LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060069.D
Acq On : 18 Dec 2023 16:52
Operator : MA/JU
Sample : 05827-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT-SB-10-11-12

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-BG121323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060069.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.141	4	9	17	rVB3	90697	173244	1.37%	0.160%
2	4.463	228	234	244	rVB	121169	206304	1.63%	0.191%
3	5.068	330	337	351	rVB	1097291	1694670	13.38%	1.570%
4	5.527	407	415	422	rBV	82664	142000	1.12%	0.132%
5	7.113	678	685	693	rVB	695309	1190610	9.40%	1.103%
6	7.401	729	734	740	rBV	109400	160651	1.27%	0.149%
7	7.953	821	828	837	rBV	300503	522913	4.13%	0.484%
8	9.117	1019	1026	1033	rBV	543336	933899	7.37%	0.865%
9	10.762	1294	1306	1312	rBV2	402502	828871	6.54%	0.768%
10	12.178	1541	1547	1554	rBV	193876	293171	2.31%	0.272%
11	13.218	1716	1724	1731	rBV	1802046	2741495	21.64%	2.539%
12	13.417	1752	1758	1767	rBV	354255	562167	4.44%	0.521%
13	14.075	1859	1870	1874	rBV	159204	280748	2.22%	0.260%
14	14.487	1936	1940	1946	rVB	607501	783873	6.19%	0.726%
15	14.592	1949	1958	1965	rVB	666775	1093982	8.64%	1.013%
16	14.986	2022	2025	2031	rVB	96343	129738	1.02%	0.120%
17	15.109	2042	2046	2051	rVB3	135772	241686	1.91%	0.224%
18	15.174	2051	2057	2060	rBV6	73522	133894	1.06%	0.124%
19	15.439	2097	2102	2107	rVB	951049	1255485	9.91%	1.163%
20	15.850	2164	2172	2176	rBV	408206	750247	5.92%	0.695%
21	15.944	2184	2188	2192	rVB3	109867	152796	1.21%	0.142%
22	15.997	2194	2197	2203	rBV4	144975	247459	1.95%	0.229%
23	16.061	2204	2208	2213	rVV	213290	281751	2.22%	0.261%
24	16.149	2217	2223	2227	rBV9	54411	147093	1.16%	0.136%
25	16.308	2245	2250	2253	rBV	1916955	2777953	21.93%	2.573%
26	16.649	2304	2308	2311	rBV2	244766	399830	3.16%	0.370%
27	16.708	2315	2318	2324	rVB	234343	312491	2.47%	0.289%
28	16.766	2324	2328	2331	rBV2	182302	238572	1.88%	0.221%
29	16.813	2332	2336	2339	rBV	244907	303824	2.40%	0.281%
30	16.884	2343	2348	2350	rBV	228806	328587	2.59%	0.304%
31	16.913	2350	2353	2357	rVB	199811	224277	1.77%	0.208%
32	17.101	2380	2385	2389	rBV	3039528	3785180	29.88%	3.506%
33	17.154	2390	2394	2403	rVB	874310	1490581	11.77%	1.381%
34	17.242	2406	2409	2414	rBV6	167159	328527	2.59%	0.304%
35	17.342	2421	2426	2431	rBV	1094880	1799015	14.20%	1.666%
36	17.530	2456	2458	2461	rVB3	231986	218936	1.73%	0.203%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060069.D
Acq On : 18 Dec 2023 16:52
Operator : MA/JU
Sample : 05827-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RT-SB-10-11-12

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-BG121323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.577	2462	2466	2473	rBV	471995	640465	5.06%	0.593%
38	17.642	2473	2477	2484	rBV3	521926	894405	7.06%	0.828%
39	17.706	2484	2488	2493	rBV2	406534	696023	5.49%	0.645%
40	17.765	2494	2498	2502	rVV	526705	820234	6.47%	0.760%
41	17.847	2507	2512	2518	rVV	4829115	5927887	46.79%	5.490%
42	18.129	2556	2560	2564	rBV2	683788	1219079	9.62%	1.129%
43	18.353	2595	2598	2601	rBV	429423	484515	3.82%	0.449%
44	18.447	2611	2614	2619	rVB2	836091	1140645	9.00%	1.056%
45	18.547	2626	2631	2635	rBV	5745880	7068838	55.80%	6.547%
46	18.793	2669	2673	2677	rBV3	873413	1528427	12.07%	1.416%
47	18.946	2696	2699	2702	rBV	930395	1027288	8.11%	0.951%
48	19.005	2706	2709	2714	rVB2	1297856	1630339	12.87%	1.510%
49	19.117	2726	2728	2730	rBV	566413	634979	5.01%	0.588%
50	19.175	2734	2738	2745	rVB	5315658	6469760	51.07%	5.992%
51	19.240	2746	2749	2754	rVV3	705738	984349	7.77%	0.912%
52	19.340	2763	2766	2768	rBV3	643866	800799	6.32%	0.742%
53	19.399	2772	2776	2780	rBV2	1506583	2546222	20.10%	2.358%
54	19.469	2785	2788	2791	rVB2	907311	942546	7.44%	0.873%
55	19.510	2792	2795	2798	rBV3	928821	1189002	9.39%	1.101%
56	19.545	2798	2801	2806	rBV	1234553	1721327	13.59%	1.594%
57	19.757	2833	2837	2840	rVB	4164417	4325578	34.15%	4.006%
58	19.974	2863	2874	2880	rBV2	5118719	12668236	100.00%	11.733%
59	20.151	2901	2904	2909	rVB	1353716	1500718	11.85%	1.390%
60	20.292	2924	2928	2932	rVB	5384503	5850775	46.18%	5.419%
61	20.468	2955	2958	2964	rBV4	2450145	4548191	35.90%	4.212%
62	20.785	3009	3012	3015	rBV	3175104	4045352	31.93%	3.747%
63	21.478	3125	3130	3138	rBV2	4083894	9506969	75.05%	8.805%

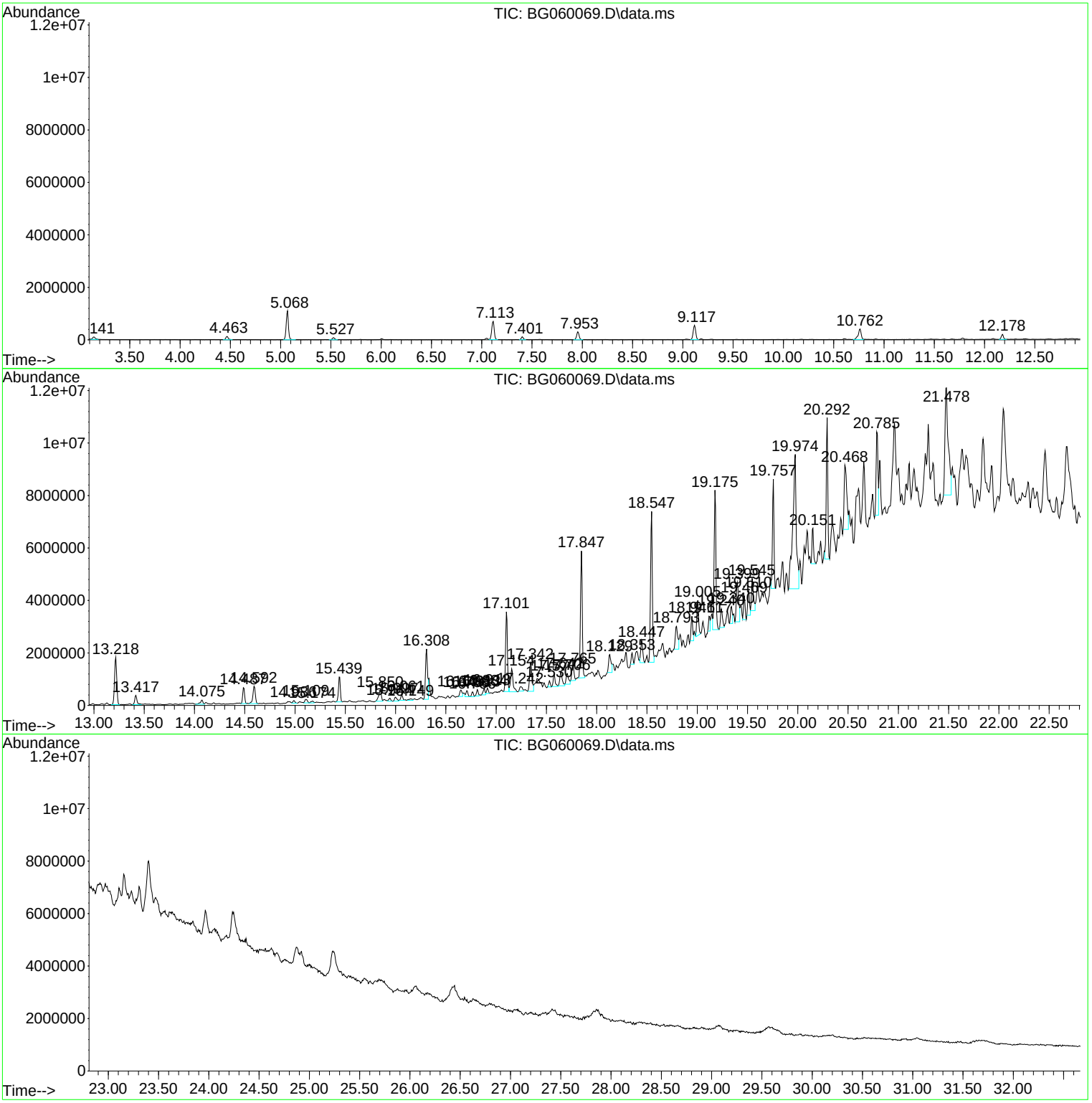
Sum of corrected areas: 107969468

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060069.D
Acq On : 18 Dec 2023 16:52
Operator : MA/JU
Sample : 05827-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT-SB-10-11-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.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\BG121823\
Data File : BG060069.D
Acq On : 18 Dec 2023 16:52
Operator : MA/JU
Sample : 05827-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT-SB-10-11-12

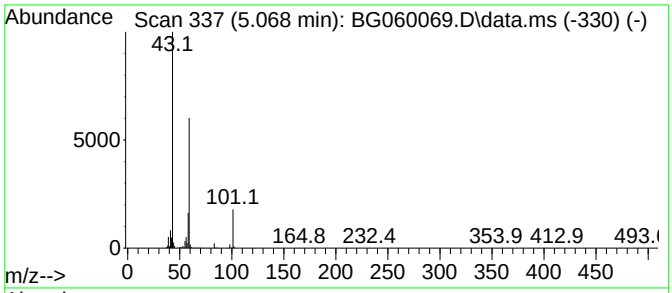
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

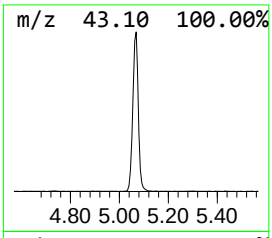
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

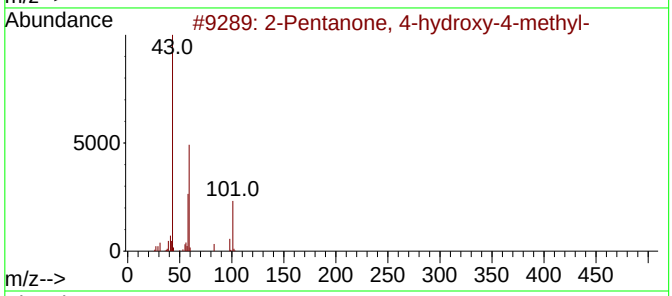
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

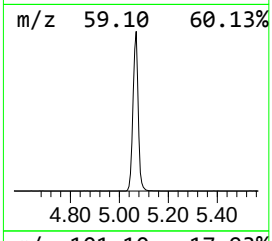
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.068	64.82 ng	1694670	1,4-Dichlorobenzene-d4	7.959

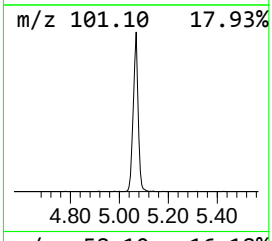
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
5	Allyl acetate	100	C5H8O2	000591-87-7	9

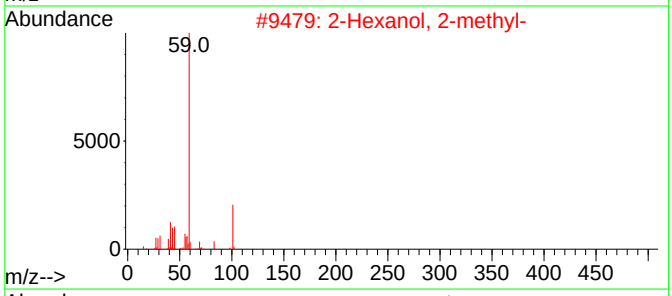


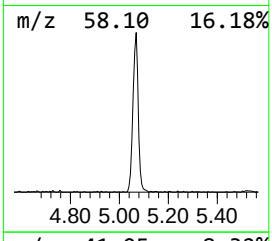


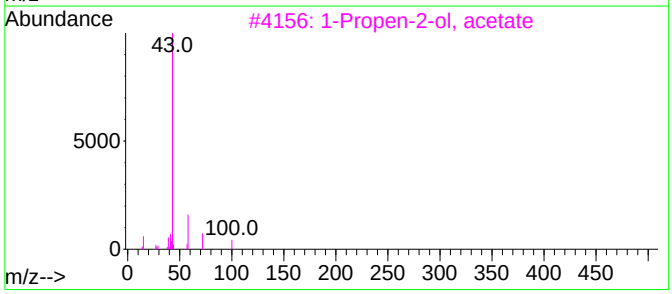


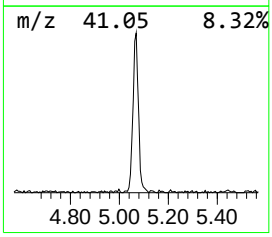












Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060069.D
Acq On : 18 Dec 2023 16:52
Operator : MA/JU
Sample : 05827-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT-SB-10-11-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

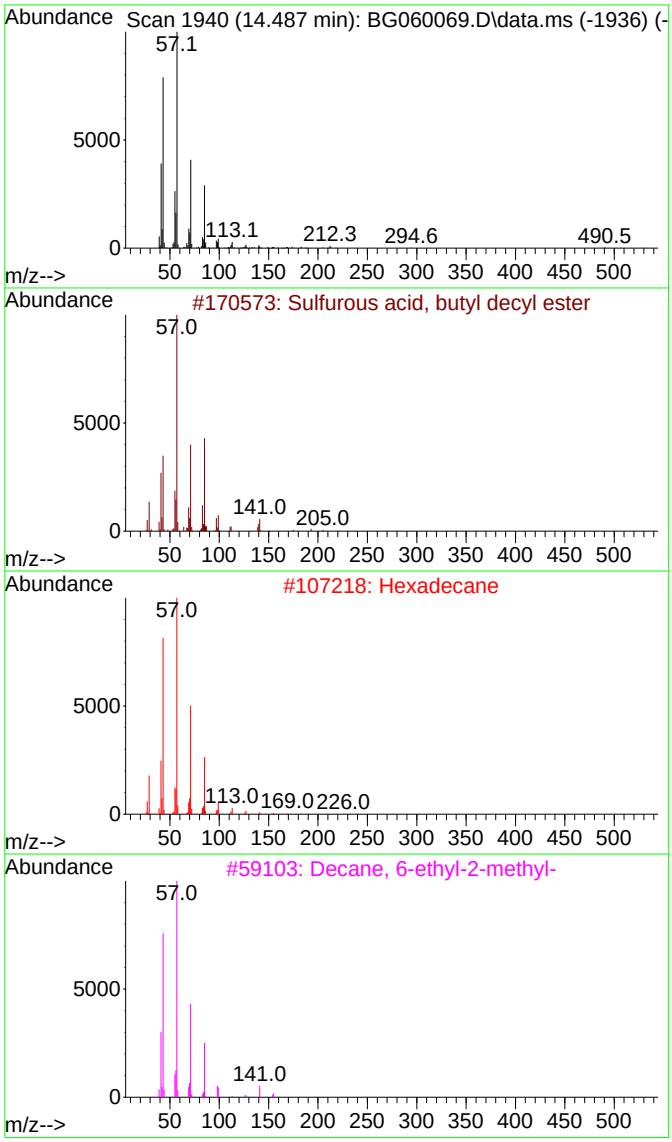
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

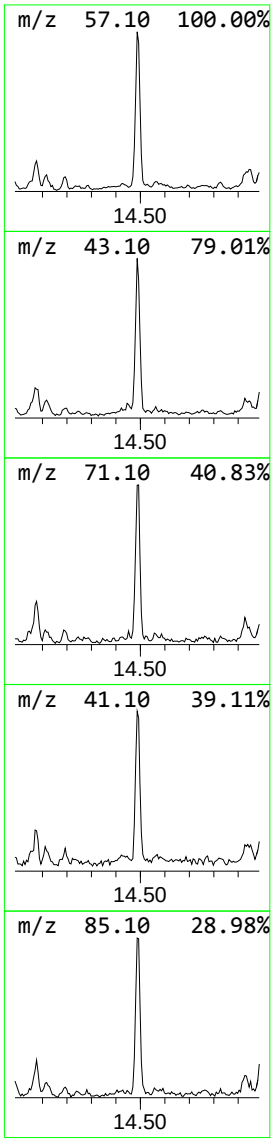
****

Peak Number 2 Sulfurous acid, butyl decyl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.487	14.33 ng	783873	Acenaphthene-d10	14.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	90
2	Hexadecane	226	C16H34	000544-76-3	86
3	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	78
4	Eicosane	282	C20H42	000112-95-8	72
5	Nonadecane	268	C19H40	000629-92-5	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060069.D
Acq On : 18 Dec 2023 16:52
Operator : MA/JU
Sample : 05827-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT-SB-10-11-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

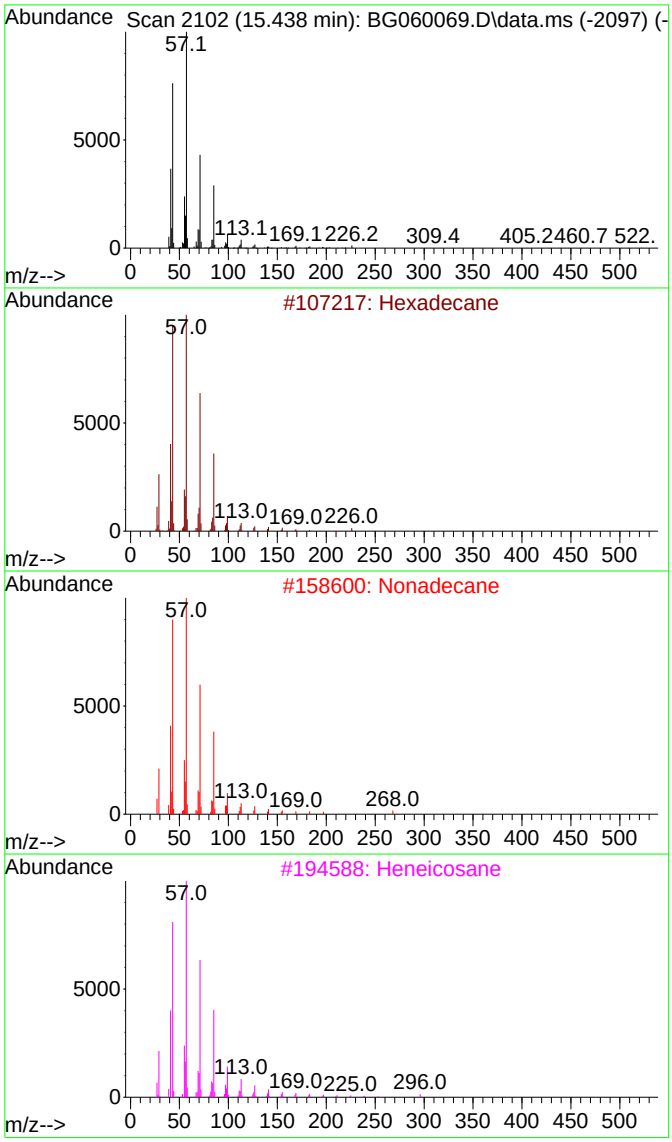
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

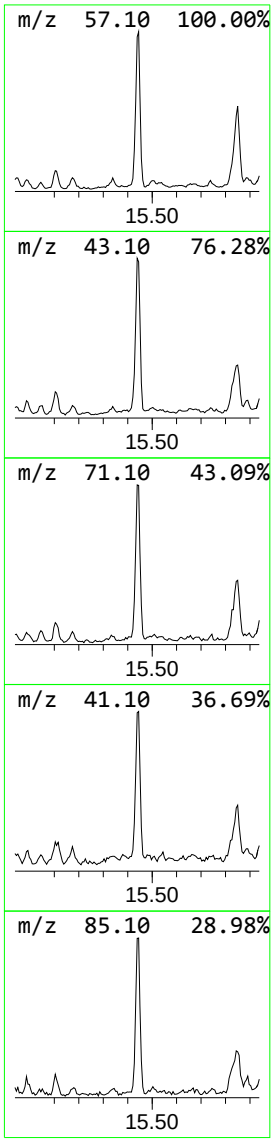
****

Peak Number 3 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.438	22.95 ng	1255490	Acenaphthene-d10	14.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Nonadecane	268	C19H40	000629-92-5	86
3	Heneicosane	296	C21H44	000629-94-7	86
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	86
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060069.D
Acq On : 18 Dec 2023 16:52
Operator : MA/JU
Sample : 05827-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT-SB-10-11-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

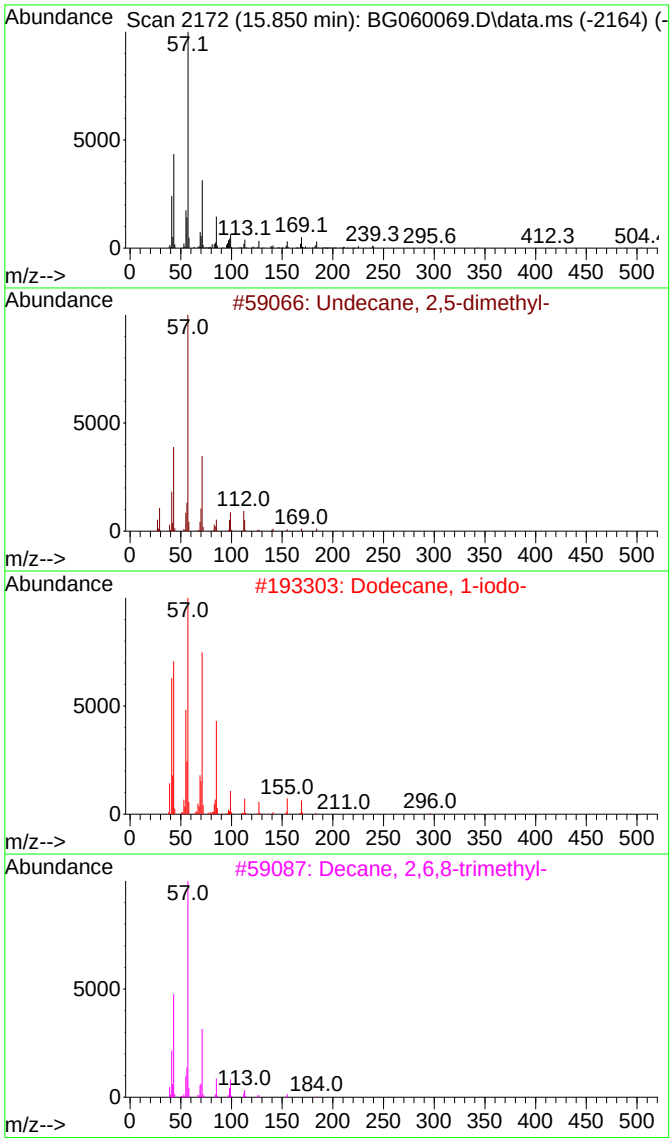
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

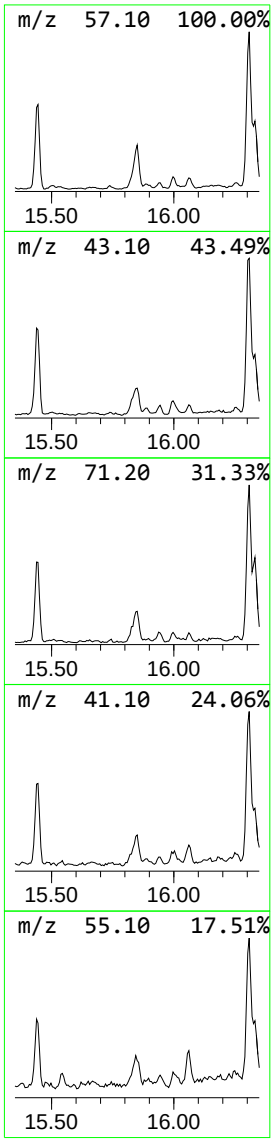
****

Peak Number 4 Undecane, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.850	13.72 ng	750247	Acenaphthene-d10	14.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	83
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	83
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	80
4	Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	72
5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060069.D
Acq On : 18 Dec 2023 16:52
Operator : MA/JU
Sample : 05827-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT-SB-10-11-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

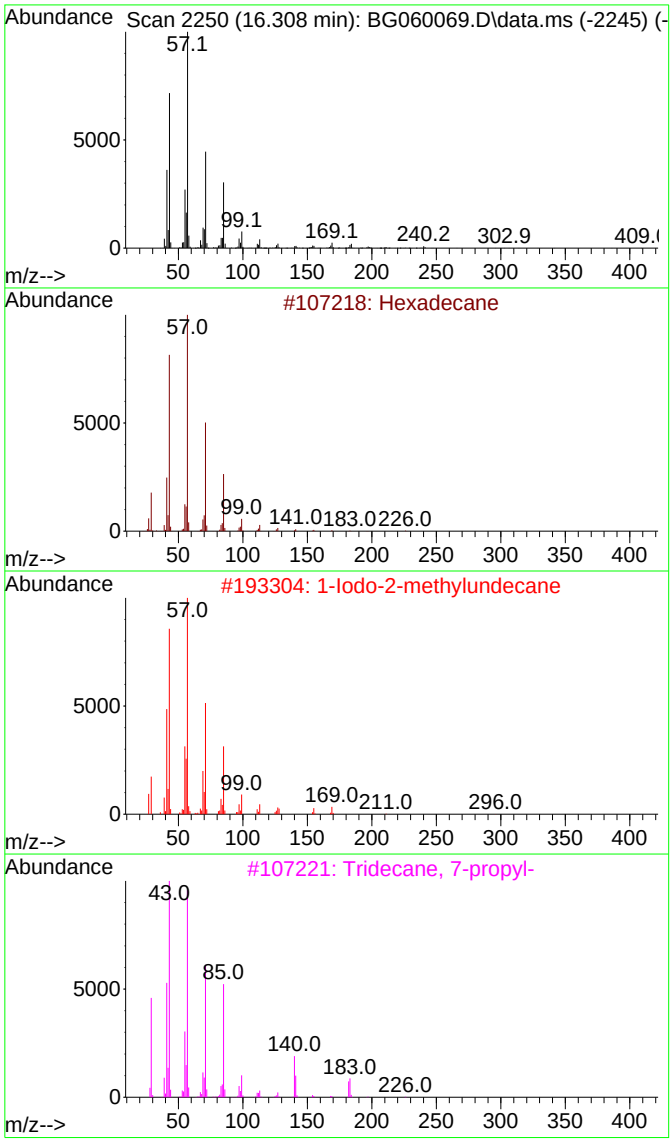
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

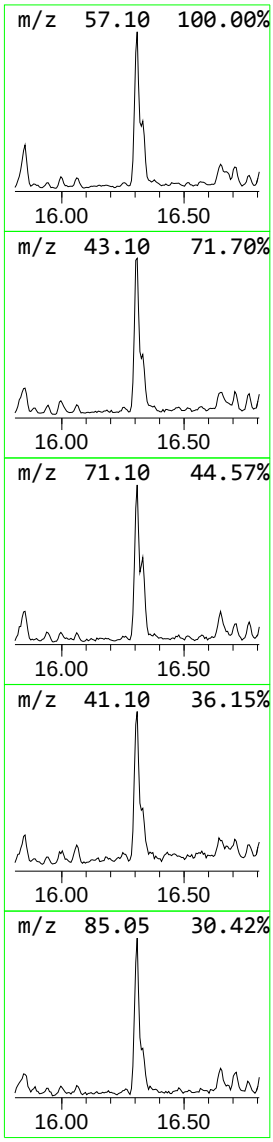
****

Peak Number 5 1-Iodo-2-methylundecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.308	30.88 ng	2777950	Phenanthrene-d10	17.342

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	94
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	91
4	Tridecane	184	C13H28	000629-50-5	90
5	Heneicosane	296	C21H44	000629-94-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060069.D
Acq On : 18 Dec 2023 16:52
Operator : MA/JU
Sample : 05827-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT-SB-10-11-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

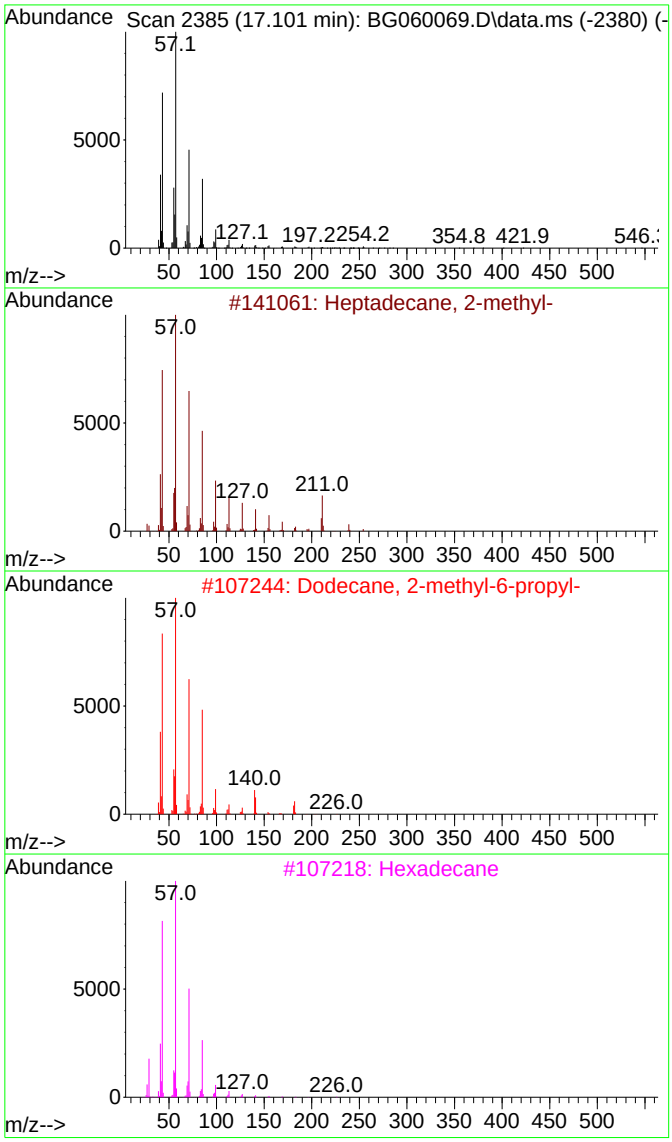
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

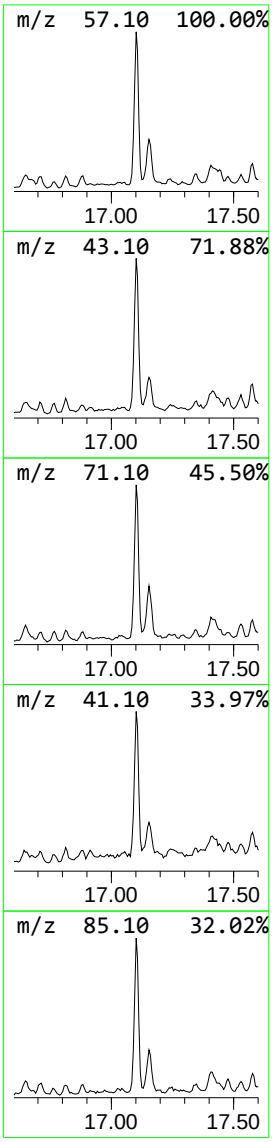
****

Peak Number 6 Heptadecane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.101	42.08 ng	3785180	Phenanthrene-d10	17.342

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	90
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3	Hexadecane	226	C16H34	000544-76-3	86
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	83
5	Pentadecane	212	C15H32	000629-62-9	80





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Acq On : 18 Dec 2023 16:52
Operator : MA/JU
Sample : 05827-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RT-SB-10-11-12

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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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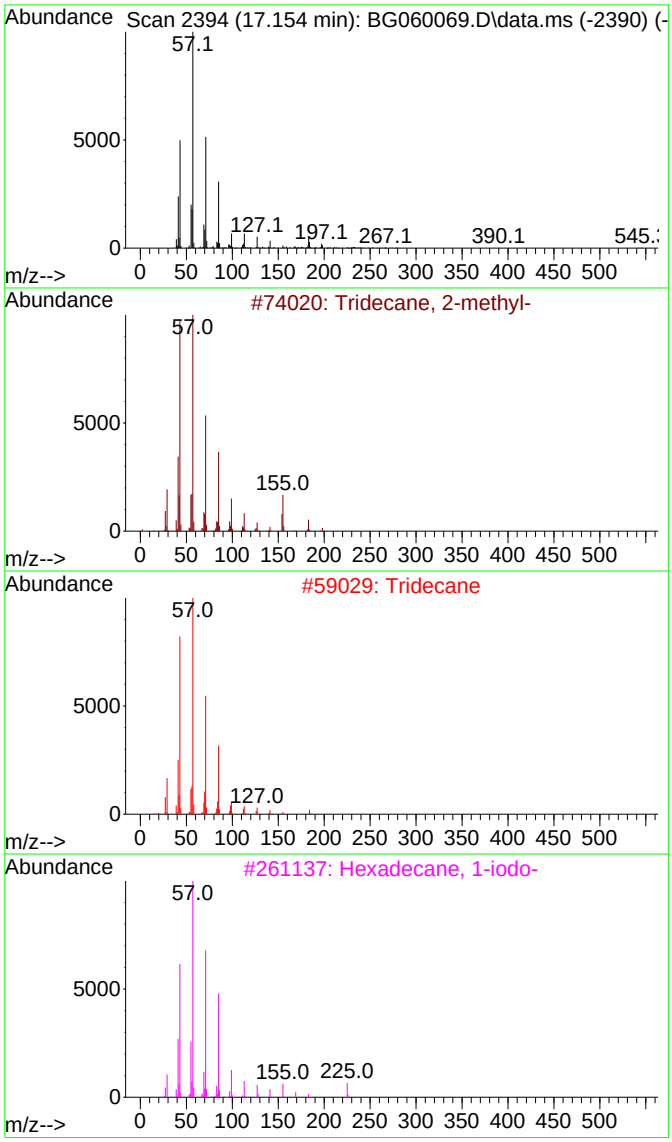
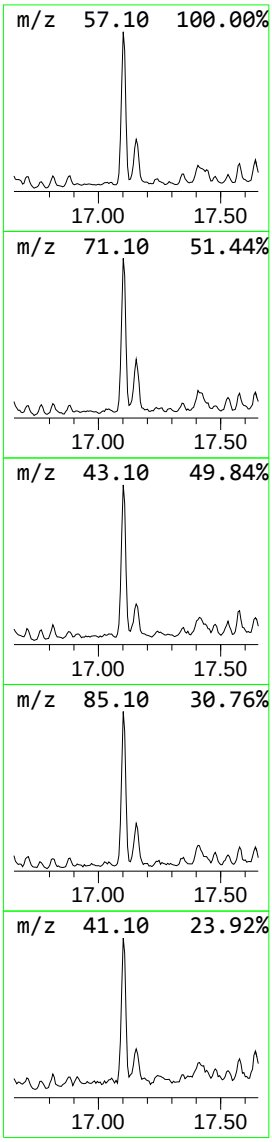
Peak Number 7 Tridecane, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.154	16.57 ng	1490580	Phenanthrene-d10	17.342

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
2	Tridecane	184	C13H28	000629-50-5	80
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	72
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
5	Nonadecane	268	C19H40	000629-92-5	64





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RT-SB-10-11-12

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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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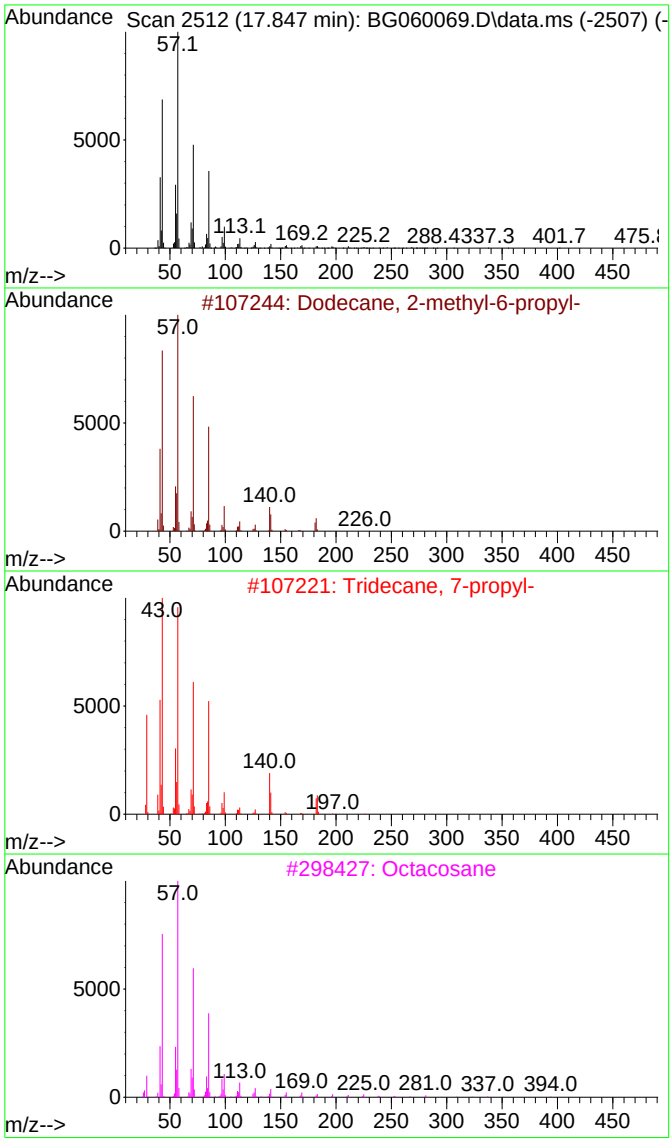
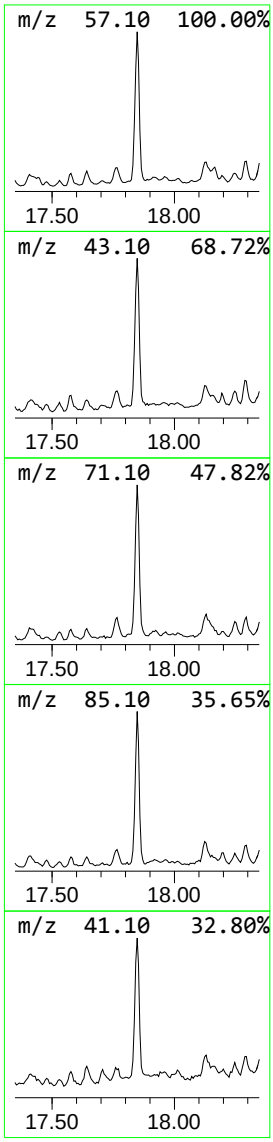
Peak Number 8 Dodecane, 2-methyl-6-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.848	65.90 ng	5927890	Phenanthrene-d10	17.342

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
2	Tridecane, 7-propyl-	226	C16H34	055045-09-5	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Hexadecane	226	C16H34	000544-76-3	90
5	Tetracosane	338	C24H50	000646-31-1	90





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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RT-SB-10-11-12

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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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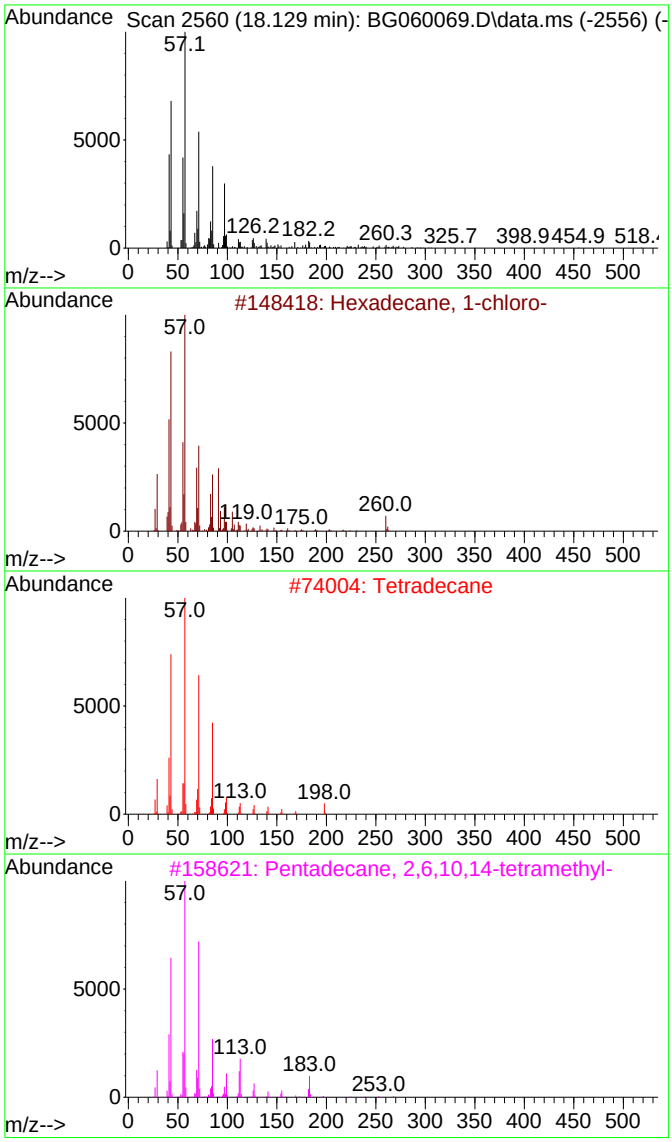
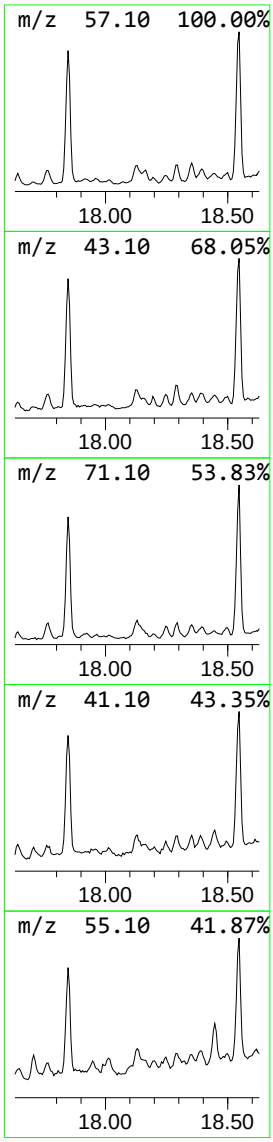
Peak Number 9 Hexadecane, 1-chloro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.130	13.55 ng	1219080	Phenanthrene-d10	17.342

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	68
2	Tetradecane	198	C14H30	000629-59-4	64
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	58
4	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	58
5	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	52





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Operator : MA/JU
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RT-SB-10-11-12

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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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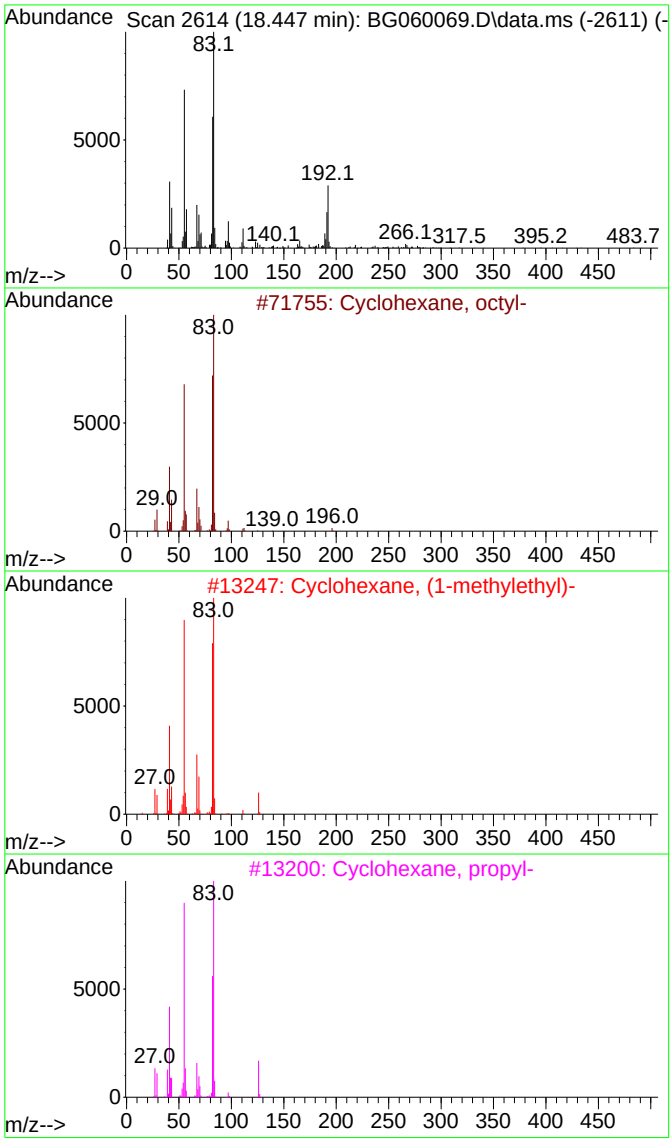
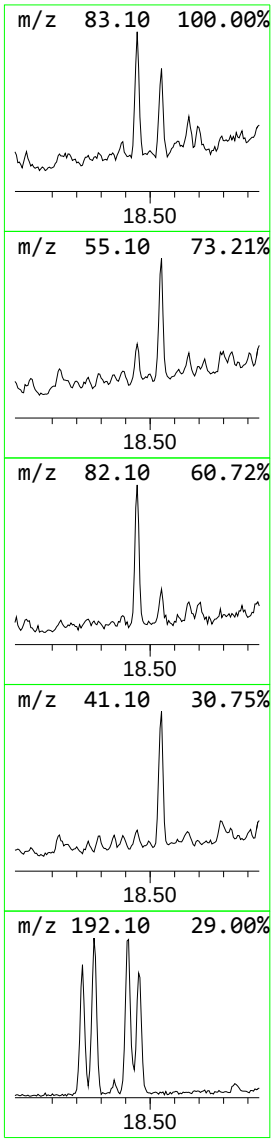
Peak Number 10 Cyclohexane, octyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.447	12.68 ng	1140650	Phenanthrene-d10	17.342

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, octyl-	196	C14H28	001795-15-9	76
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
4	Cyclohexane, undecyl-	238	C17H34	054105-66-7	64
5	Cyclohexane, nonadecyl-	350	C25H50	022349-03-7	62





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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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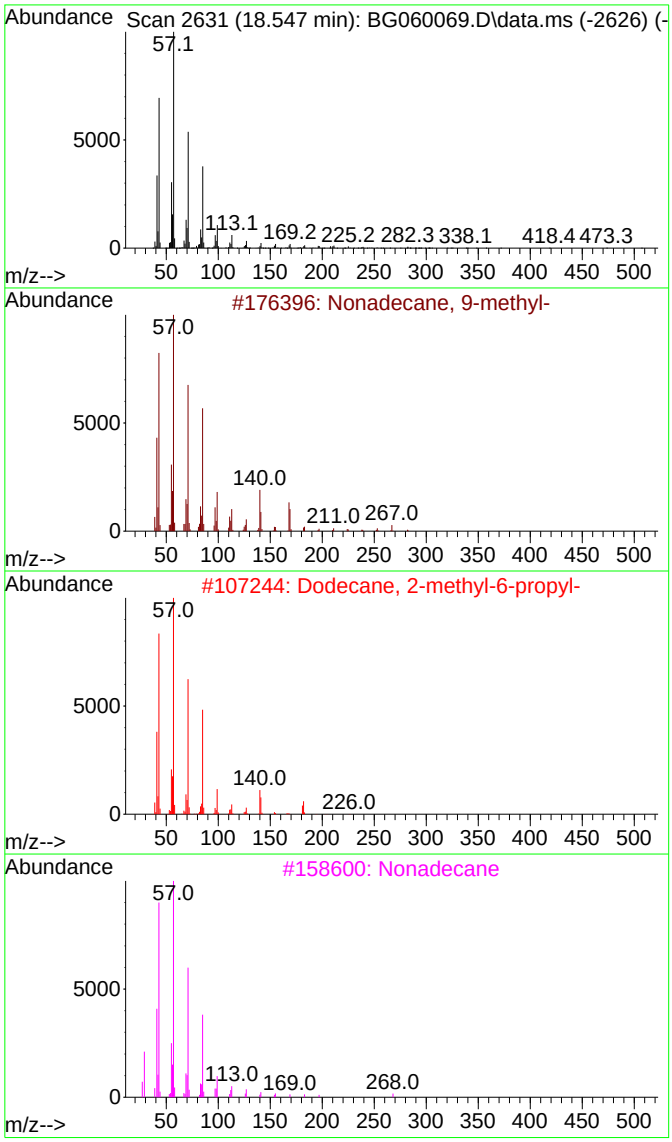
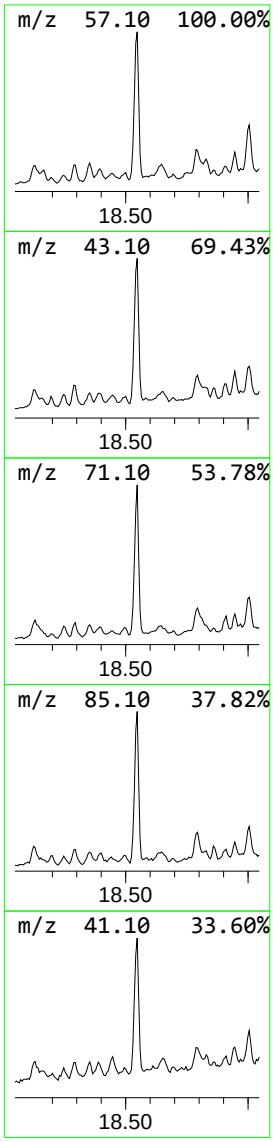
Peak Number 11 Nonadecane, 9-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.547	78.59 ng	7068840	Phenanthrene-d10	17.342

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Heptadecane	240	C17H36	000629-78-7	91





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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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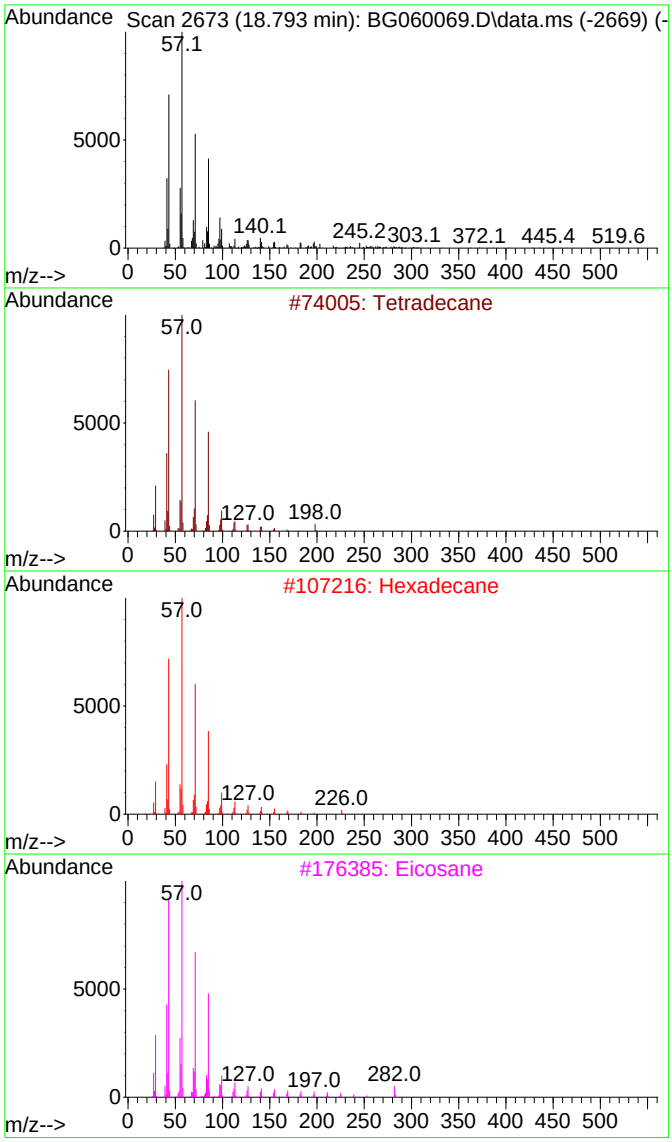
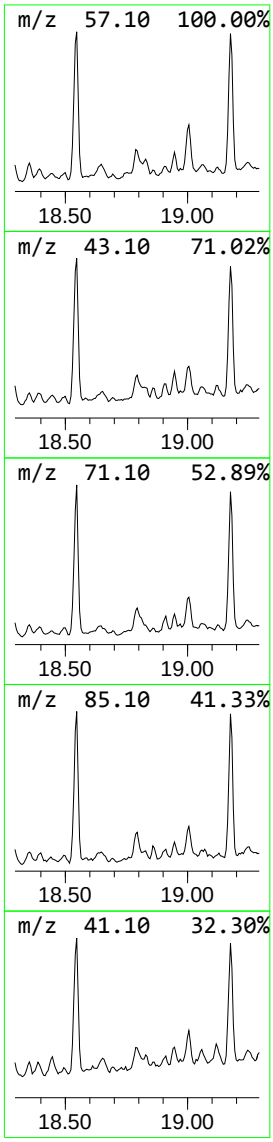
Peak Number 12 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.793	16.99 ng	1528430	Phenanthrene-d10	17.342

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	81
2	Hexadecane	226	C16H34	000544-76-3	72
3	Eicosane	282	C20H42	000112-95-8	68
4	Decane, 3-methyl-	156	C11H24	013151-34-3	64
5	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	64





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.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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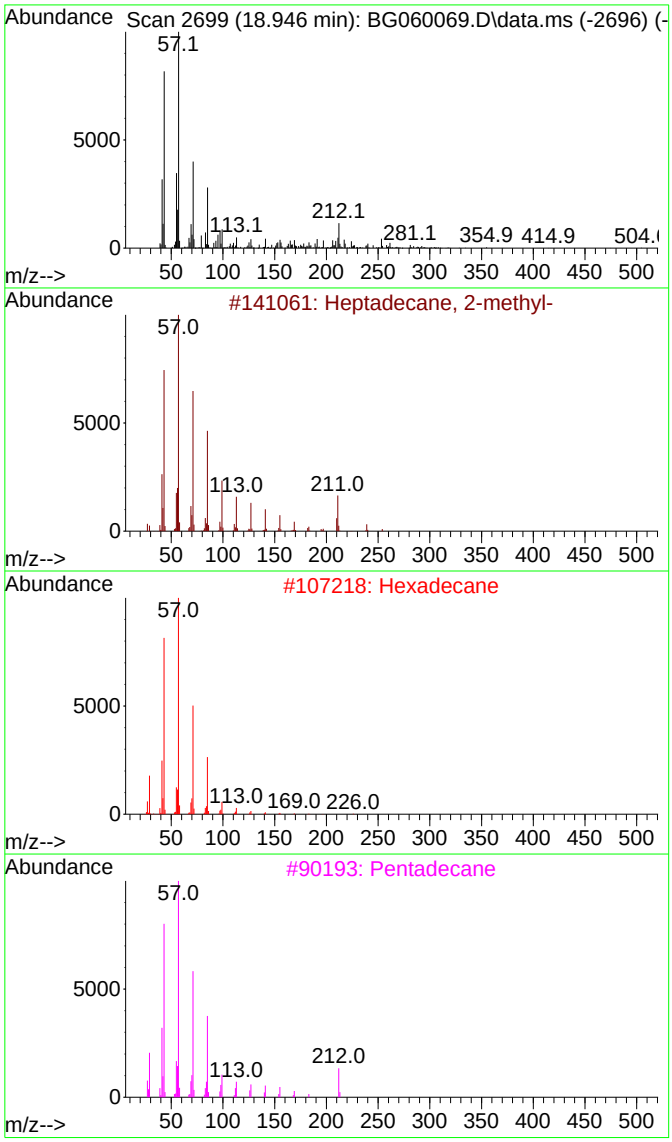
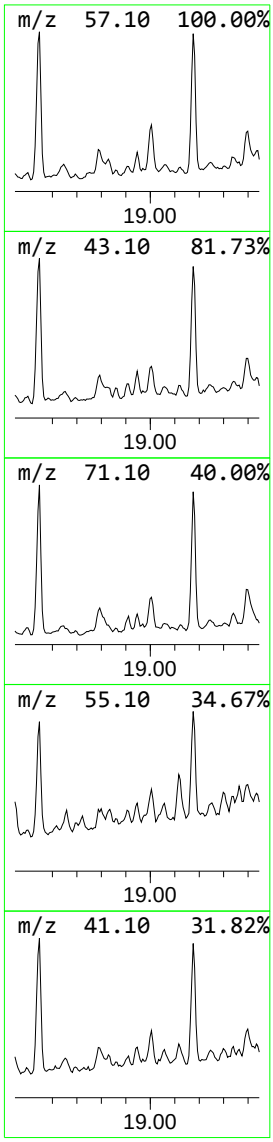
Peak Number 13 Pentadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.946	11.42 ng	1027290	Phenanthrene-d10	17.342

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	89
2	Hexadecane	226	C16H34	000544-76-3	86
3	Pentadecane	212	C15H32	000629-62-9	81
4	1-Iodoundecane	282	C11H23I	004282-44-4	62
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	62





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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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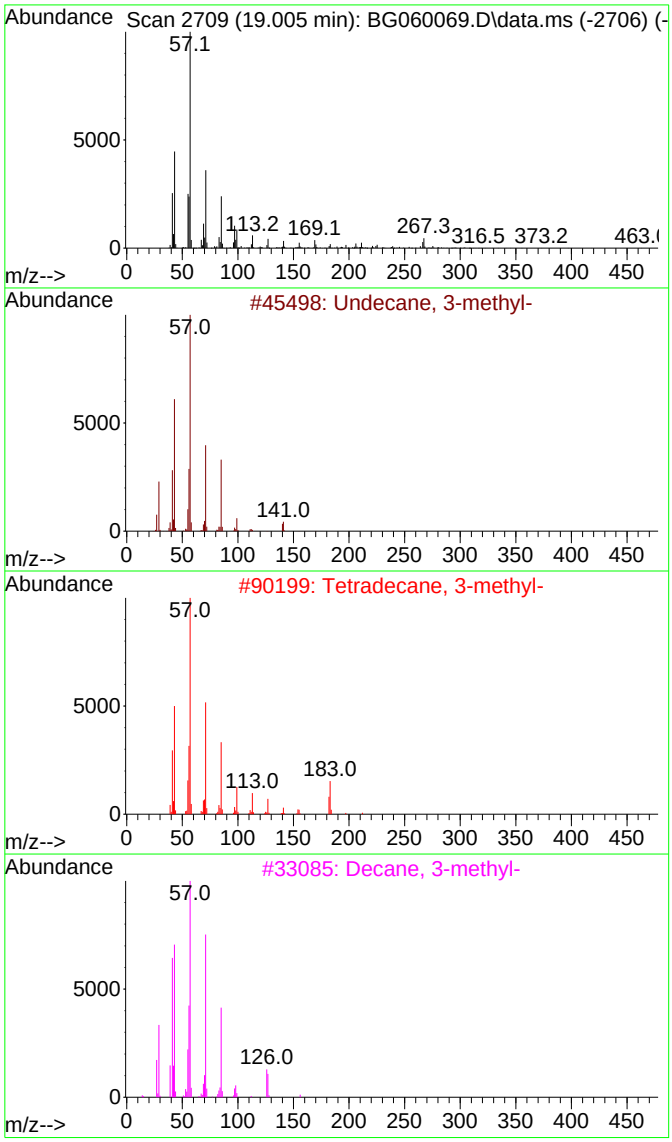
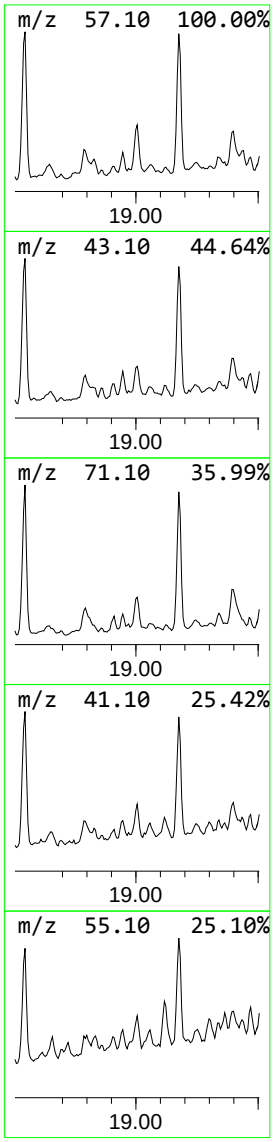
Peak Number 14 Undecane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.005	18.12 ng	1630340	Phenanthrene-d10	17.342

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	64
2	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	58
3	Decane, 3-methyl-	156	C11H24	013151-34-3	58
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	55
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	55





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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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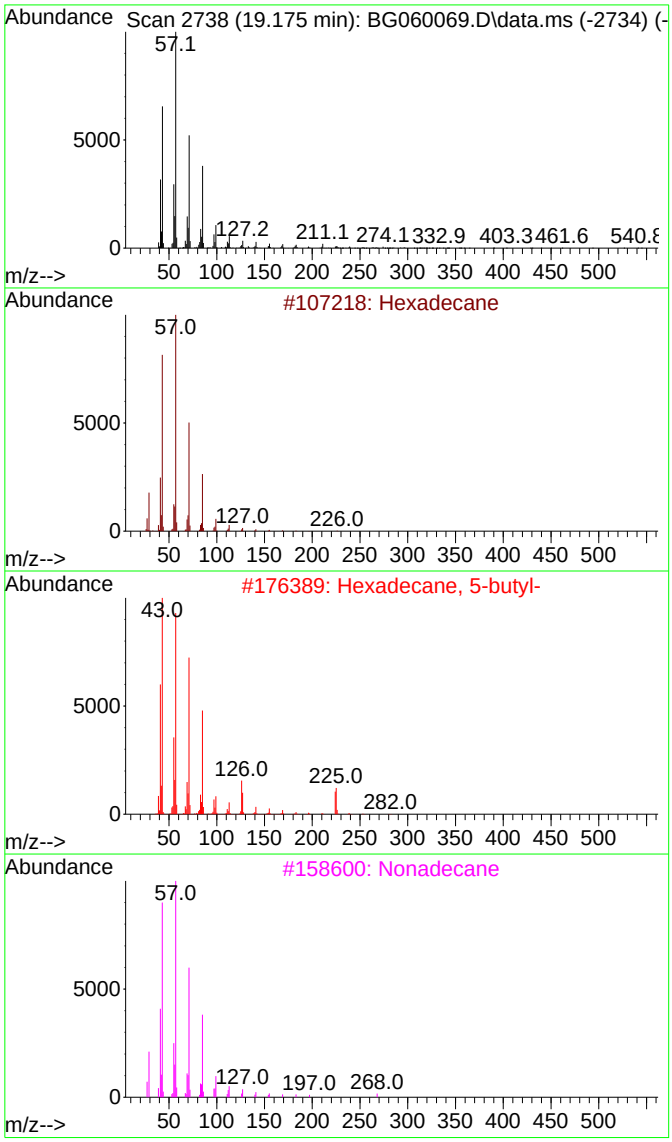
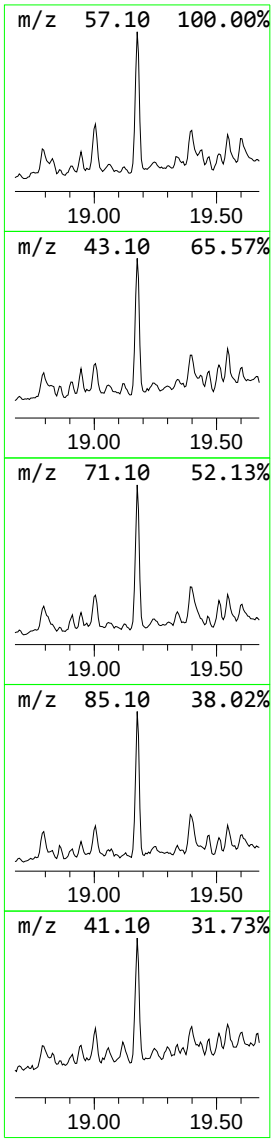
Peak Number 15 Hexadecane, 5-butyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.175	71.93 ng	6469760	Phenanthrene-d10	17.342

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
5	Octacosane	394	C28H58	000630-02-4	91





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ALS Vial : 7 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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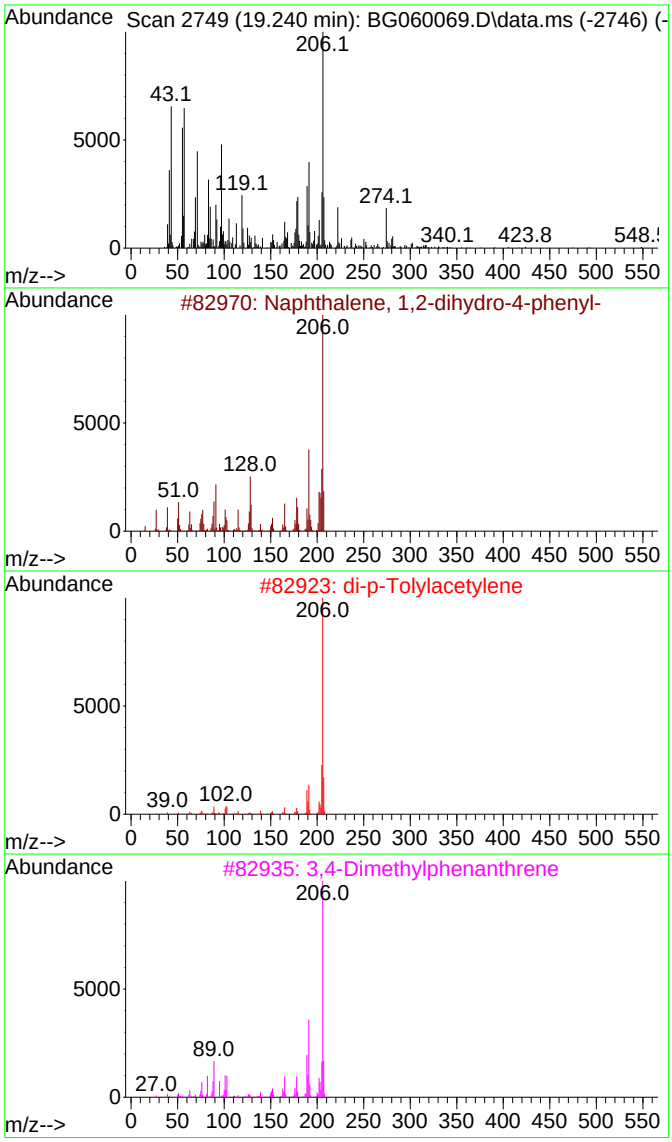
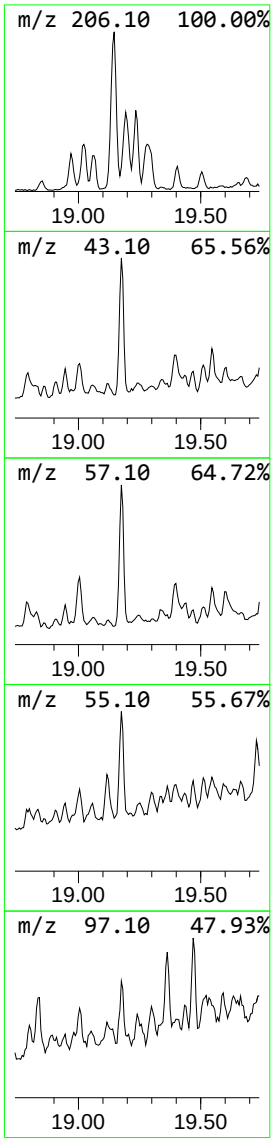
Peak Number 16 Naphthalene, 1,2-dihydro-4-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.240	10.94 ng	984349	Phenanthrene-d10	17.342

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	64
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	64
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	64
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	58
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	52





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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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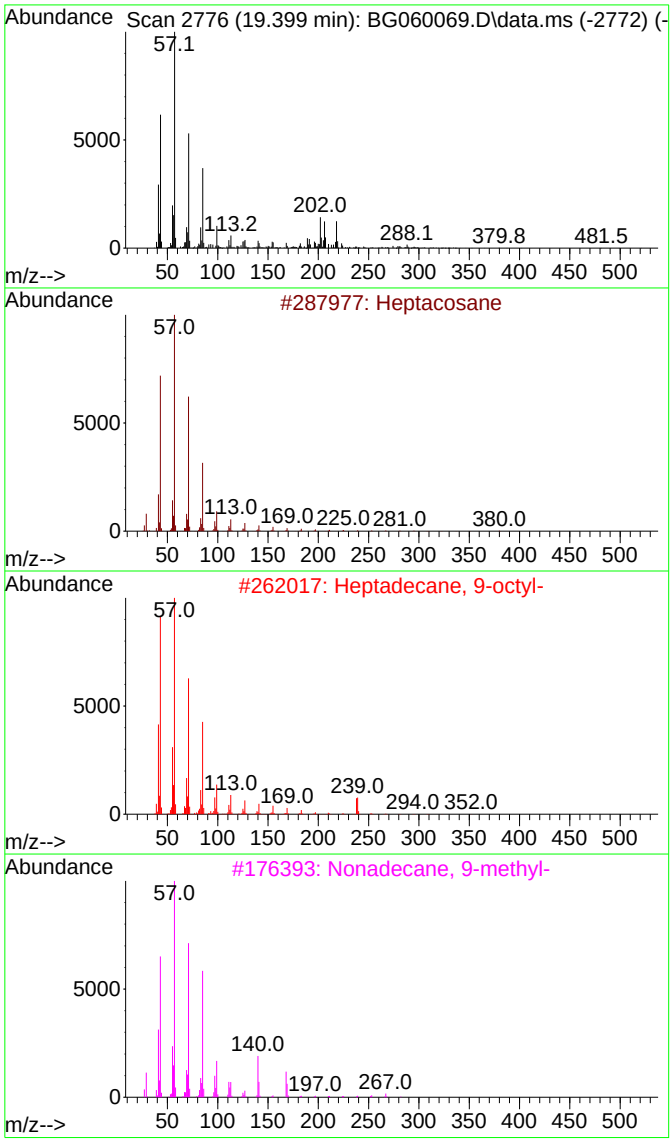
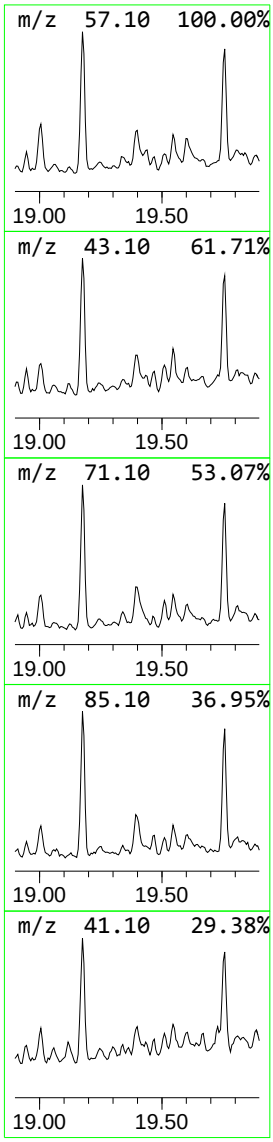
Peak Number 17 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.399	28.31 ng	2546220	Phenanthrene-d10	17.342

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	92
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	78
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	70
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	60
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	58





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ALS Vial : 7 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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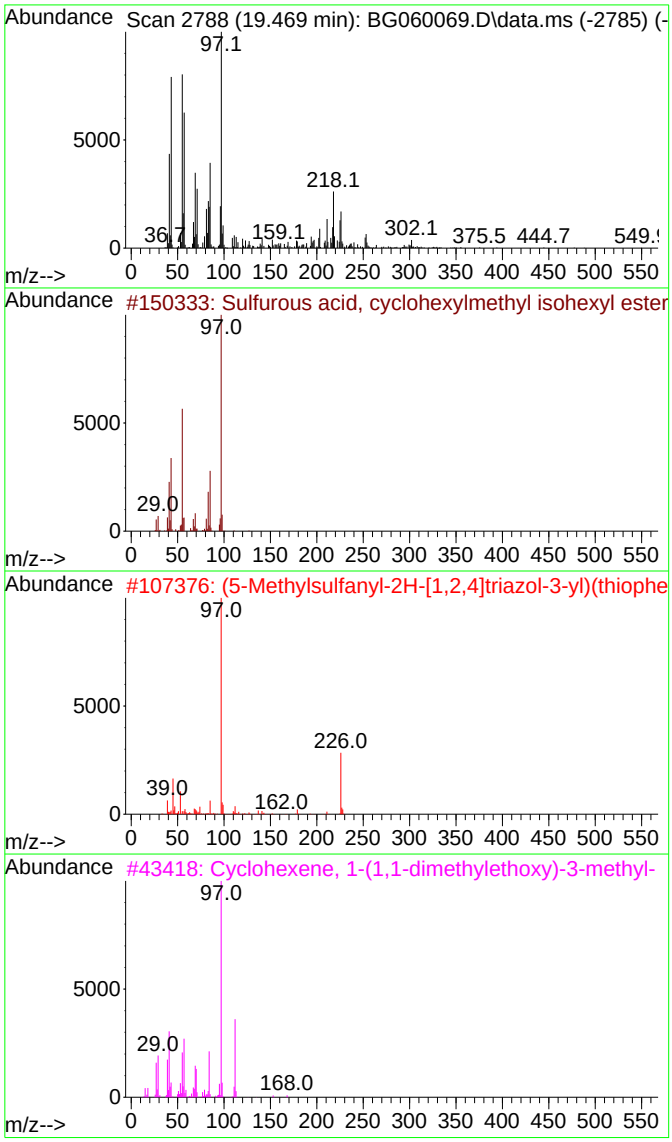
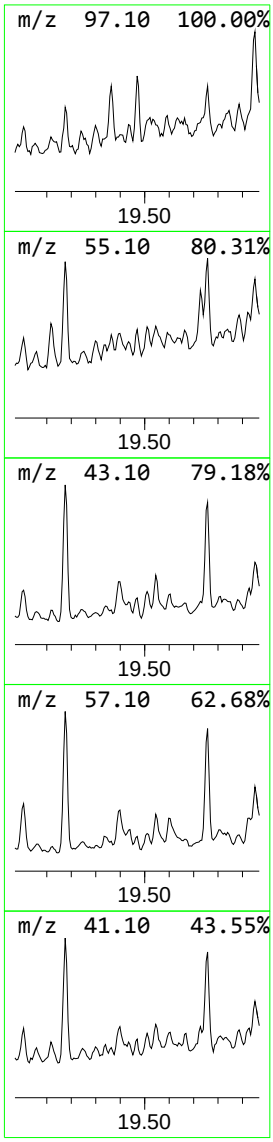
Peak Number 18 unknown19.469 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.469	10.48 ng	942546	Phenanthrene-d10	17.342

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	47
2	(5-Methylsulfanyl-2H-[1,2,4]tria...	226	C8H10N4S2	1000316-82-0	38
3	Cyclohexene, 1-(1,1-dimethyletho...	168	C11H20O	040648-24-6	38
4	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	35
5	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	35





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Data File : BG060069.D
Acq On : 18 Dec 2023 16:52
Operator : MA/JU
Sample : 05827-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT-SB-10-11-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.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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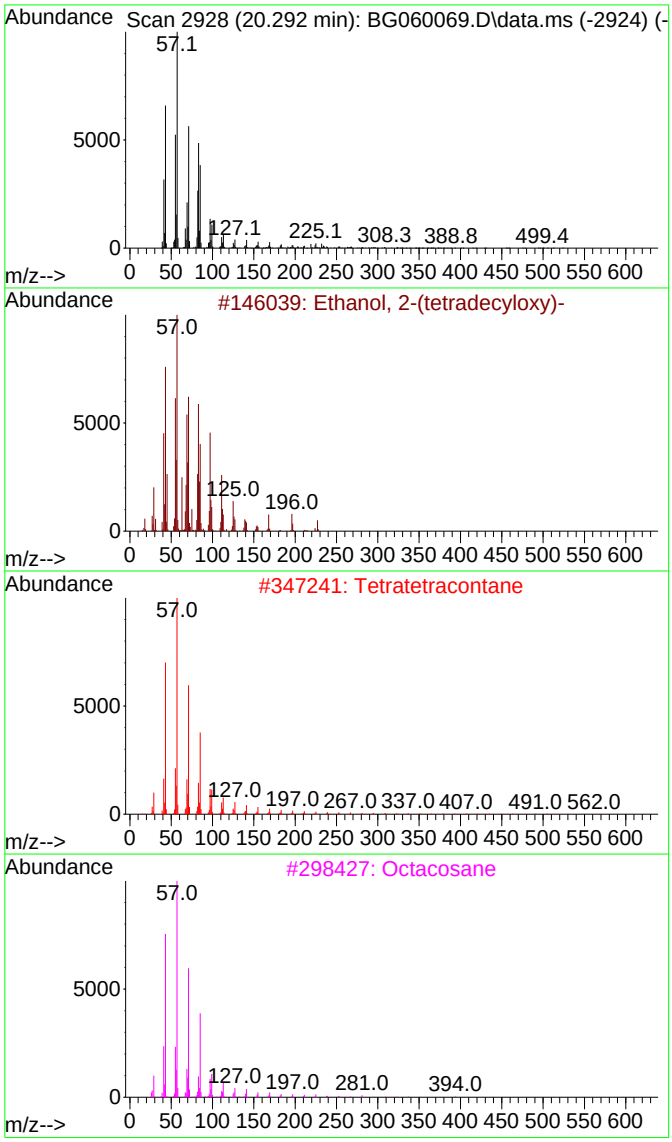
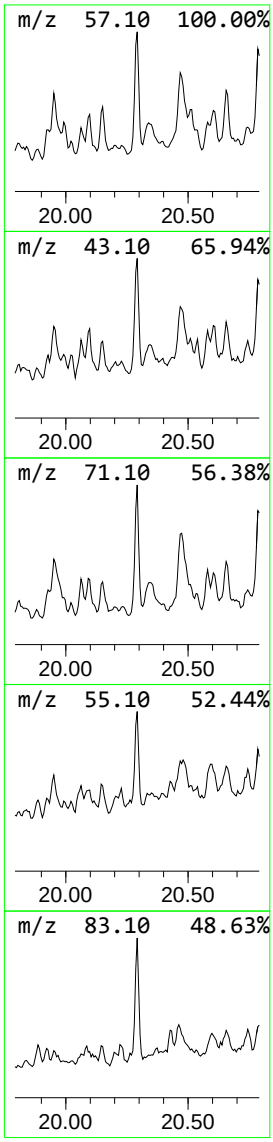
Peak Number 19 Ethanol, 2-(tetradecyloxy)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.292	12.31 ng	5850780	Chrysene-d12	21.637

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
2	Tetratetracontane	619	C44H90	007098-22-8	70
3	Octacosane	394	C28H58	000630-02-4	64
4	Tritetracontane	605	C43H88	007098-21-7	62
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060069.D
Acq On : 18 Dec 2023 16:52
Operator : MA/JU
Sample : 05827-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT-SB-10-11-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.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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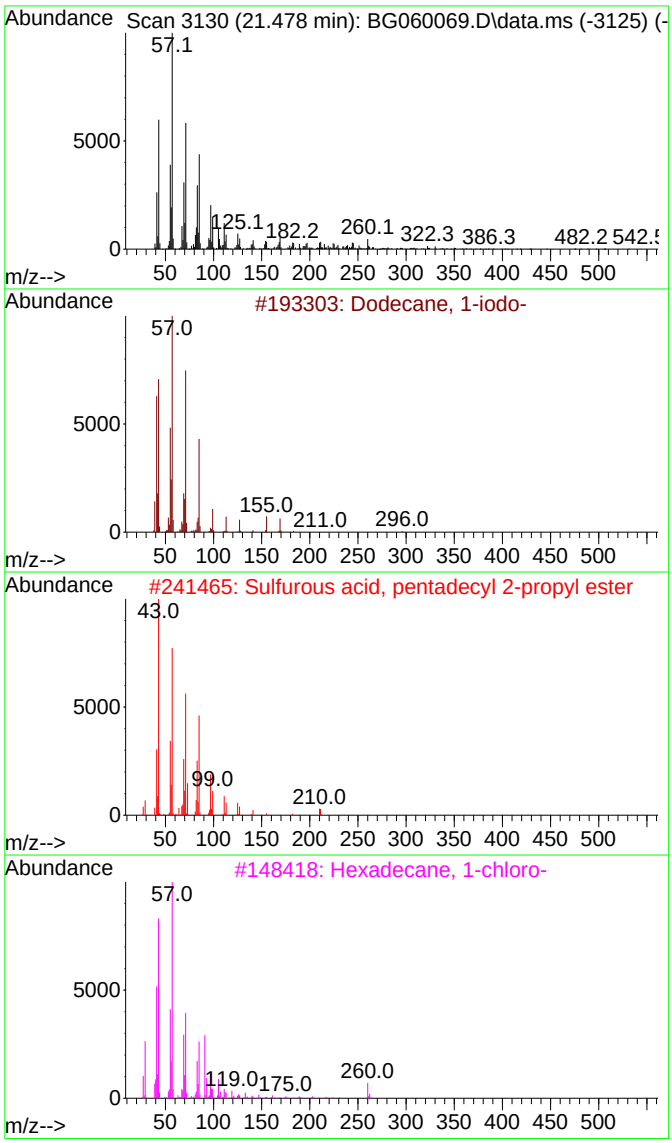
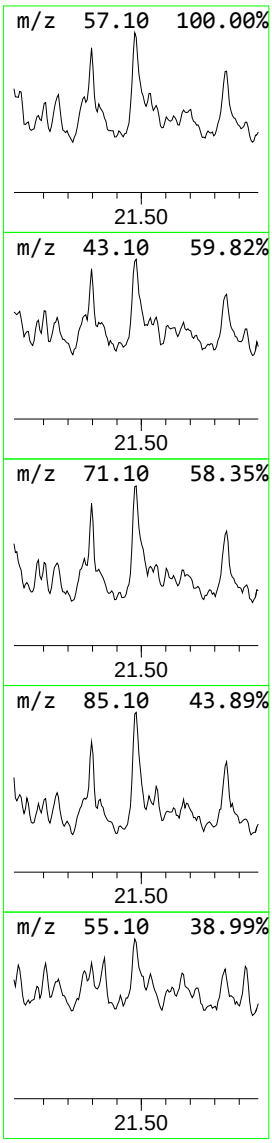
Peak Number 20 Dodecane, 1-iodo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.479	20.00 ng	9506970	Chrysene-d12	21.637

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	93
2	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	91
3	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	91
4	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	91
5	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060069.D
Acq On : 18 Dec 2023 16:52
Operator : MA/JU
Sample : 05827-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT-SB-10-11-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.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-...	5.068	64.8	ng	1694670	1	7.959	522913	20.0
Sulfurous acid,...	14.487	14.3	ng	783873	3	14.592	1093980	20.0
Hexadecane	15.438	22.9	ng	1255490	3	14.592	1093980	20.0
Undecane, 2,5-d...	15.850	13.7	ng	750247	3	14.592	1093980	20.0
1-Iodo-2-methyl...	16.308	30.9	ng	2777950	4	17.342	1799020	20.0
Heptadecane, 2-...	17.101	42.1	ng	3785180	4	17.342	1799020	20.0
Tridecane, 2-me...	17.154	16.6	ng	1490580	4	17.342	1799020	20.0
Dodecane, 2-met...	17.848	65.9	ng	5927890	4	17.342	1799020	20.0
Hexadecane, 1-c...	18.130	13.6	ng	1219080	4	17.342	1799020	20.0
Cyclohexane, oc...	18.447	12.7	ng	1140650	4	17.342	1799020	20.0
Nonadecane, 9-m...	18.547	78.6	ng	7068840	4	17.342	1799020	20.0
Tetradecane	18.793	17.0	ng	1528430	4	17.342	1799020	20.0
Pentadecane	18.946	11.4	ng	1027290	4	17.342	1799020	20.0
Undecane, 3-met...	19.005	18.1	ng	1630340	4	17.342	1799020	20.0
Hexadecane, 5-b...	19.175	71.9	ng	6469760	4	17.342	1799020	20.0
Naphthalene, 1,...	19.240	10.9	ng	984349	4	17.342	1799020	20.0
Heptacosane	19.399	28.3	ng	2546220	4	17.342	1799020	20.0
unknown19.469	19.469	10.5	ng	942546	4	17.342	1799020	20.0
Ethanol, 2-(tet...	20.292	12.3	ng	5850780	5	21.637	9506970	20.0
Dodecane, 1-iodo-	21.479	20.0	ng	9506970	5	21.637	9506970	20.0