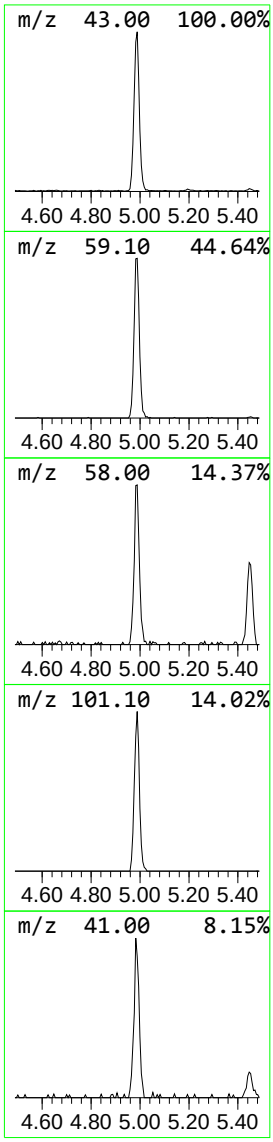
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.988	24.37 ng	332351	1,4-Dichlorobenzene-d4	7.861

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	5-Aminovaleric acid	117	C5H11NO2	000660-88-8	9
5	Allyl acetate	100	C5H8O2	000591-87-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
Data File : BG064145.D
Acq On : 1 Apr 2025 21:46
Operator : RC/JU
Sample : Q1687-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-12016

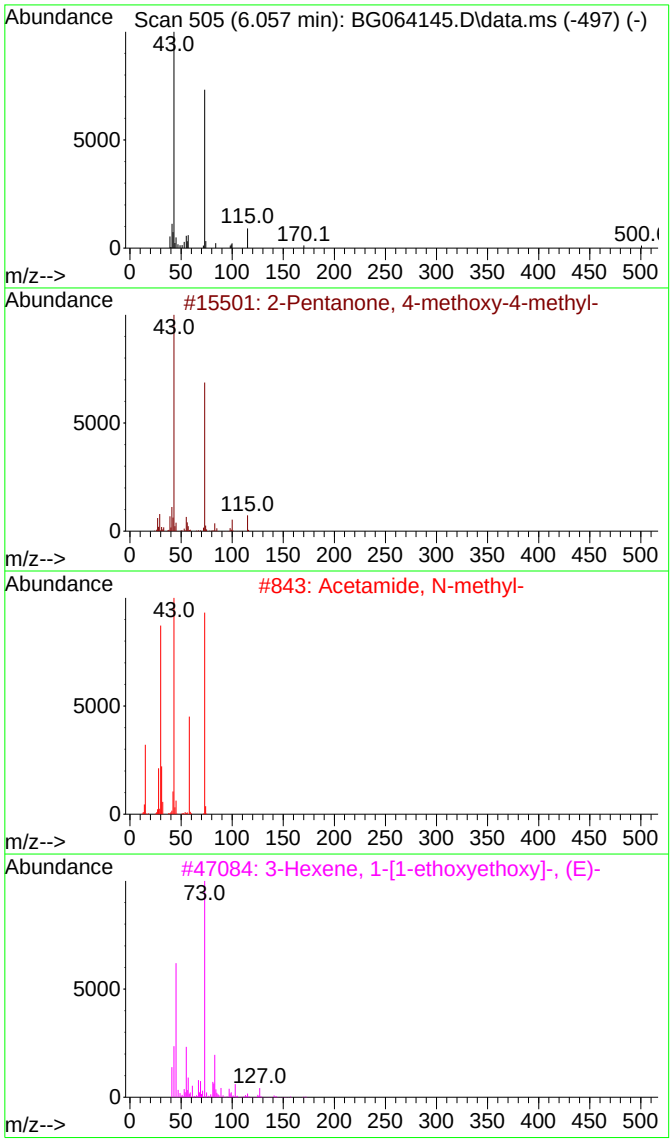
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

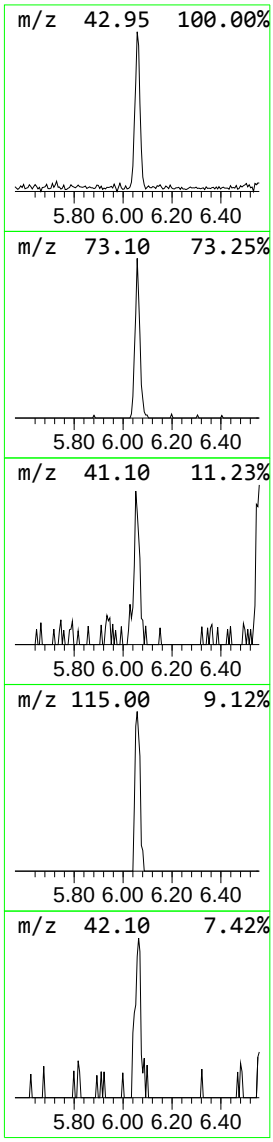
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-methoxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.057	3.73 ng	50846	1,4-Dichlorobenzene-d4	7.861

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	59
2	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	49
3	3-Hexene, 1-[1-ethoxyethoxy]-, (E)-	172	C10H20O2	1000132-06-7	12
4	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
Data File : BG064145.D
Acq On : 1 Apr 2025 21:46
Operator : RC/JU
Sample : Q1687-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-12016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

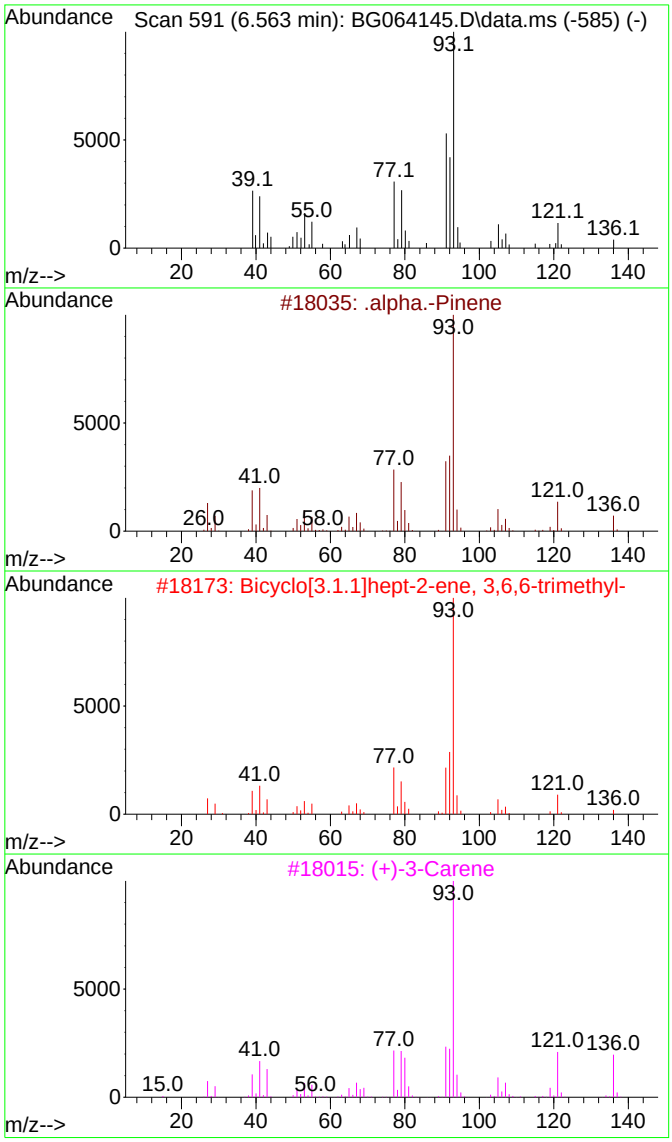
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

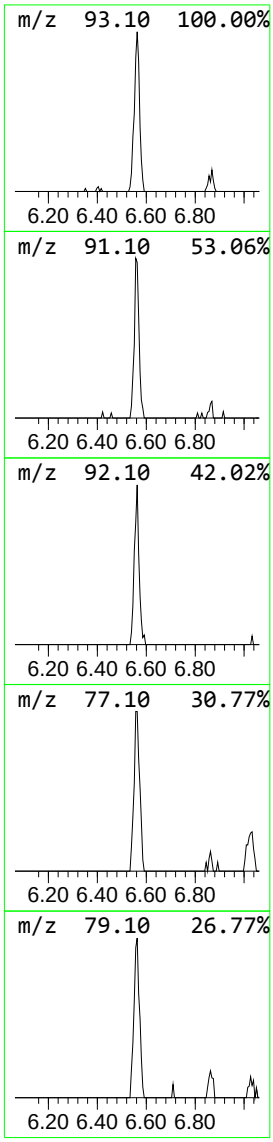
****

Peak Number 3 .alpha.-Pinene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.563	4.77 ng	65104	1,4-Dichlorobenzene-d4	7.861

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	91
2	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
3	(+)-3-Carene	136	C10H16	000498-15-7	90
4	trans-.beta.-Ocimene	136	C10H16	003779-61-1	90
5	4-Carene, (1S,3S,6R)-(-)-	136	C10H16	005208-50-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
Data File : BG064145.D
Acq On : 1 Apr 2025 21:46
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Sample : Q1687-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-12016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

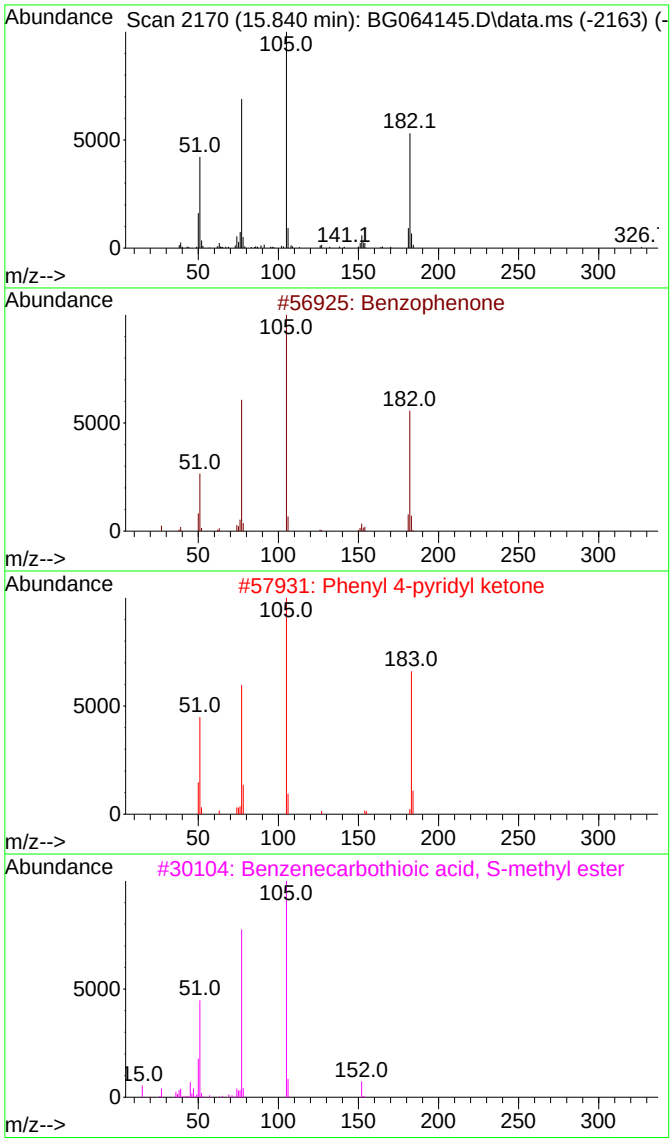
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

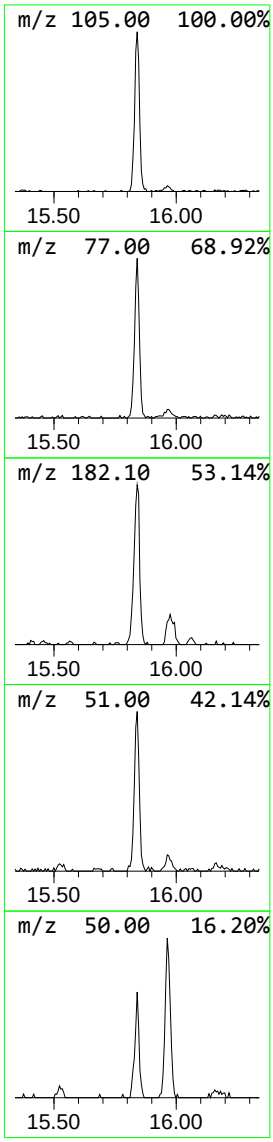
****

Peak Number 4 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.840	6.36 ng	179260	Acenaphthene-d10	14.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	62
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	52
4	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	52
5	2-Oxazolin-5-one, 4-(p-bromobenz...	327	C16H10BrNO2	020345-16-8	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
Data File : BG064145.D
Acq On : 1 Apr 2025 21:46
Operator : RC/JU
Sample : Q1687-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-12016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

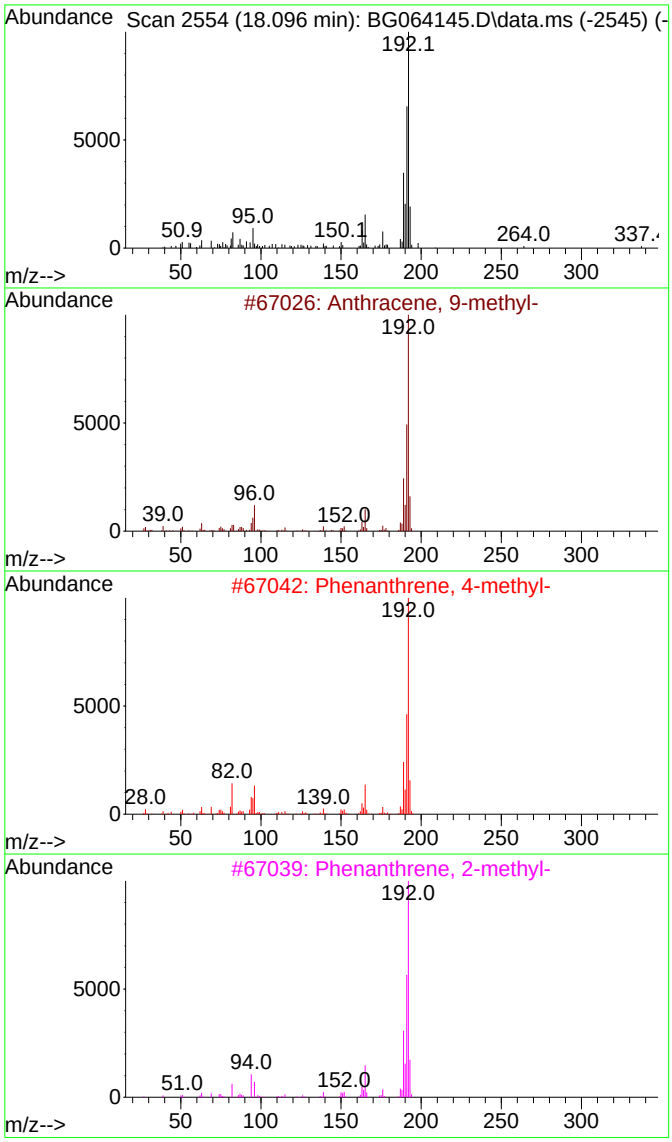
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

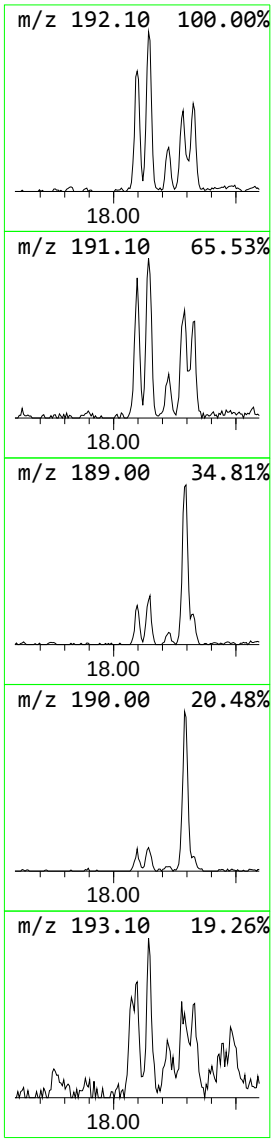
****

Peak Number 5 Anthracene, 9-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.096	2.75 ng	96099	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
Data File : BG064145.D
Acq On : 1 Apr 2025 21:46
Operator : RC/JU
Sample : Q1687-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-12016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

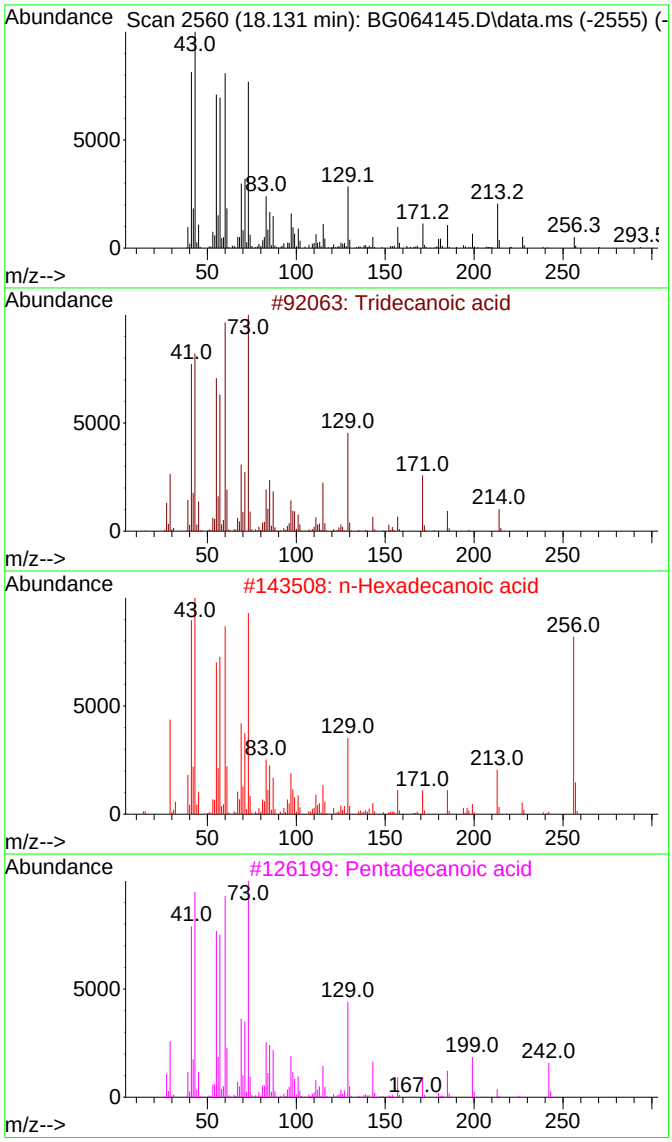
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

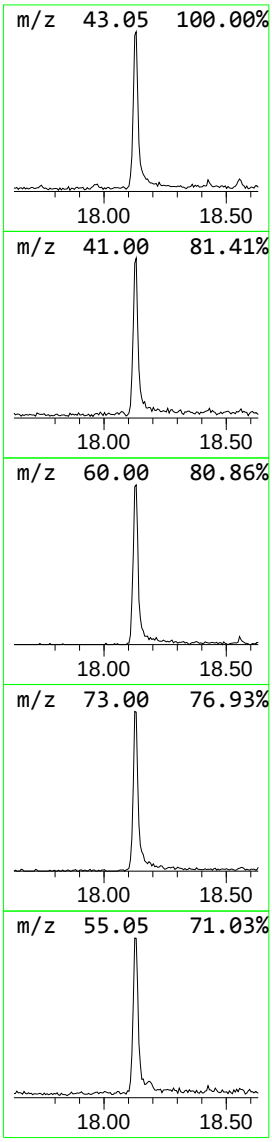
****

Peak Number 6 Tridecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.131	19.40 ng	676855	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	94
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Nonanoic acid	158	C9H18O2	000112-05-0	58
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
Data File : BG064145.D
Acq On : 1 Apr 2025 21:46
Operator : RC/JU
Sample : Q1687-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-12016

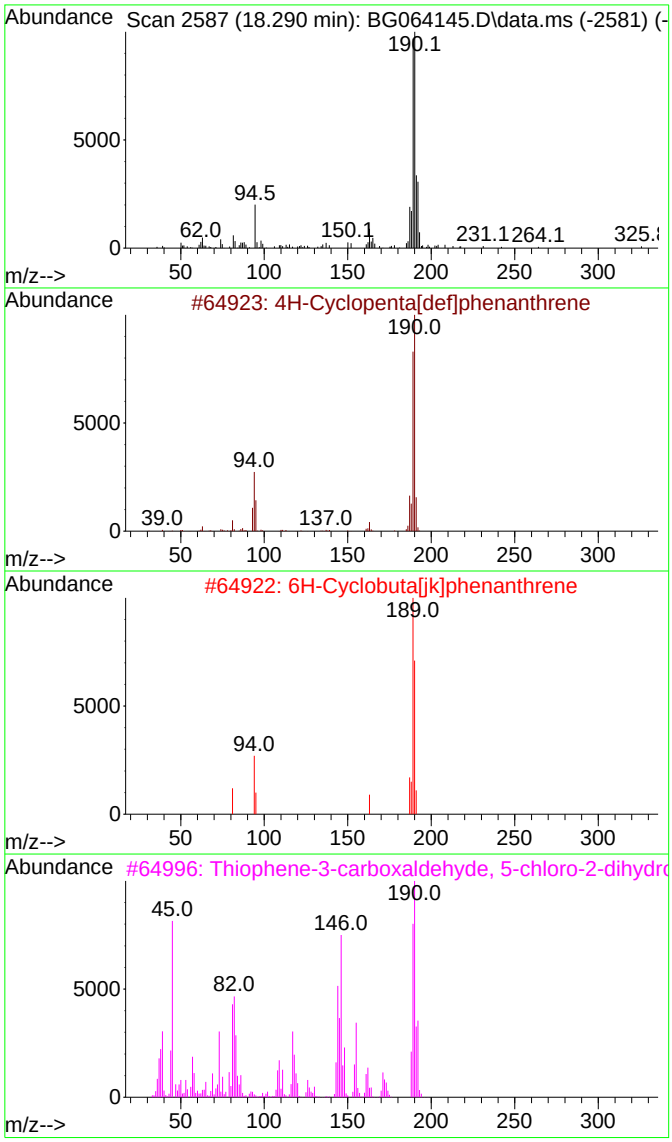
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

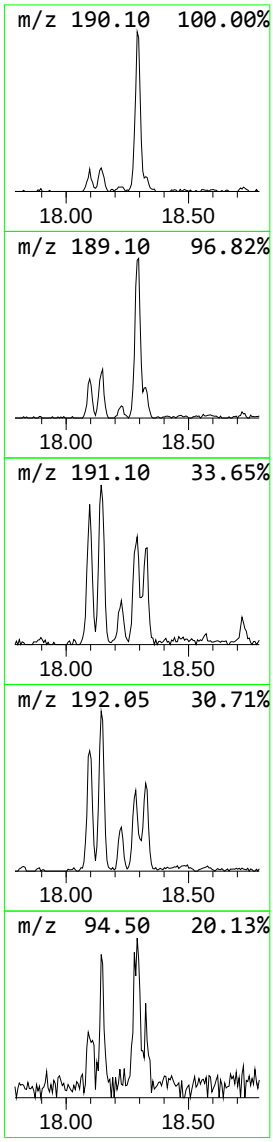
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.290	6.27 ng	218684	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	56
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	Pyrimidine, 2-chloro-5-phenyl-	190	C10H7ClN2	022536-62-5	25





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Sample : Q1687-01
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

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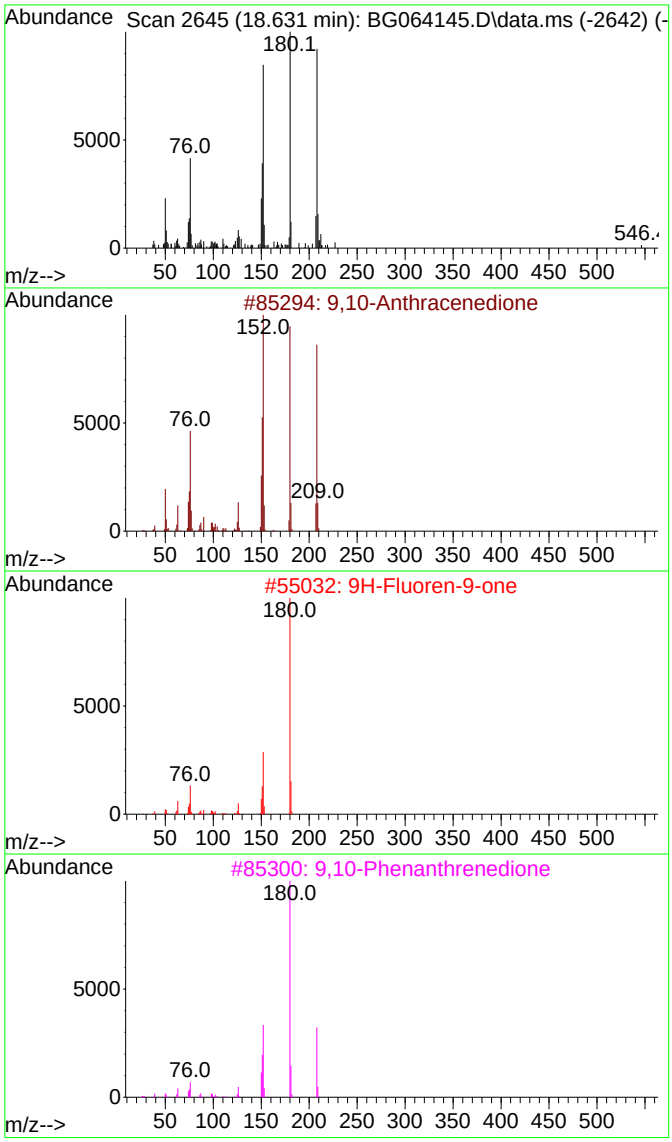
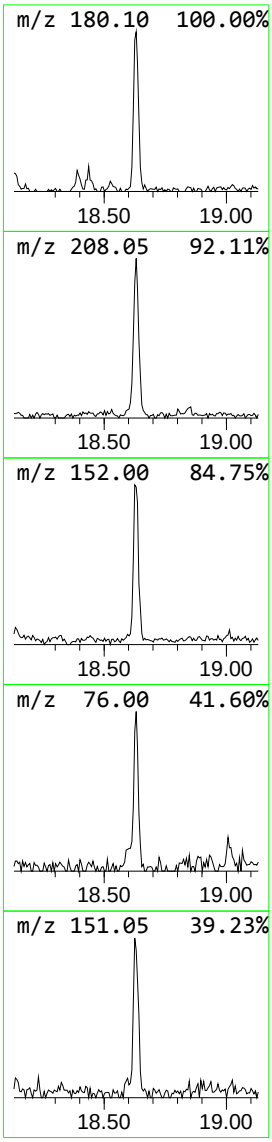
Peak Number 8 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.631	3.96 ng	138154	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	78
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	64
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	53





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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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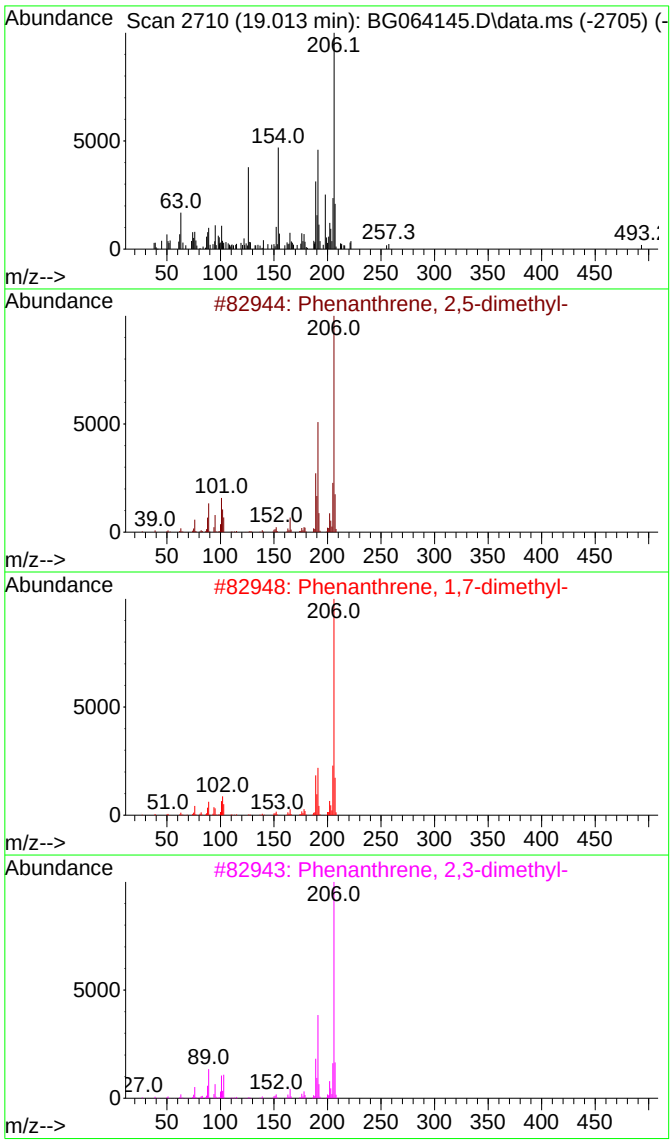
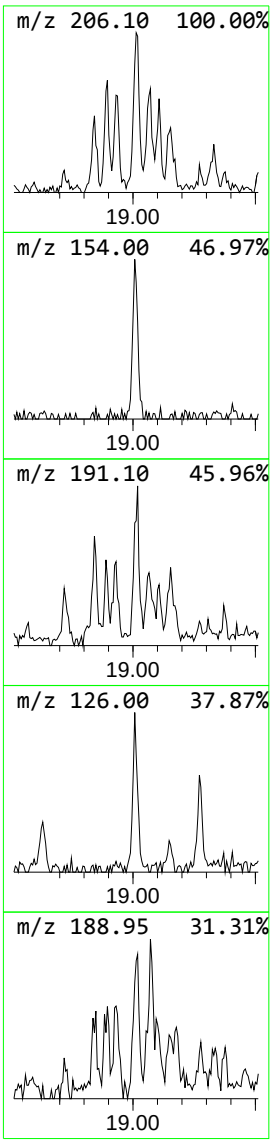
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.013	2.60 ng	90520	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	86
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83





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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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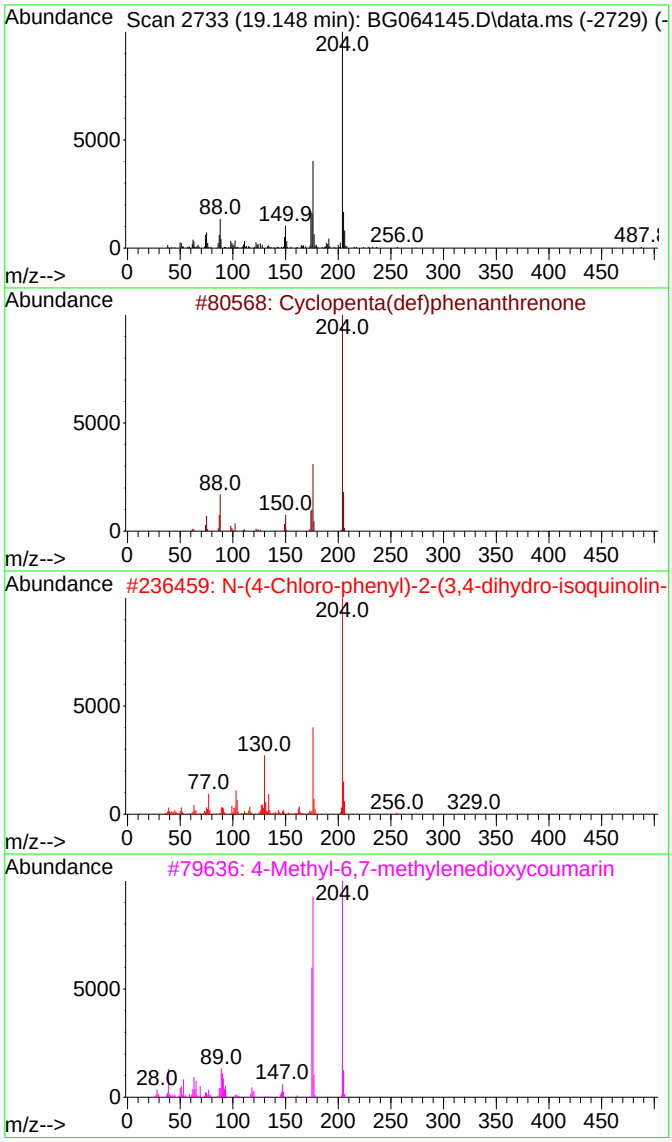
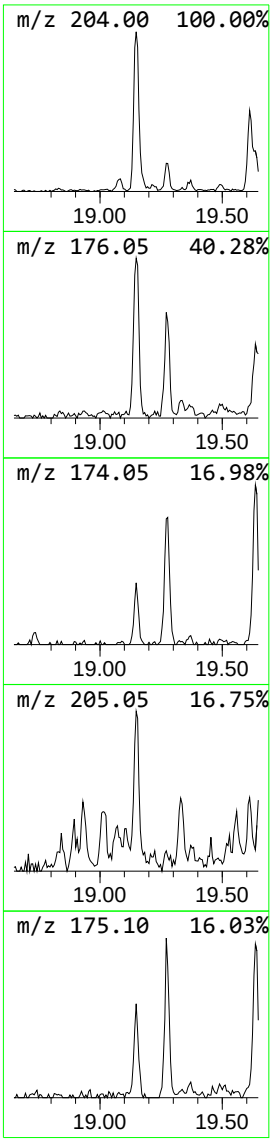
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.148	5.32 ng	185708	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	59
3	4-Methyl-6,7-methylenedioxycoumarin	204	C11H8O4	015071-04-2	52
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	50
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	45





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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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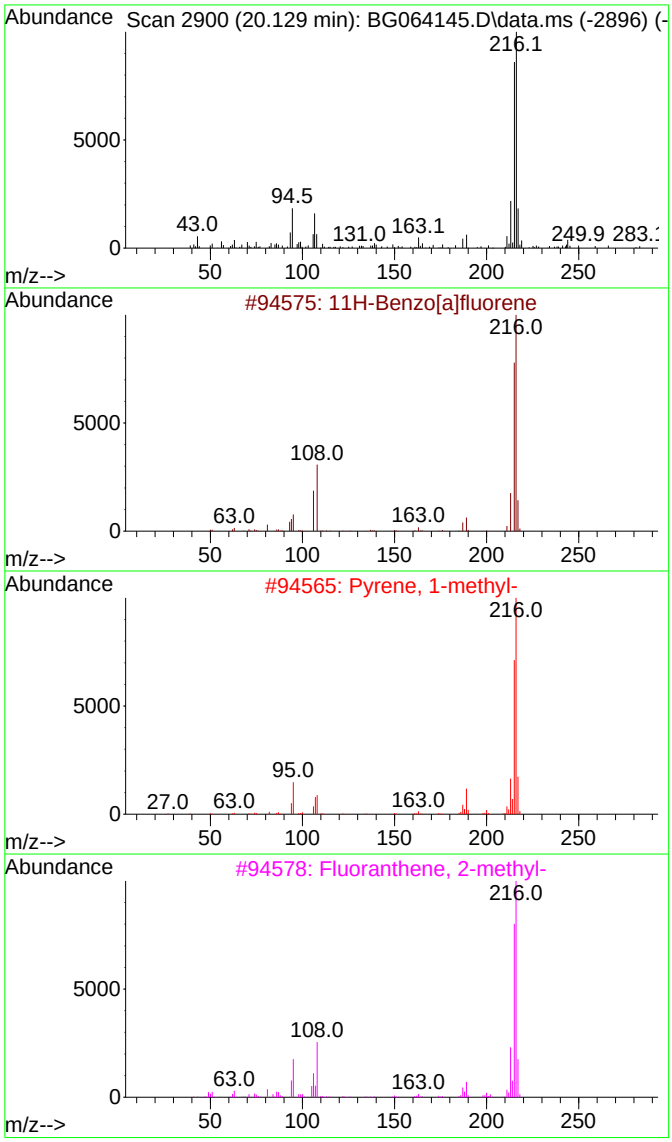
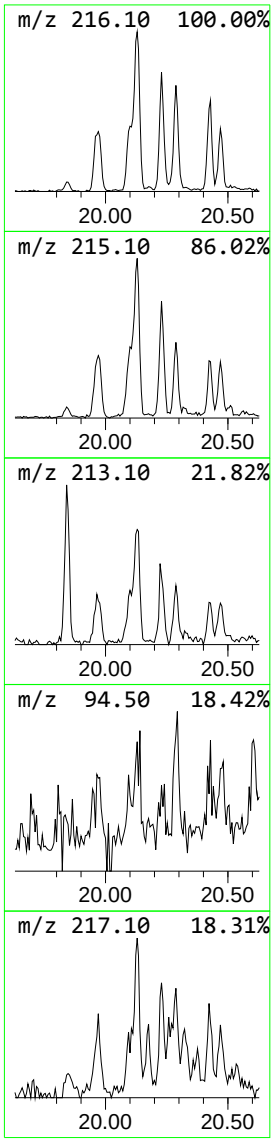
Peak Number 11 11H-Benzo[a]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.129	3.02 ng	215514	Chrysene-d12	21.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	62





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

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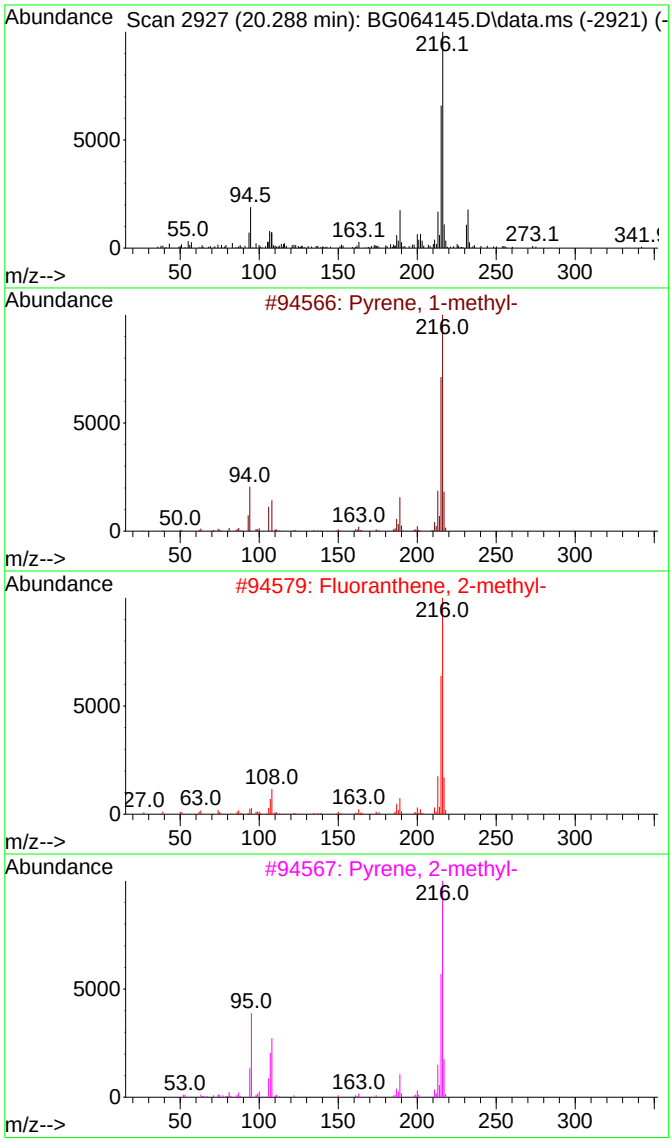
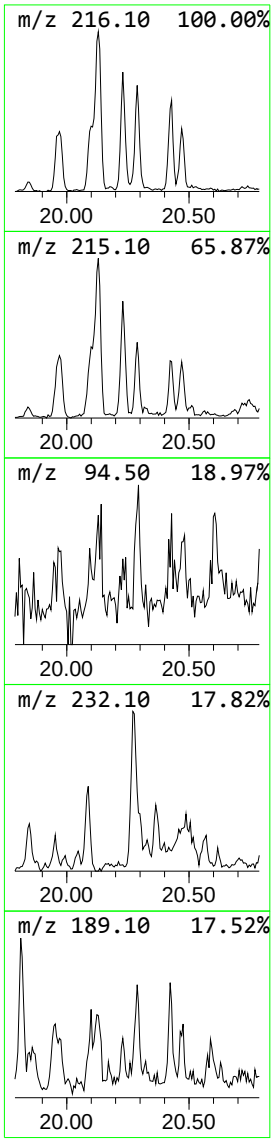
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.288	2.52 ng	179888	Chrysene-d12	21.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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

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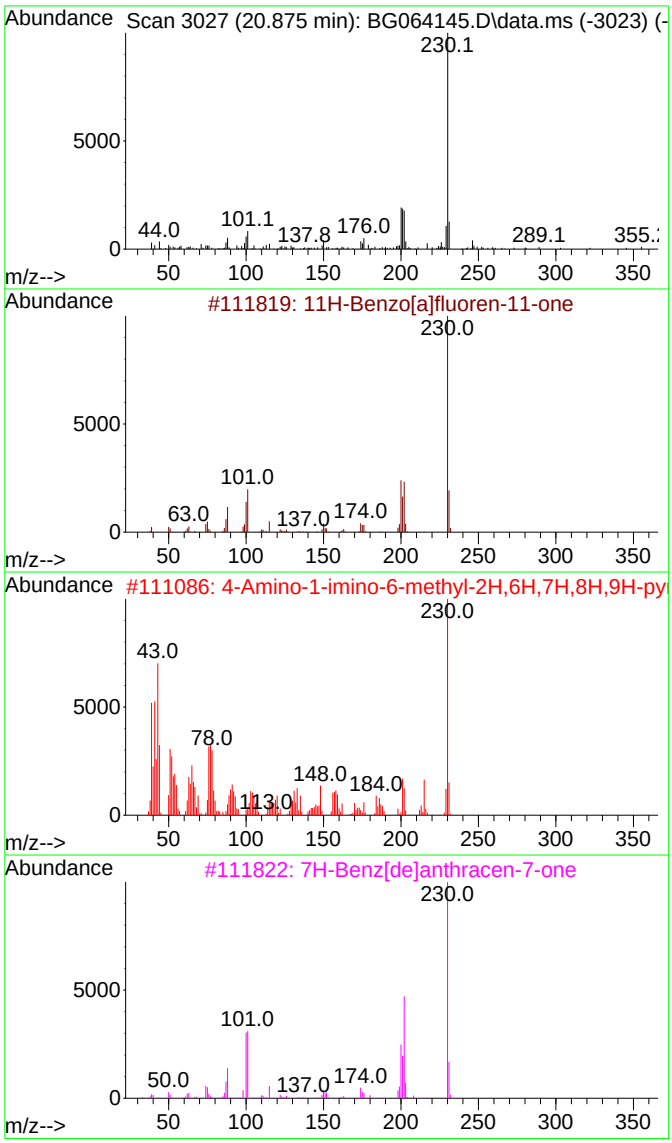
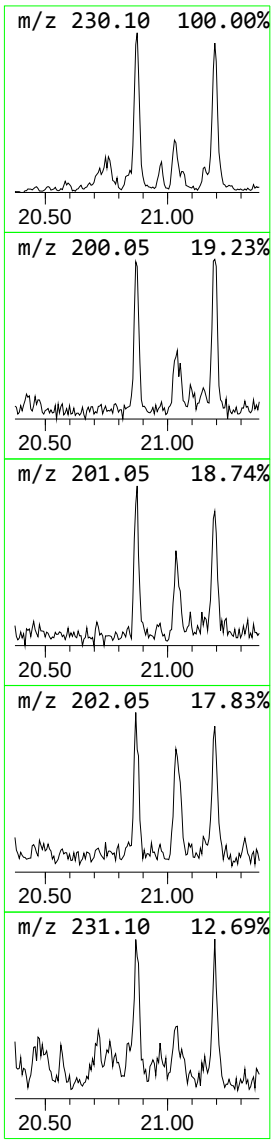
Peak Number 13 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.875	2.19 ng	156033	Chrysene-d12	21.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	76
2	4-Amino-1-imino-6-methyl-2H,6H,7...	230	C12H14N4O	1000411-06-8	59
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	59
4	p-Terphenyl	230	C18H14	000092-94-4	50
5	2-Chloro-9-xanthenone	230	C13H7ClO2	013210-15-6	50





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

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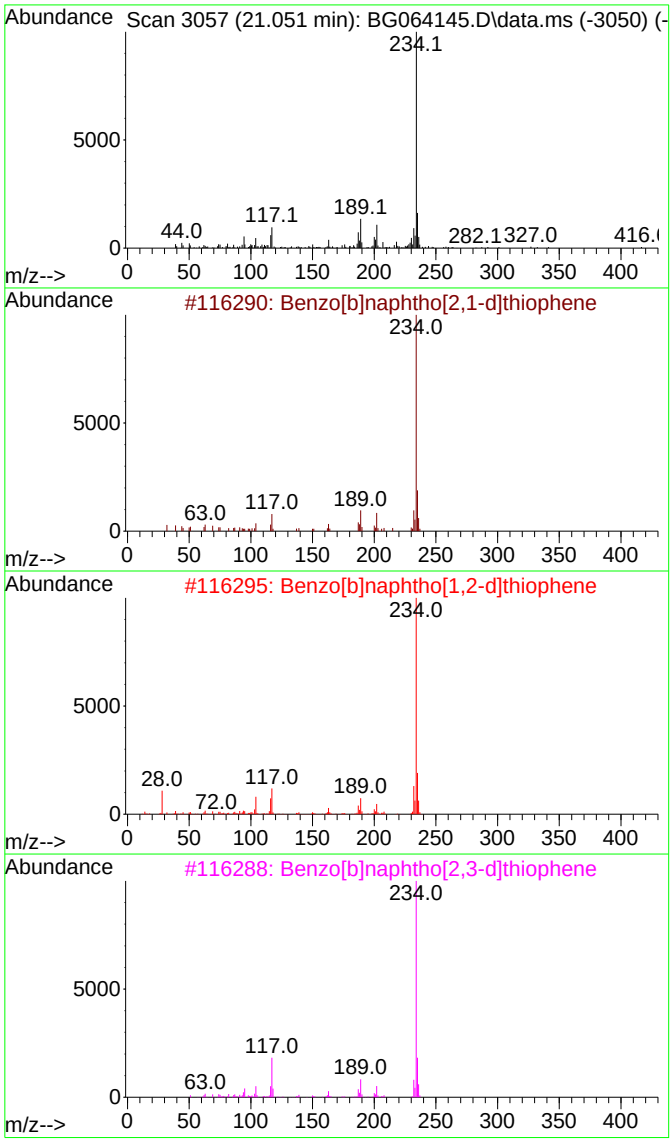
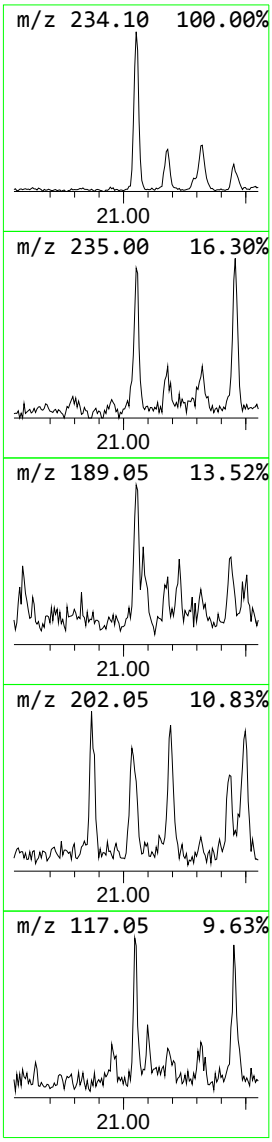
Peak Number 14 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.052	3.19 ng	227651	Chrysene-d12	21.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	93
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
4	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	90
5	Phenanthro[4,3-b]thiophene	234	C16H10S	000195-68-6	81





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

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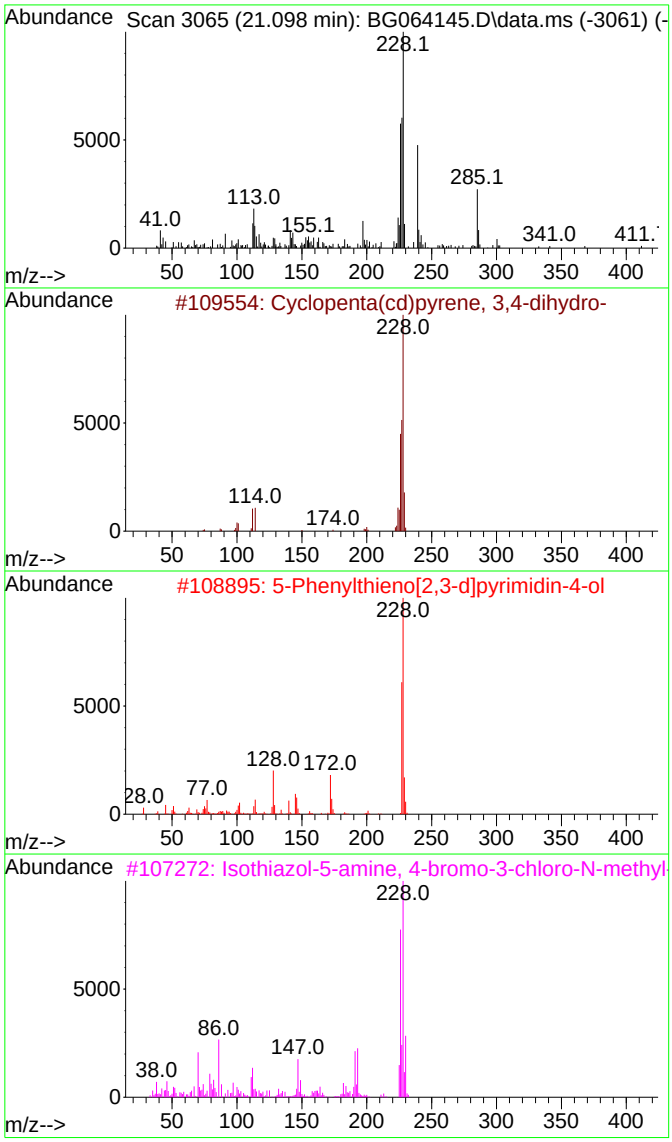
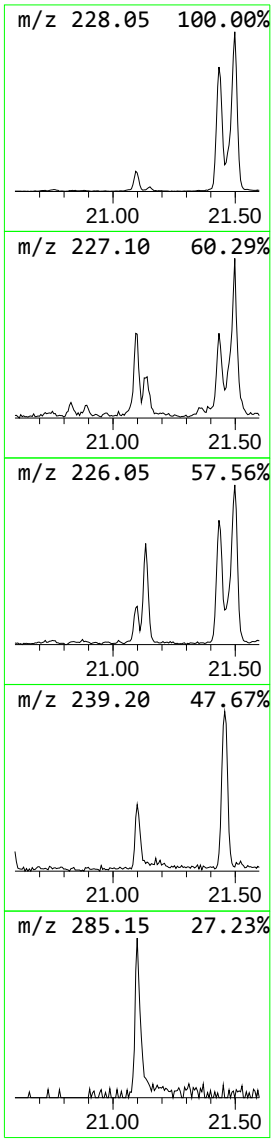
Peak Number 15 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.099	3.03 ng	215915	Chrysene-d12	21.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	50
2	5-Phenylthieno[2,3-d]pyrimidin-4-ol	228	C12H8N2OS	035978-39-3	43
3	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	43
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	43
5	Chrysene	228	C18H12	000218-01-9	30





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TIC Library : C:\Database\NIST20.L
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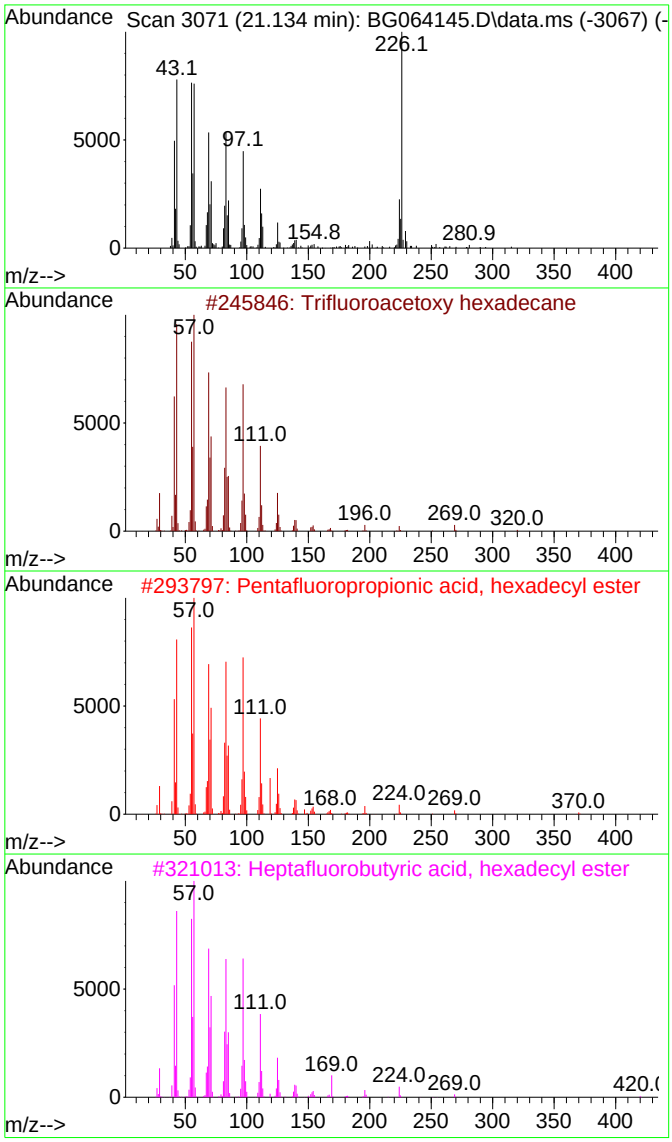
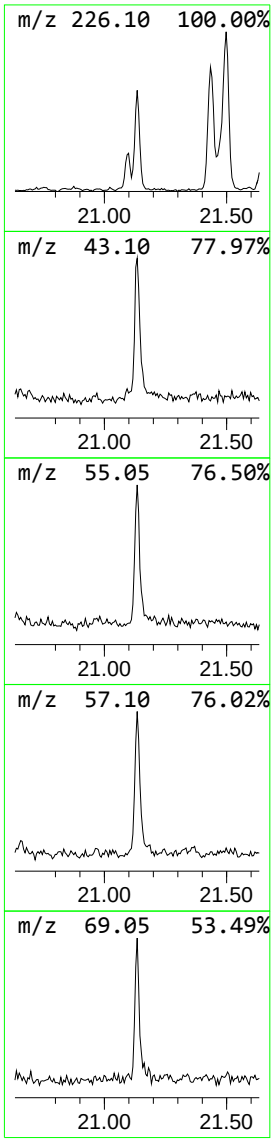
Peak Number 16 Trifluoroacetoxy hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.134	7.39 ng	527367	Chrysene-d12	21.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	64
2	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	55
3	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	55
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	50
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	50





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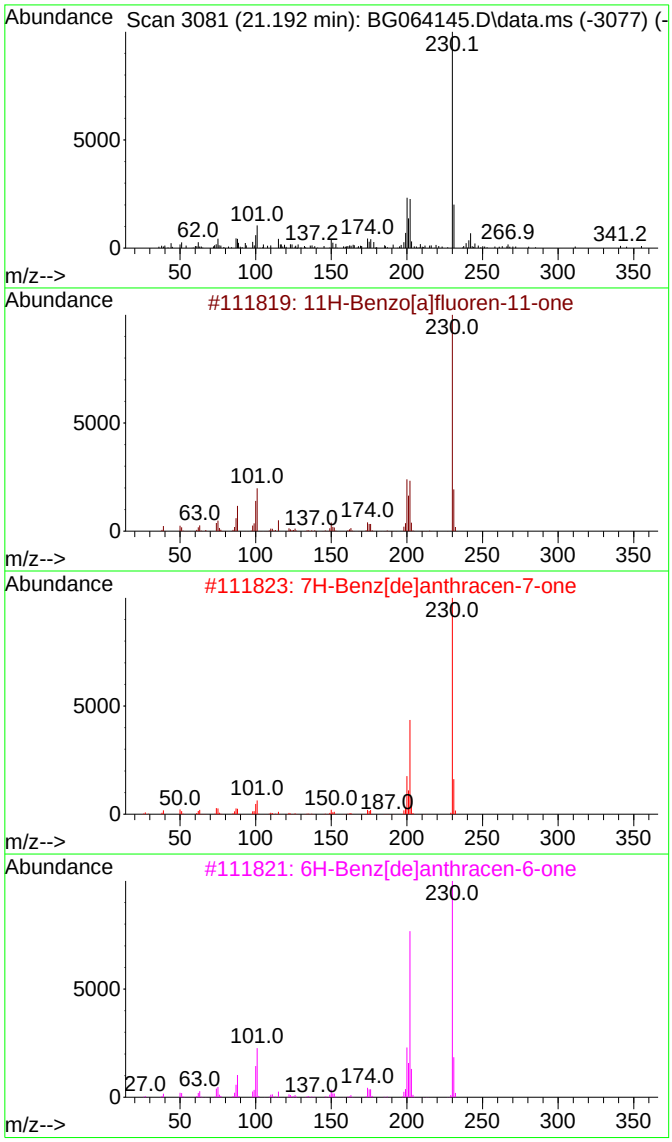
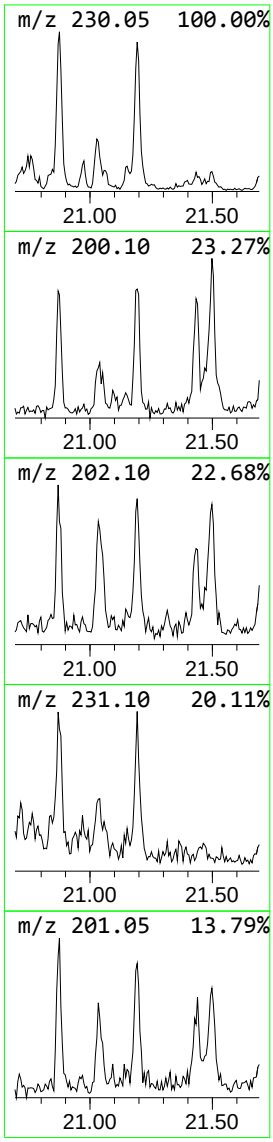
Peak Number 17 7H-Benz[de]anthracen-7-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.192	2.98 ng	212861	Chrysene-d12	21.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	68
4	.delta.(sup1),.alpha.-Acenaphthe...	230	C15H6N2O	014619-86-4	59
5	o-Terphenyl	230	C18H14	000084-15-1	53





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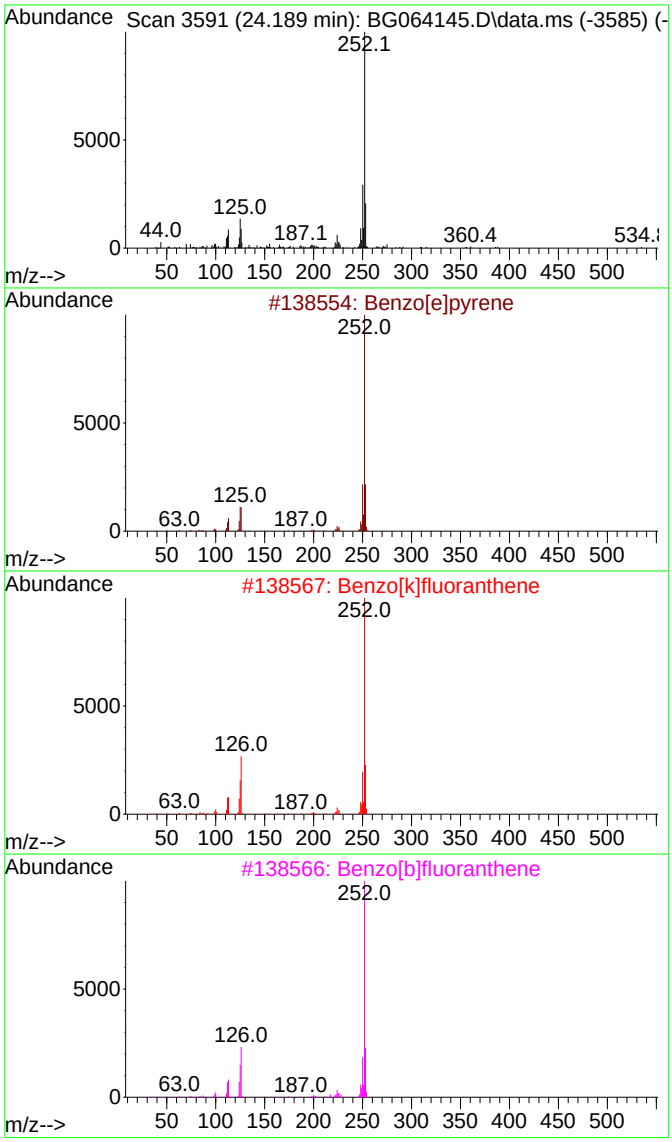
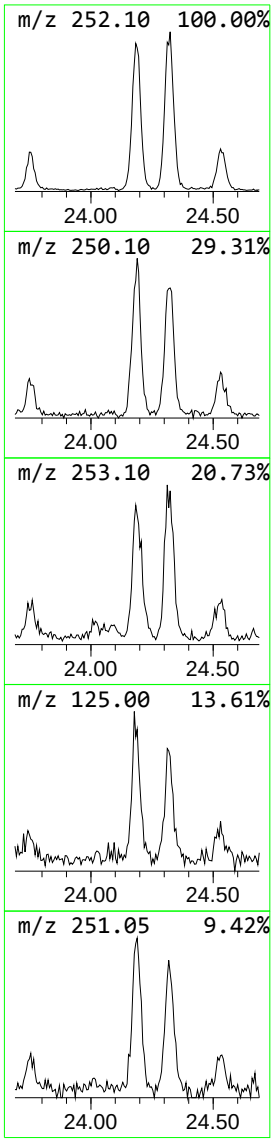
Peak Number 18 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.189	8.29 ng	328129	Perylene-d12	24.465

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	90
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	89
4	Benzo[a]pyrene	252	C20H12	000050-32-8	89
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	86





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ClientSampleId :
72-12016

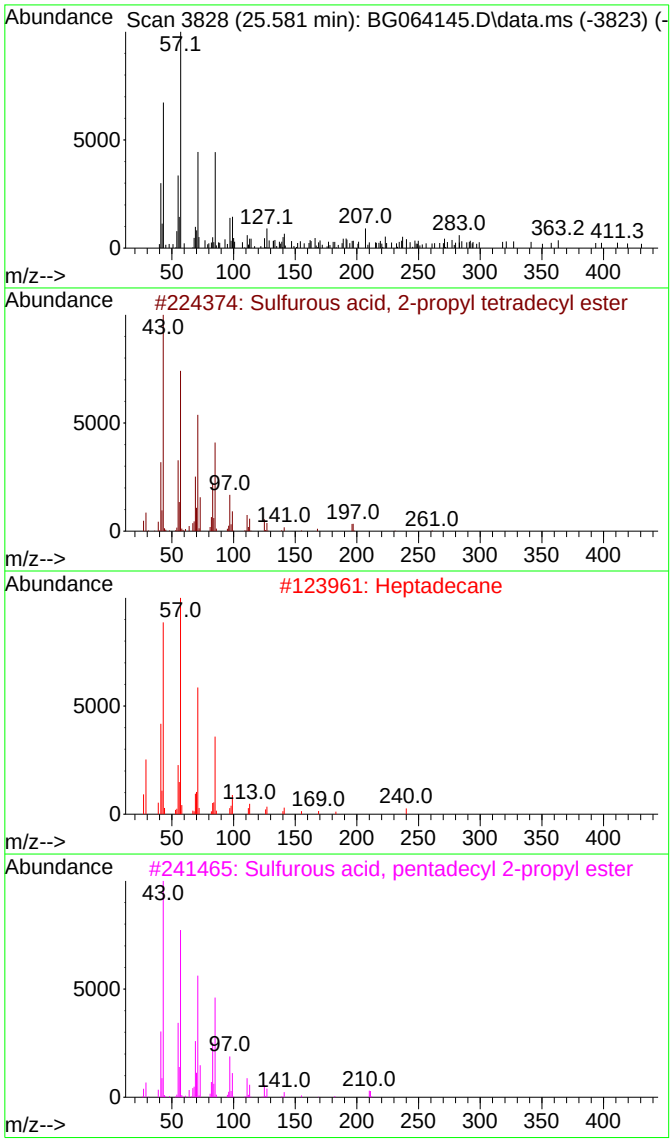
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

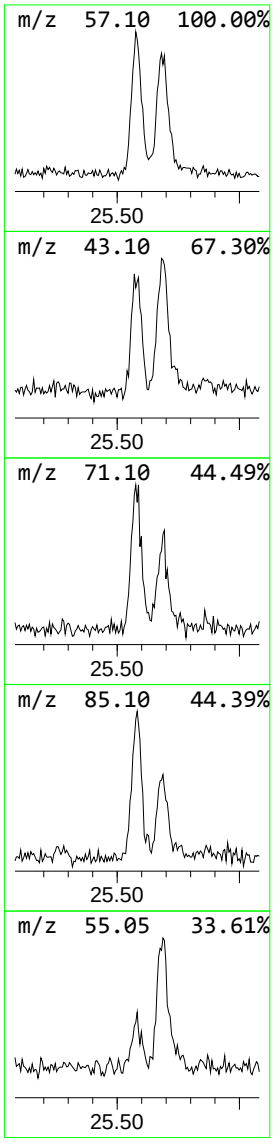
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Sulfurous acid, 2-propyl te... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.581	3.54 ng	140249	Perylene-d12	24.465

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1010309-12-5	58
2	Heptadecane	240	C17H36	000629-78-7	55
3	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	53
4	2-Methylhexacosane	380	C27H56	001561-02-0	53
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
Data File : BG064145.D
Acq On : 1 Apr 2025 21:46
Operator : RC/JU
Sample : Q1687-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-12016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

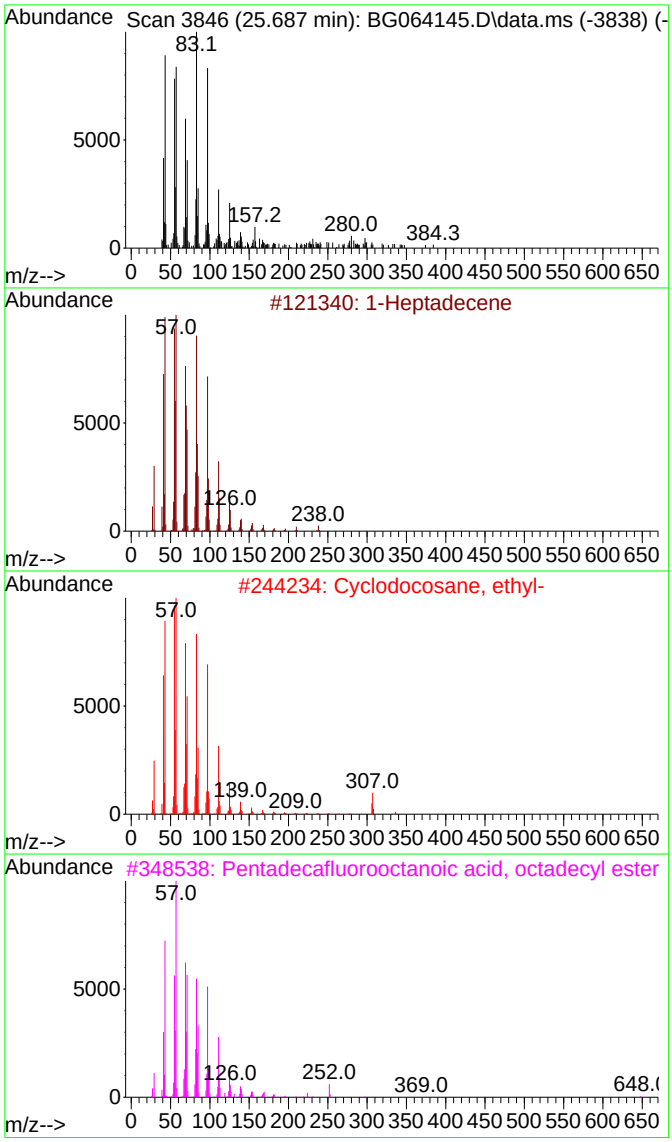
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

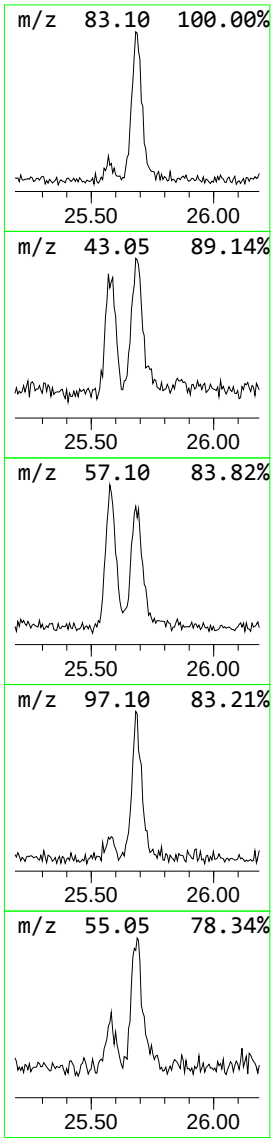
****

Peak Number 20 1-Heptadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.687	7.92 ng	313629	Perylene-d12	24.465

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecene	238	C17H34	006765-39-5	87
2	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	53
3	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	50
4	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	46
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
Data File : BG064145.D
Acq On : 1 Apr 2025 21:46
Operator : RC/JU
Sample : Q1687-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-12016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.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
2-Pentanone, 4-...	4.988	24.4	ng	332351	1	7.861	272766	20.0
2-Pentanone, 4-...	6.057	3.7	ng	50846	1	7.861	272766	20.0
.alpha.-Pinene	6.563	4.8	ng	65104	1	7.861	272766	20.0
Benzophenone	15.840	6.4	ng	179260	3	14.483	563302	20.0
Anthracene, 9-m...	18.096	2.8	ng	96099	4	17.221	697648	20.0
Tridecanoic acid	18.131	19.4	ng	676855	4	17.221	697648	20.0
4H-Cyclopenta[d...	18.290	6.3	ng	218684	4	17.221	697648	20.0
9,10-Anthracene...	18.631	4.0	ng	138154	4	17.221	697648	20.0
Phenanthrene, 2...	19.013	2.6	ng	90520	4	17.221	697648	20.0
Cyclopenta(def)...	19.148	5.3	ng	185708	4	17.221	697648	20.0
11H-Benzo[a]flu...	20.129	3.0	ng	215514	5	21.451	1426980	20.0
Pyrene, 1-methyl-	20.288	2.5	ng	179888	5	21.451	1426980	20.0
11H-Benzo[a]flu...	20.875	2.2	ng	156033	5	21.451	1426980	20.0
Benzo[b]naphtho...	21.052	3.2	ng	227651	5	21.451	1426980	20.0
Cyclopenta(cd)p...	21.099	3.0	ng	215915	5	21.451	1426980	20.0
Trifluoroacetox...	21.134	7.4	ng	527367	5	21.451	1426980	20.0
7H-Benz[de]anth...	21.192	3.0	ng	212861	5	21.451	1426980	20.0
Benzo[e]pyrene	24.189	8.3	ng	328129	6	24.465	791898	20.0
Sulfurous acid,...	25.581	3.5	ng	140249	6	24.465	791898	20.0
1-Heptadecene	25.687	7.9	ng	313629	6	24.465	791898	20.0