LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112322\
Data File : BG055772.D
Acq On : 24 Nov 2022 2:28
Operator : CG/JU
Sample : N5692-03 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HS-SPILL-DRUM-11-16

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-BG111622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055772.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.767	416	422	430	rVB	46598	77834	2.67%	0.264%
2	7.382	691	697	705	rBV	49230	88602	3.04%	0.300%
3	8.240	836	843	850	rVB	175600	302598	10.39%	1.025%
4	9.409	1035	1042	1046	rBV	31415	58677	2.01%	0.199%
5	11.007	1308	1314	1318	rBV	29121	45259	1.55%	0.153%
6	11.066	1318	1324	1331	rVB	243367	430170	14.77%	1.457%
7	12.047	1483	1491	1496	rBV	17174	29938	1.03%	0.101%
8	12.441	1552	1558	1566	rBV	84738	127641	4.38%	0.432%
9	13.240	1685	1694	1701	rVB3	23286	53281	1.83%	0.181%
10	13.375	1712	1717	1721	rBV2	28355	44344	1.52%	0.150%
11	13.487	1730	1736	1746	rVB	88626	139905	4.80%	0.474%
12	13.663	1760	1766	1776	rBV	173517	256092	8.79%	0.868%
13	13.804	1785	1790	1797	rVB4	17245	33397	1.15%	0.113%
14	14.139	1842	1847	1851	rBV7	14438	32710	1.12%	0.111%
15	14.186	1851	1855	1859	rVV4	35513	65126	2.24%	0.221%
16	14.227	1859	1862	1867	rVV3	31993	47077	1.62%	0.159%
17	14.315	1868	1877	1881	rVV3	68445	149674	5.14%	0.507%
18	14.362	1881	1885	1891	rVV3	52291	111814	3.84%	0.379%
19	14.433	1891	1897	1902	rVB3	39136	63246	2.17%	0.214%
20	14.580	1918	1922	1933	rBV5	47693	85154	2.92%	0.288%
21	14.727	1942	1947	1952	rBV	280647	350694	12.04%	1.188%
22	14.868	1964	1971	1979	rVB2	1729078	2560253	87.92%	8.674%
23	15.167	2018	2022	2023	rBV	27664	34738	1.19%	0.118%
24	15.220	2028	2031	2038	rBV3	24538	35333	1.21%	0.120%
25	15.279	2038	2041	2045	rVB	34234	43961	1.51%	0.149%
26	15.338	2045	2051	2054	rBV2	67656	128362	4.41%	0.435%
27	15.408	2059	2063	2068	rVB2	45550	65340	2.24%	0.221%
28	15.479	2069	2075	2079	rBV7	26271	71016	2.44%	0.241%
29	15.673	2103	2108	2113	rVB	375490	465658	15.99%	1.578%
30	15.784	2122	2127	2136	rVB6	30705	83862	2.88%	0.284%
31	16.078	2170	2177	2181	rBV	108795	211915	7.28%	0.718%
32	16.172	2189	2193	2197	rBV	40470	53372	1.83%	0.181%
33	16.225	2199	2202	2205	rBV	35087	46246	1.59%	0.157%
34	16.295	2210	2214	2218	rVB2	69578	87545	3.01%	0.297%
35	16.342	2218	2222	2228	rBV	54212	94086	3.23%	0.319%
36	16.530	2249	2254	2263	rBV	406037	707065	24.28%	2.395%

LSC Area Percent Report

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Data File : BG055772.D
Acq On : 24 Nov 2022 2:28
Operator : CG/JU
Sample : N5692-03 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HS-SPILL-DRUM-11-16

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-BG111622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.871	2308	2312	2316	rBV3	51455	94072	3.23%	0.319%
38	16.936	2320	2323	2329	rVB4	40791	53582	1.84%	0.182%
39	16.989	2329	2332	2336	rVB	34772	41772	1.43%	0.142%
40	17.036	2337	2340	2346	rVB	58390	79313	2.72%	0.269%
41	17.106	2347	2352	2356	rBV2	100331	139565	4.79%	0.473%
42	17.147	2356	2359	2361	rBV	33807	42869	1.47%	0.145%
43	17.324	2384	2389	2393	rBV	375985	463159	15.90%	1.569%
44	17.376	2393	2398	2401	rVV	102501	156506	5.37%	0.530%
45	17.606	2432	2437	2445	rBV	412438	695423	23.88%	2.356%
46	17.794	2466	2469	2476	rVB2	64815	93564	3.21%	0.317%
47	17.858	2476	2480	2487	rBV2	147911	233664	8.02%	0.792%
48	18.064	2511	2515	2520	rVB	368088	443293	15.22%	1.502%
49	18.234	2540	2544	2551	rVB	182018	247533	8.50%	0.839%
50	18.340	2559	2562	2571	rVB3	55107	144489	4.96%	0.490%
51	18.463	2579	2583	2586	rBV2	67630	95270	3.27%	0.323%
52	18.505	2587	2590	2596	rVV2	59959	76187	2.62%	0.258%
53	18.563	2597	2600	2604	rBV	94504	124427	4.27%	0.422%
54	18.704	2622	2624	2627	rVB	58368	62781	2.16%	0.213%
55	18.751	2627	2632	2636	rBV	328115	419858	14.42%	1.422%
56	18.998	2670	2674	2678	rBV3	98533	203778	7.00%	0.690%
57	19.110	2690	2693	2696	rVB2	68049	68366	2.35%	0.232%
58	19.151	2697	2700	2704	rBV	71150	87278	3.00%	0.296%
59	19.204	2706	2709	2714	rVV	159450	213507	7.33%	0.723%
60	19.327	2727	2730	2733	rBV2	102518	150258	5.16%	0.509%
61	19.368	2733	2737	2740	rBV2	736042	1000114	34.34%	3.388%
62	19.592	2772	2775	2780	rBV	188429	370906	12.74%	1.257%
63	19.703	2791	2794	2797	rBV	144005	164162	5.64%	0.556%
64	19.738	2797	2800	2803	rVV2	146878	221211	7.60%	0.749%
65	19.791	2807	2809	2814	rVB	157802	210297	7.22%	0.712%
66	19.944	2832	2835	2839	rVB	284065	324217	11.13%	1.098%
67	20.144	2865	2869	2873	rBV	471647	753308	25.87%	2.552%
68	20.185	2874	2876	2879	rVB2	201980	193668	6.65%	0.656%
69	20.250	2884	2887	2890	rBV	245290	334987	11.50%	1.135%
70	20.479	2922	2926	2929	rBV2	398825	590896	20.29%	2.002%
71	20.514	2930	2932	2939	rVB	308624	513582	17.64%	1.740%
72	20.655	2952	2956	2961	rBV2	707161	1308482	44.93%	4.433%
73	20.931	2999	3003	3007	rBV	1249275	1565416	53.75%	5.303%
74	21.013	3014	3017	3023	rVB	599264	841909	28.91%	2.852%
75	21.160	3038	3042	3048	rBV	853761	1687309	57.94%	5.716%
76	21.695	3128	3133	3140	rBV	1216259	2912166	100.00%	9.866%

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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HS-SPILL-DRUM-11-16

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-BG111622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	22.282	3229	3233	3248	rVB	1041363	2725174	93.58%	9.232%
78	23.270	3398	3401	3409	rVB	1178329	2087104	71.67%	7.071%

Sum of corrected areas: 29517407

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112322\
Data File : BG055772.D
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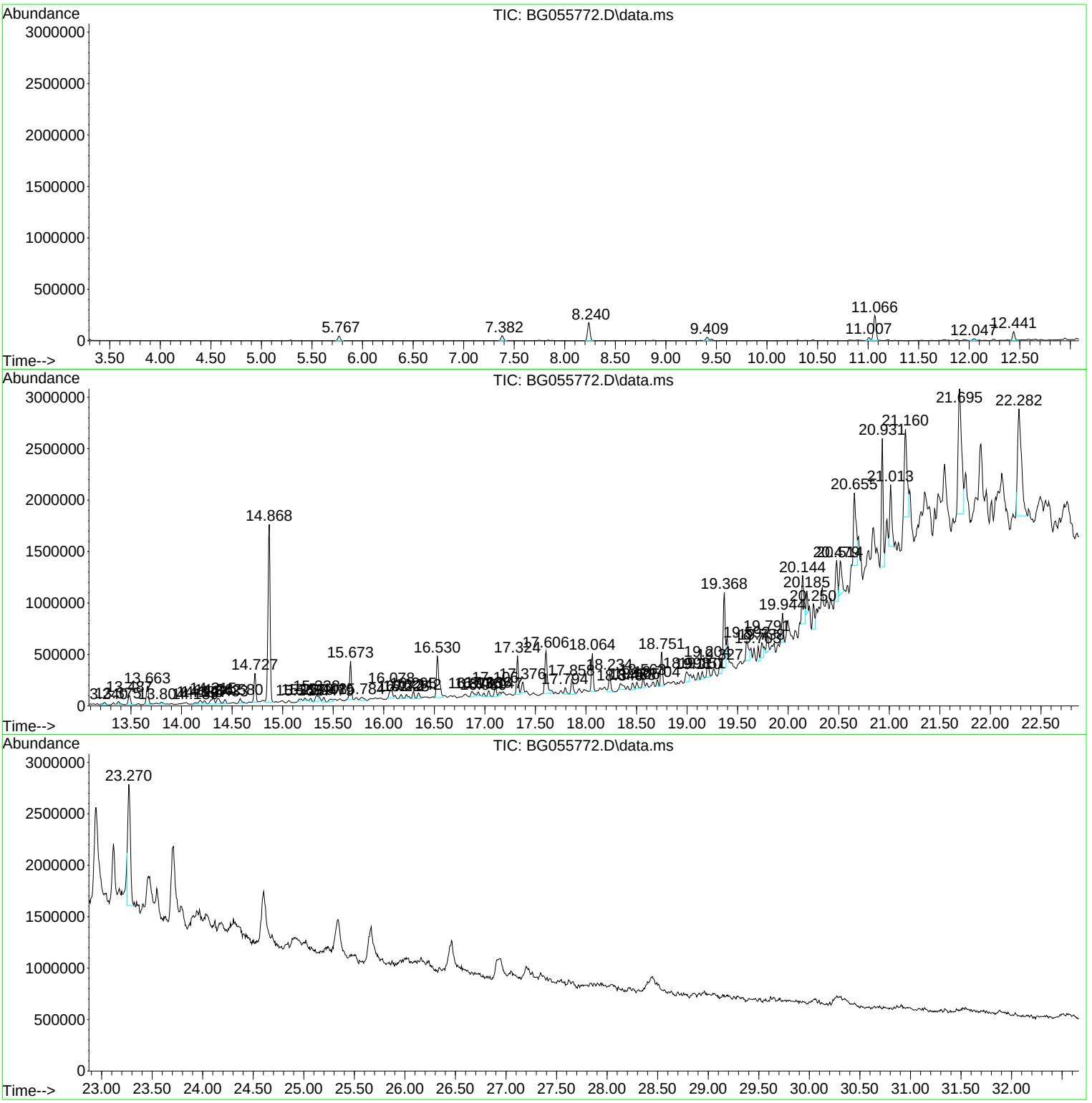
Operator : CG/JU
Sample : N5692-03 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HS-SPILL-DRUM-11-16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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\BG112322\
Data File : BG055772.D
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Operator : CG/JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HS-SPILL-DRUM-11-16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

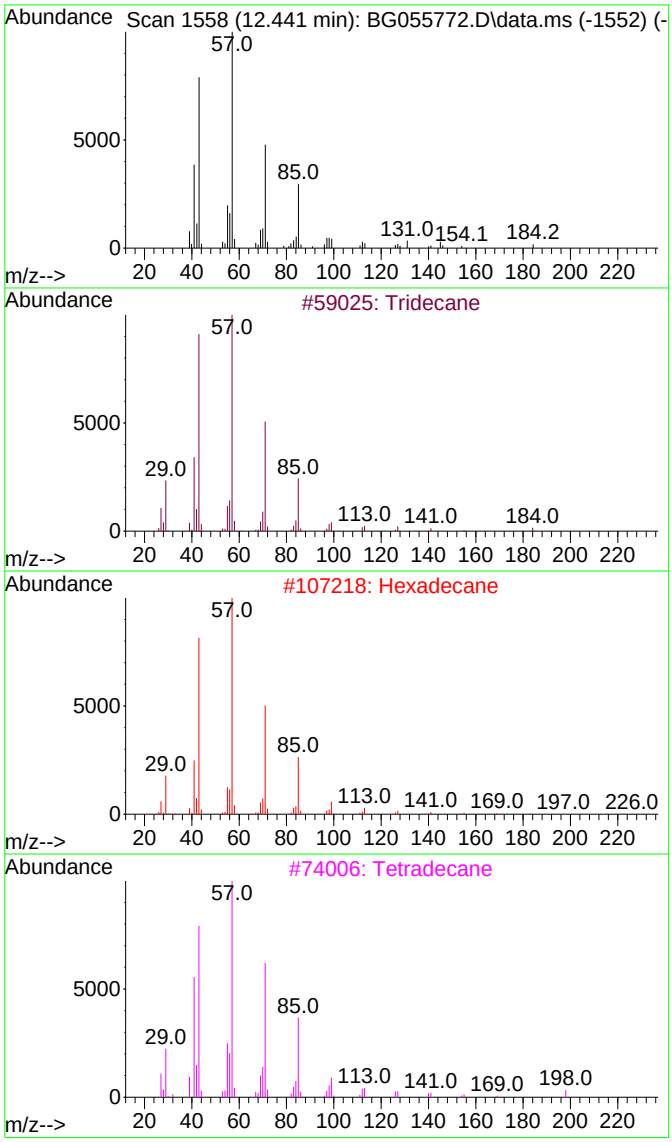
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

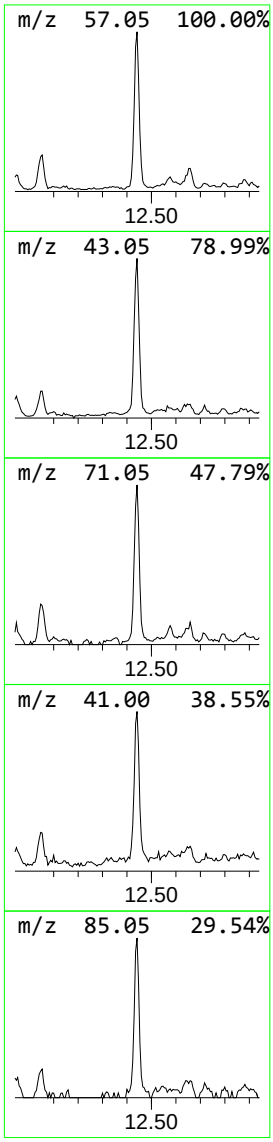
****

Peak Number 1 Tridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.441	5.93 ng	127641	Naphthalene-d8	11.066

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Hexadecane	226	C16H34	000544-76-3	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Dodecane	170	C12H26	000112-40-3	86
5	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112322\
Data File : BG055772.D
Acq On : 24 Nov 2022 2:28
Operator : CG/JU
Sample : N5692-03 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HS-SPILL-DRUM-11-16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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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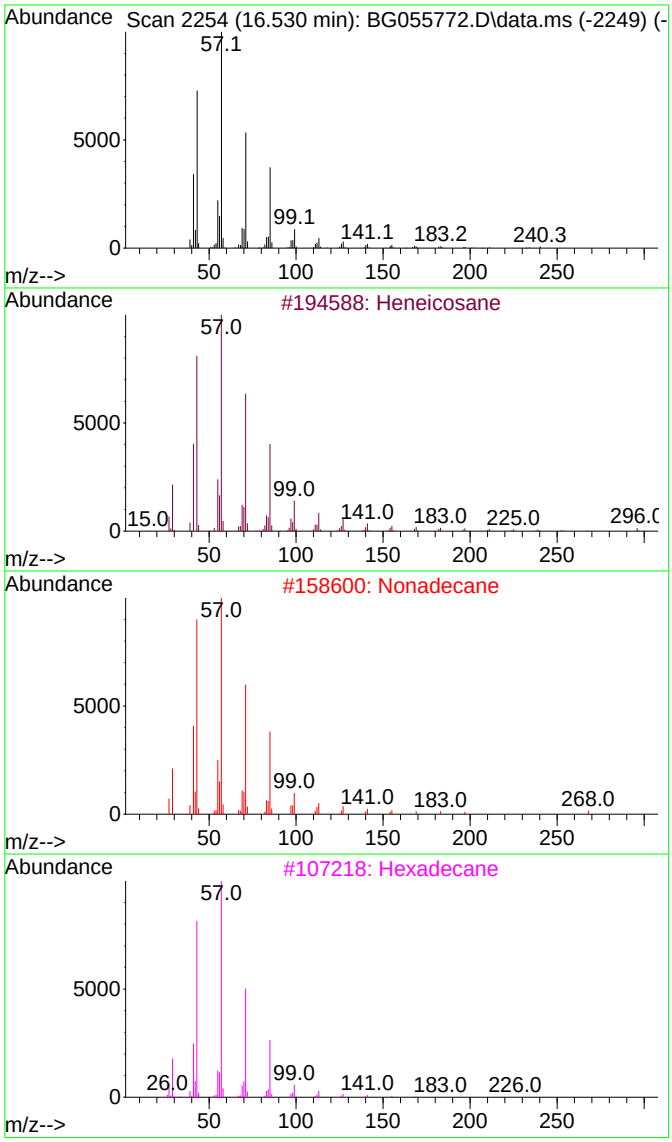
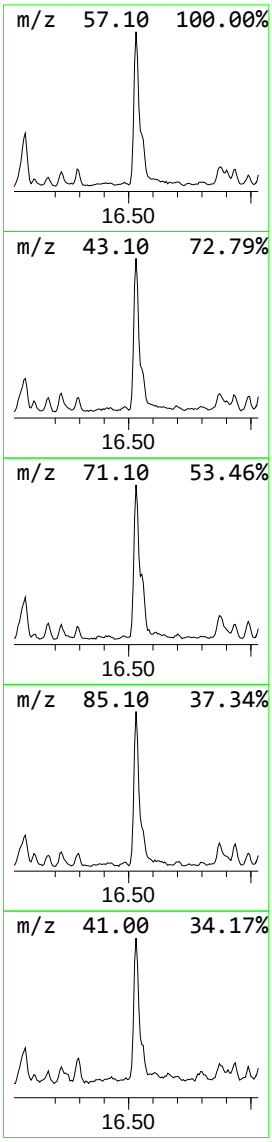
Peak Number 2 Heneicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.530	20.33 ng	707065	Phenanthrene-d10	17.606

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Nonadecane	268	C19H40	000629-92-5	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Heptadecane	240	C17H36	000629-78-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112322\
Data File : BG055772.D
Acq On : 24 Nov 2022 2:28
Operator : CG/JU
Sample : N5692-03 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HS-SPILL-DRUM-11-16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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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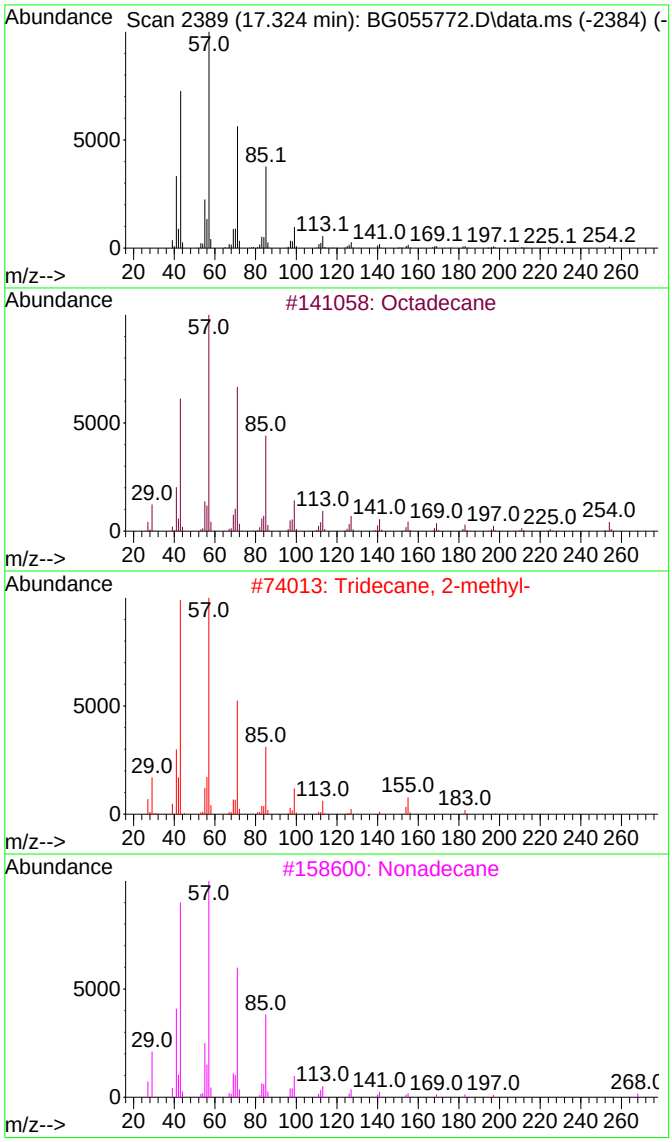
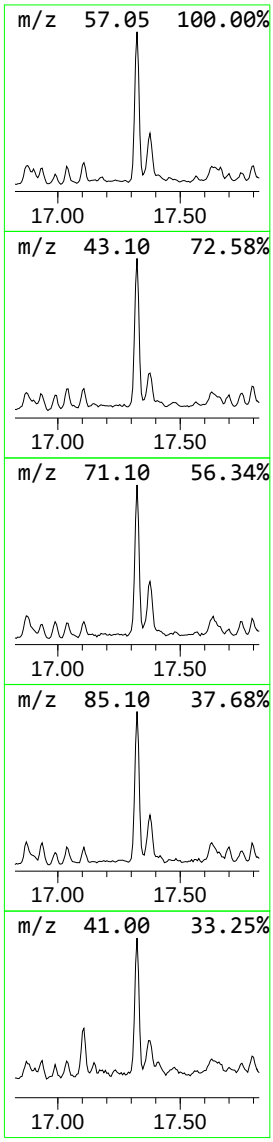
Peak Number 3 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.324	13.32 ng	463159	Phenanthrene-d10	17.606

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
3	Nonadecane	268	C19H40	000629-92-5	87
4	Tetradecane	198	C14H30	000629-59-4	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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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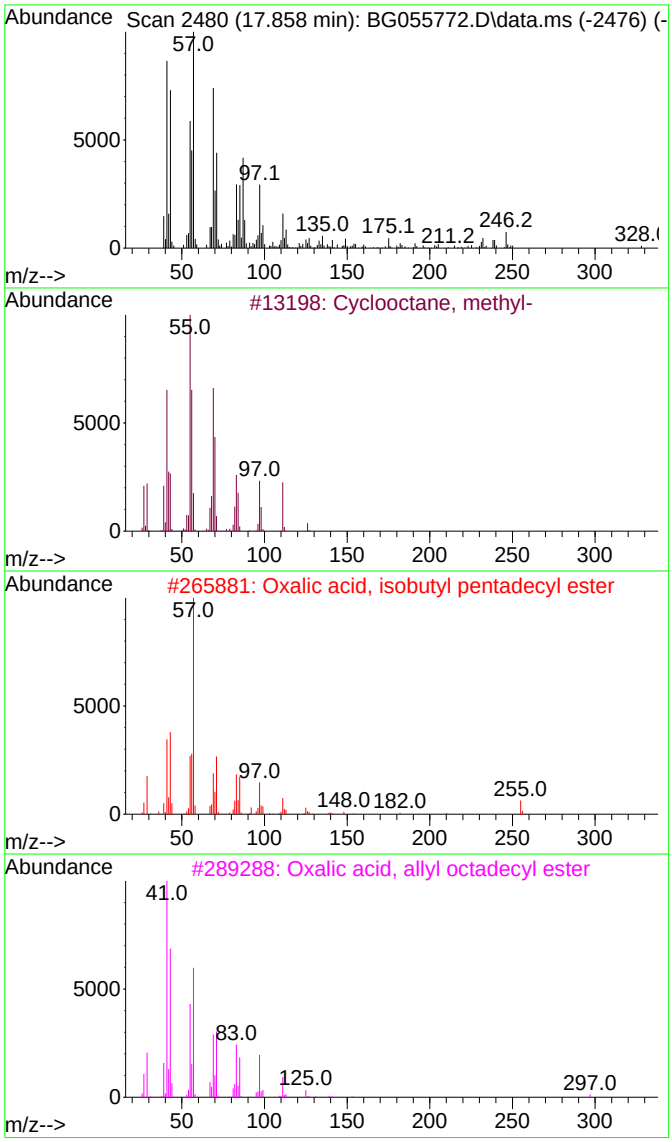
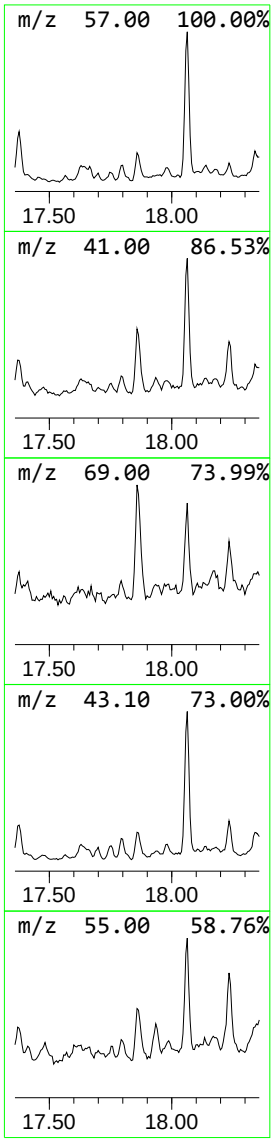
Peak Number 4 Cyclooctane, methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.858	6.72 ng	233664	Phenanthrene-d10	17.606

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, methyl-	126	C9H18	001502-38-1	53
2	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	43
3	Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	30
4	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	30
5	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	30





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Instrument :
BNA_G
ClientSampleId :
HS-SPILL-DRUM-11-16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

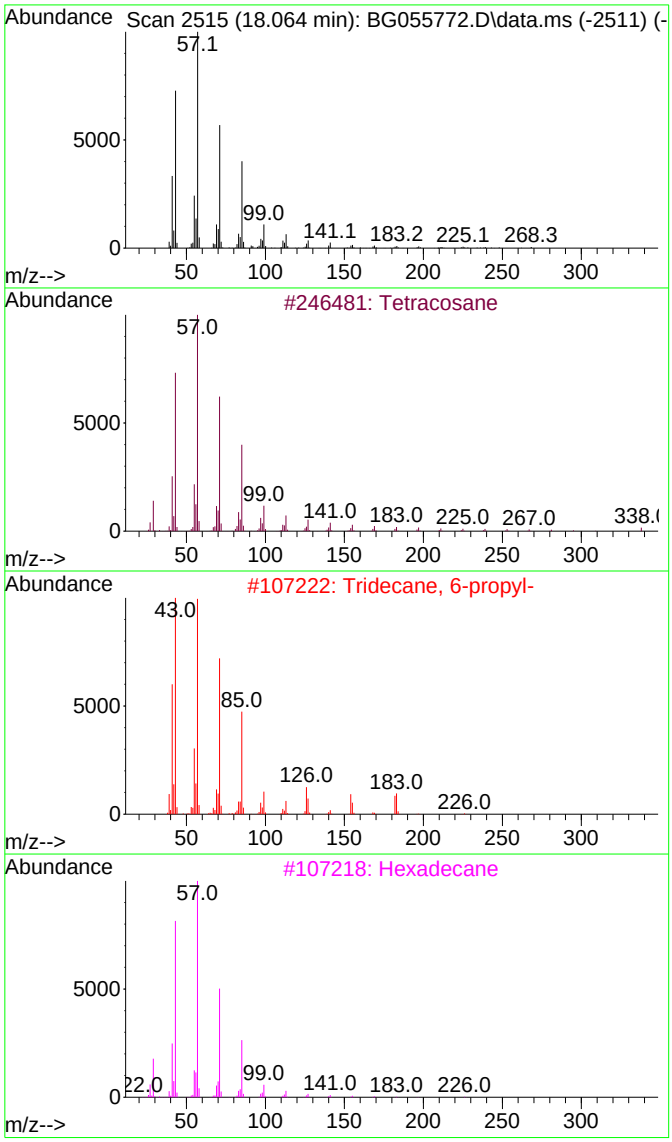
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

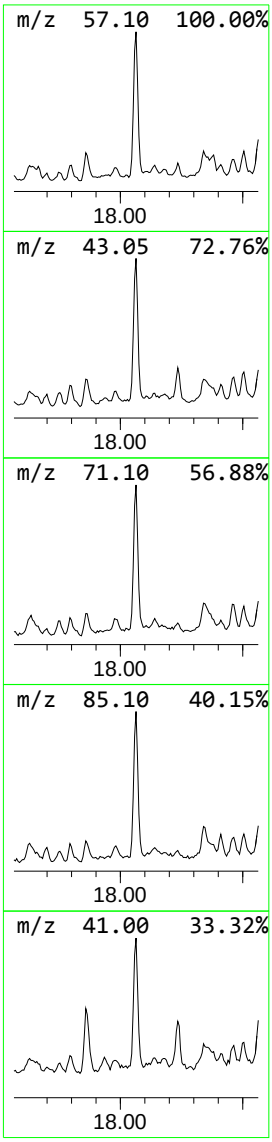
****

Peak Number 5 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.064	12.75 ng	443293	Phenanthrene-d10	17.606

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87





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Data File : BG055772.D
Acq On : 24 Nov 2022 2:28
Operator : CG/JU
Sample : N5692-03 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HS-SPILL-DRUM-11-16

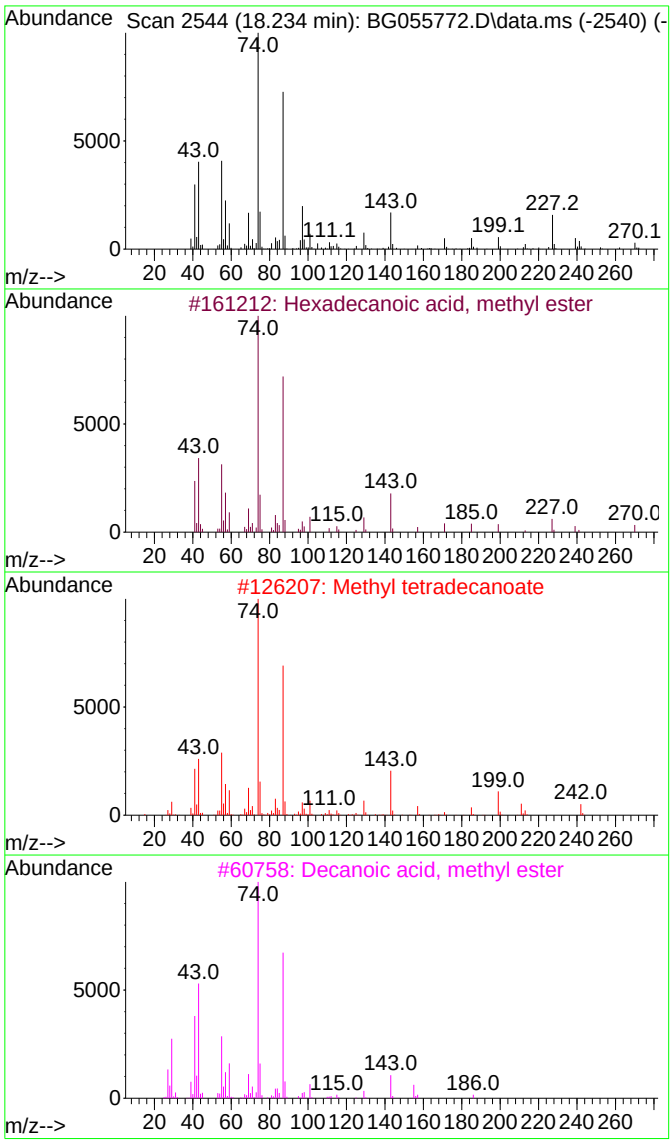
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

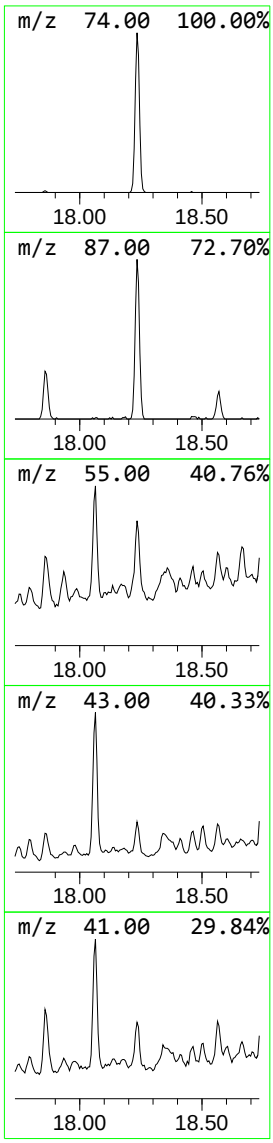
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Hexadecanoic acid, methyl e... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.234	7.12 ng	247533	Phenanthrene-d10	17.606

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	96
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	81
3	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	76
4	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	76
5	Methyl 8-methyl-decanoate	200	C12H24O2	1010336-49-1	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112322\
Data File : BG055772.D
Acq On : 24 Nov 2022 2:28
Operator : CG/JU
Sample : N5692-03 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HS-SPILL-DRUM-11-16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

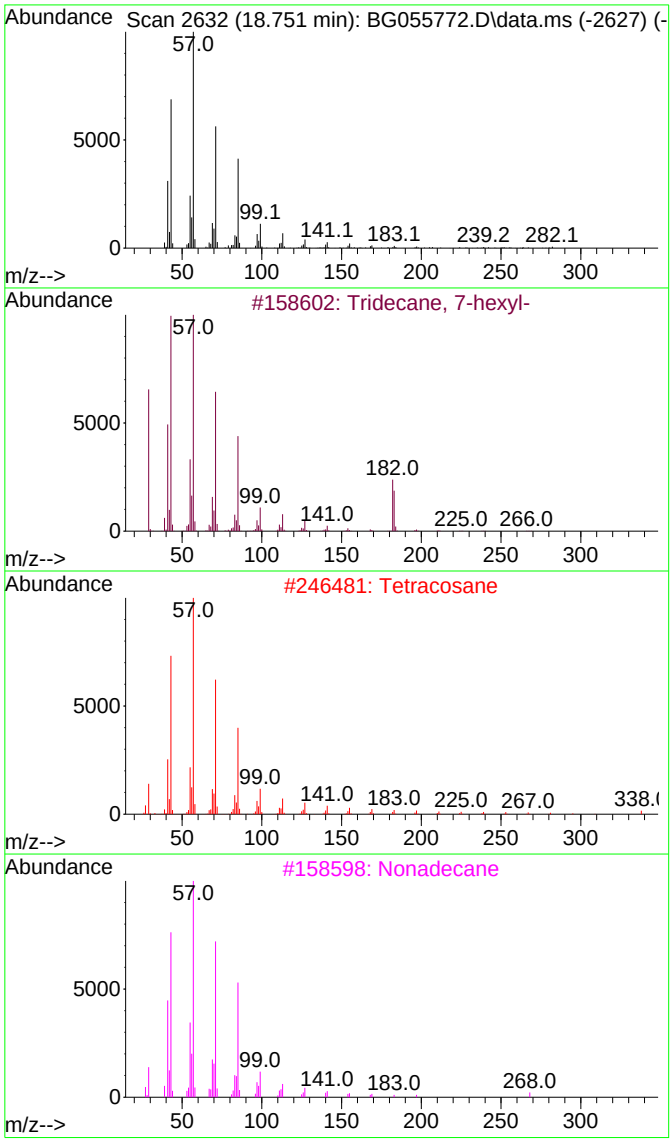
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

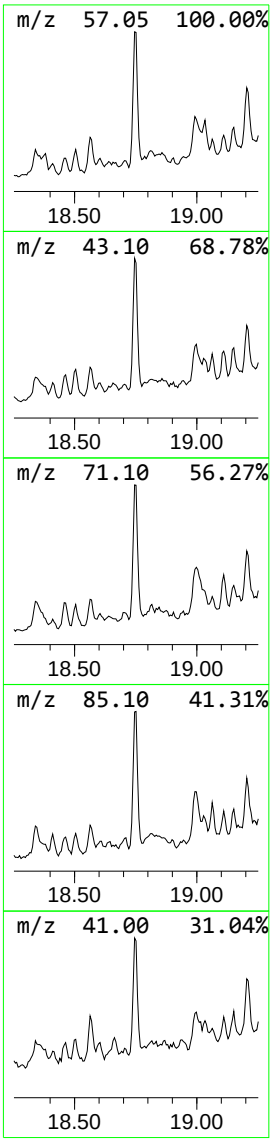
****

Peak Number 7 Tridecane, 7-hexyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.751	12.07 ng	419858	Phenanthrene-d10	17.606

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Nonadecane	268	C19H40	000629-92-5	90
4	Hexadecane	226	C16H34	000544-76-3	87
5	Pentadecane	212	C15H32	000629-62-9	87





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Operator : CG/JU
Sample : N5692-03 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HS-SPILL-DRUM-11-16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

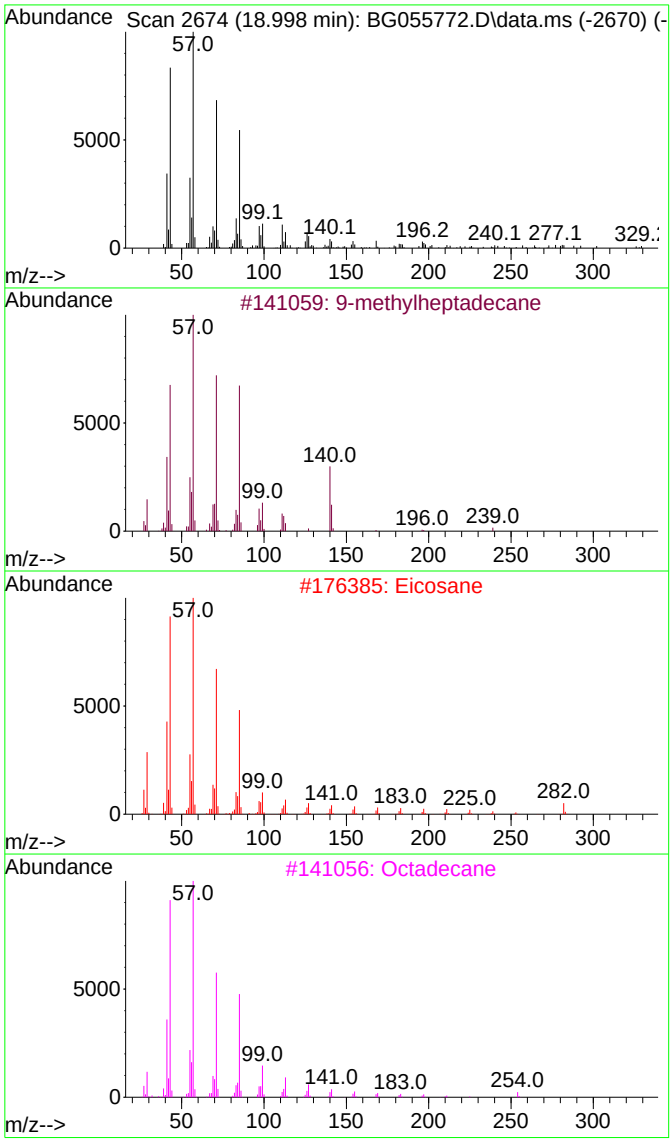
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

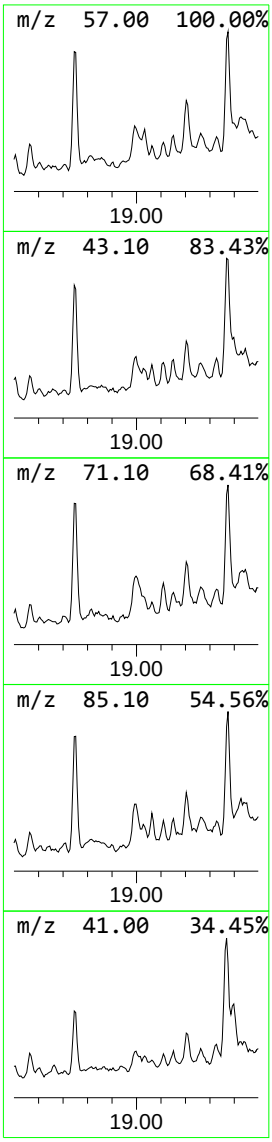
****

Peak Number 8 9-methylheptadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.998	5.86 ng	203778	Phenanthrene-d10	17.606

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-methylheptadecane	254	C18H38	026741-18-4	86
2	Eicosane	282	C20H42	000112-95-8	78
3	Octadecane	254	C18H38	000593-45-3	74
4	Nonadecane	268	C19H40	000629-92-5	74
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	74





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Instrument :
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ClientSampleId :
HS-SPILL-DRUM-11-16

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

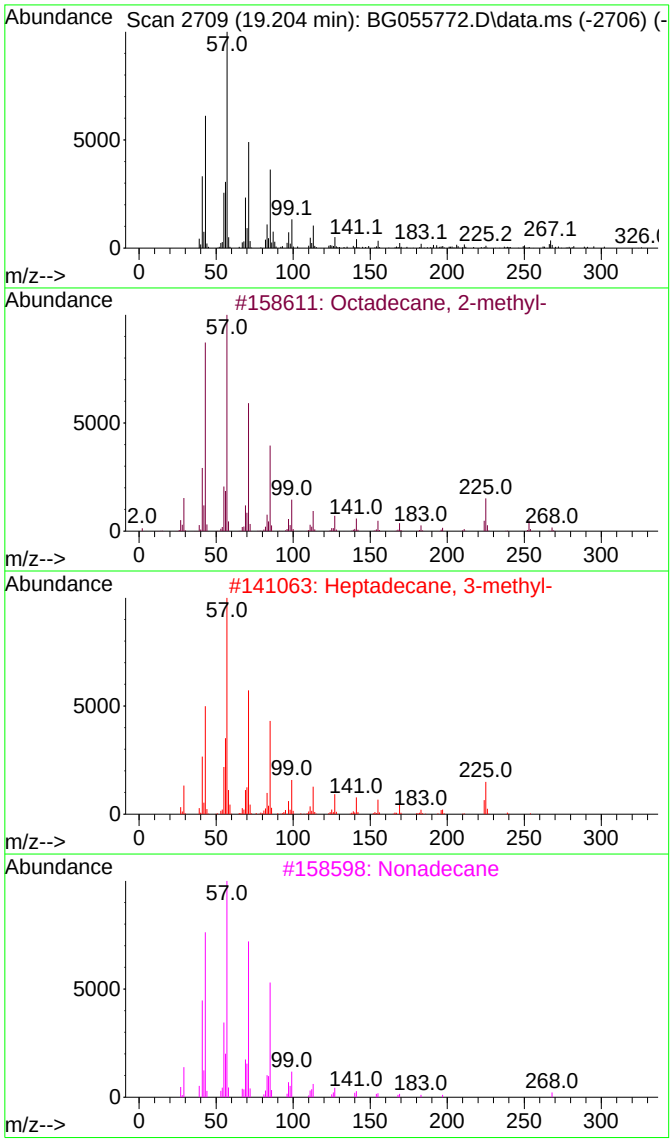
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

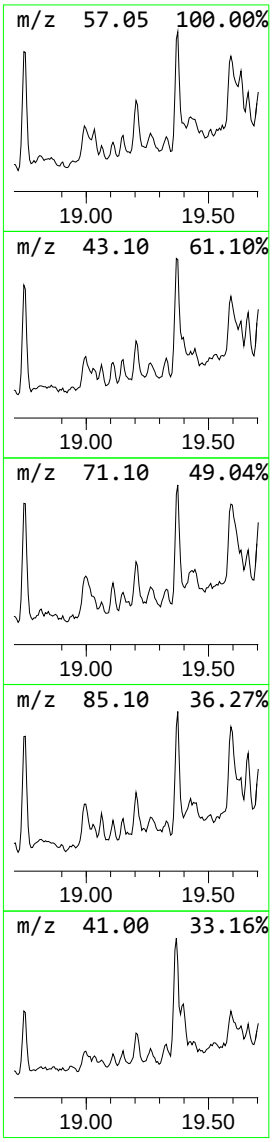
****

Peak Number 9 Octadecane, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.204	6.14 ng	213507	Phenanthrene-d10	17.606

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
2	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	87
3	Nonadecane	268	C19H40	000629-92-5	86
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	83
5	Hentriacontane	437	C31H64	000630-04-6	74





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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HS-SPILL-DRUM-11-16

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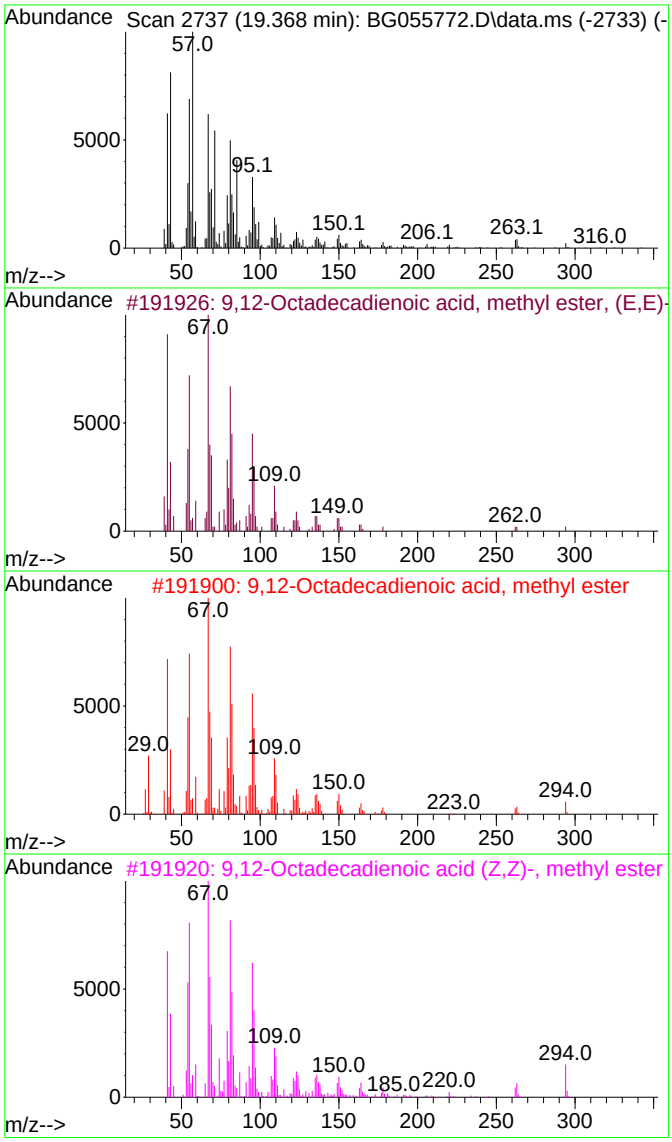
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

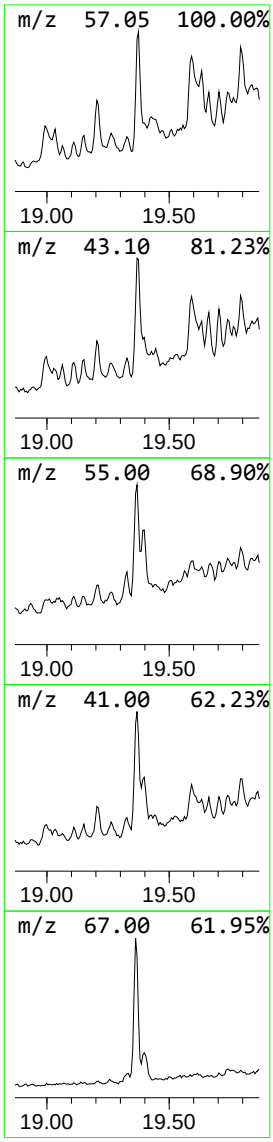
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.368	28.76 ng	1000110	Phenanthrene-d10	17.606

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	95
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	89
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	78
4	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	64
5	Heneicosane	296	C21H44	000629-94-7	60





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HS-SPILL-DRUM-11-16

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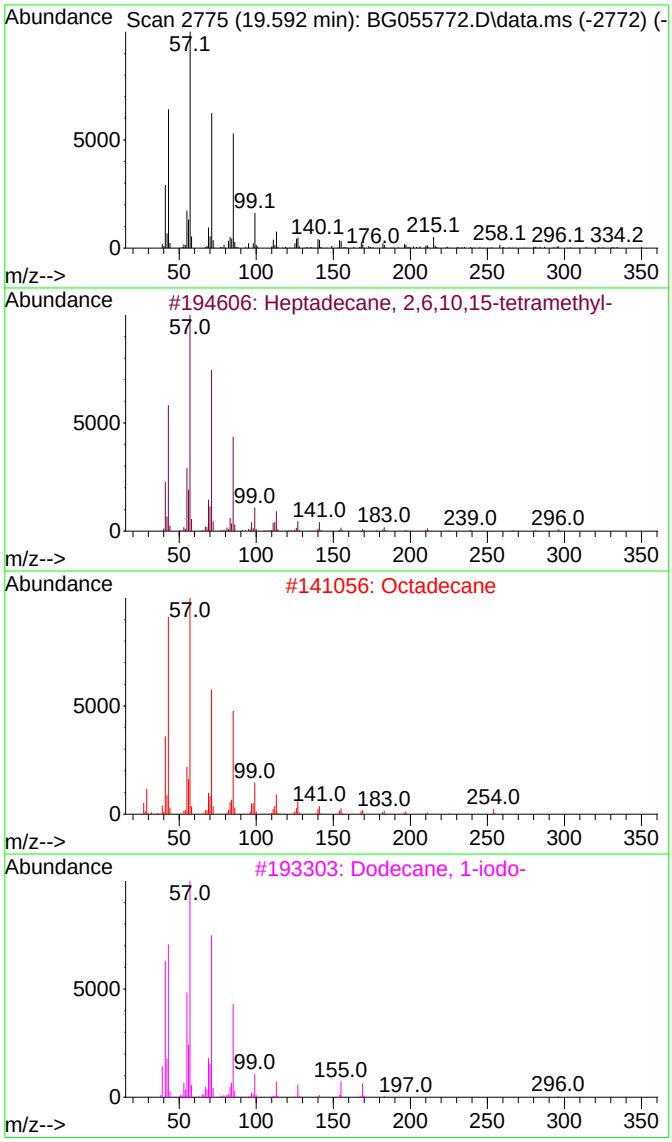
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

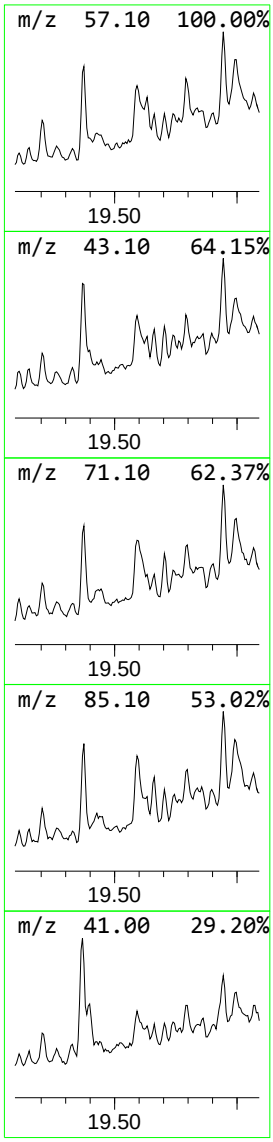
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Heptadecane, 2,6,10,15-tetr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.592	10.67 ng	370906	Phenanthrene-d10	17.606

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2	Octadecane	254	C18H38	000593-45-3	80
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4	Heptadecane	240	C17H36	000629-78-7	80
5	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	72





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Instrument :
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ClientSampleId :
HS-SPILL-DRUM-11-16

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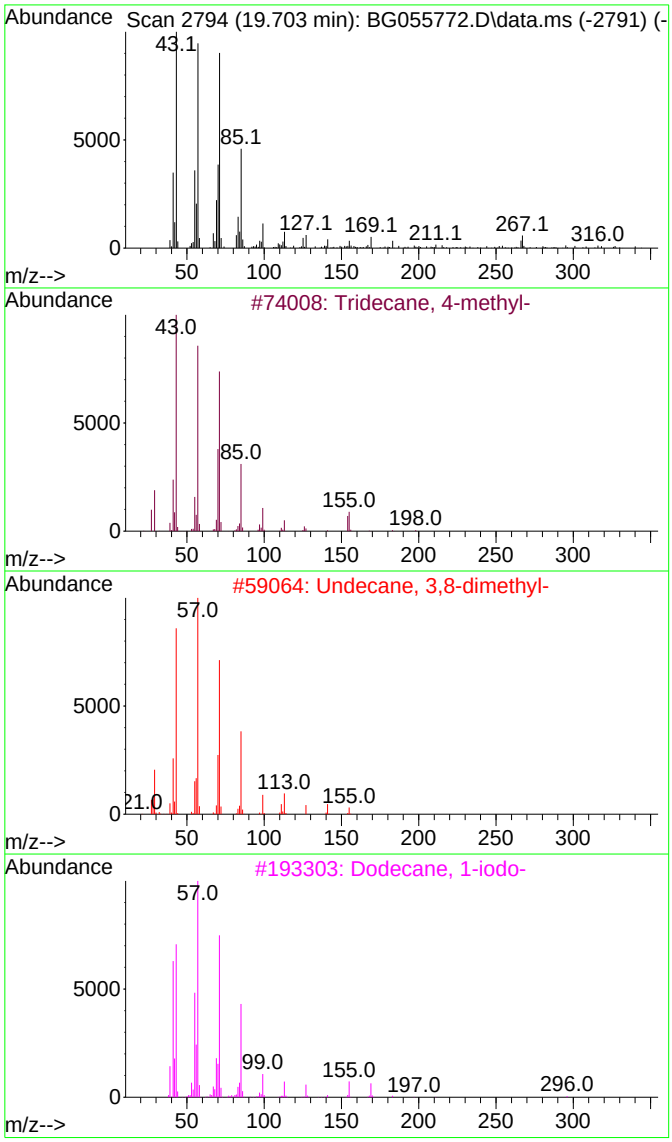
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

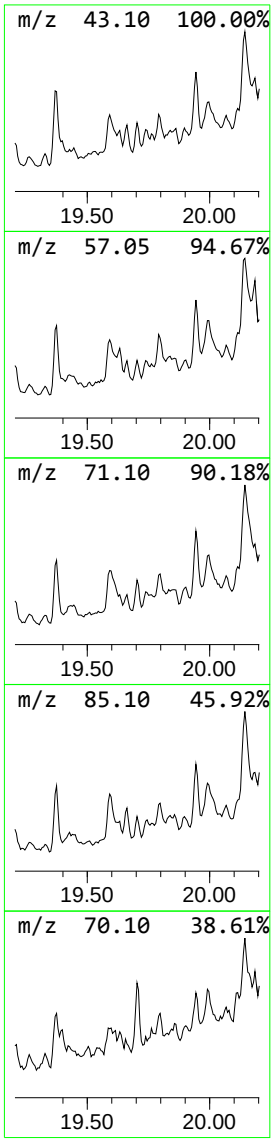
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Tridecane, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.703	4.72 ng	164162	Phenanthrene-d10	17.606

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 4-methyl-	198	C14H30	026730-12-1	87
2	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	86
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	78
4	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	76
5	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	74





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HS-SPILL-DRUM-11-16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

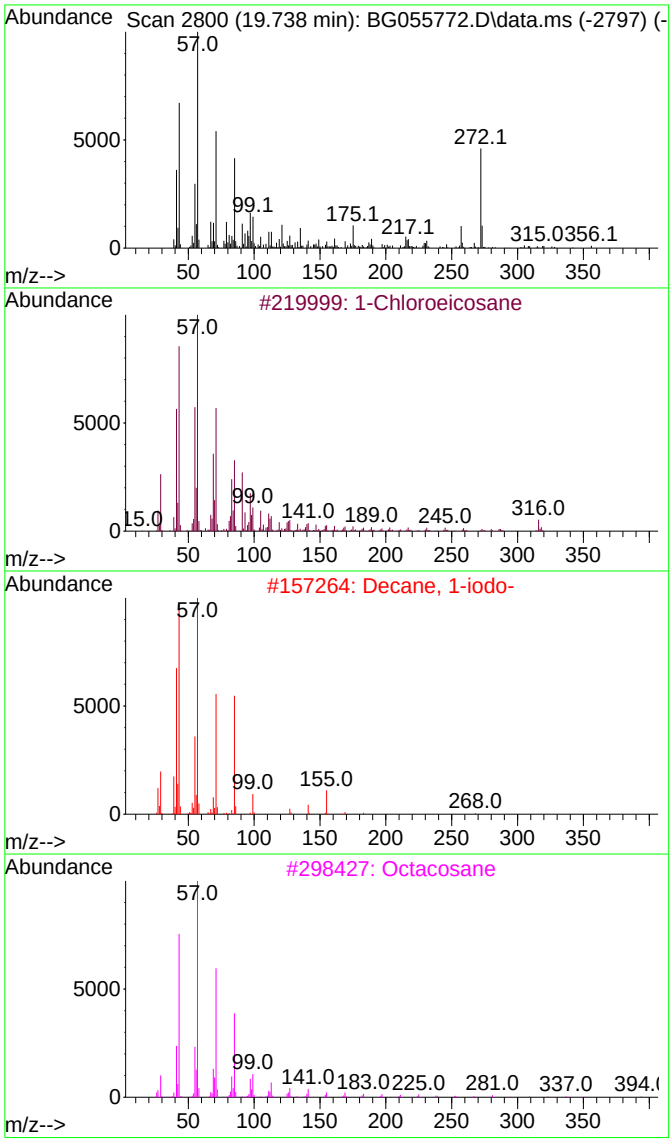
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

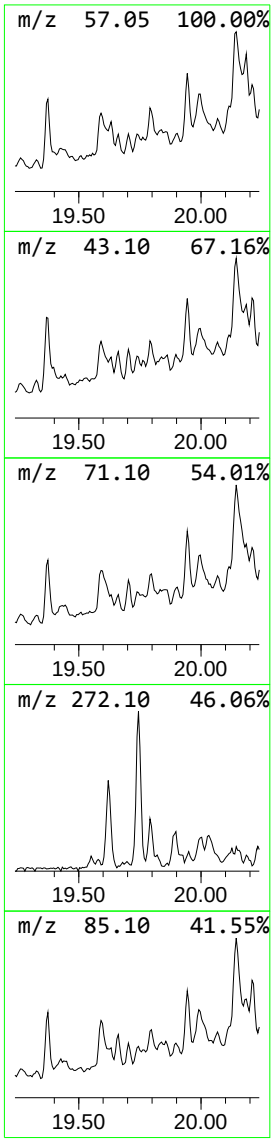
****

Peak Number 13 unknown19.738 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.738	6.36 ng	221211	Phenanthrene-d10	17.606

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Chloroeicosane	316	C20H41Cl	042217-02-7	46
2	Decane, 1-iodo-	268	C10H21I	002050-77-3	46
3	Octacosane	394	C28H58	000630-02-4	41
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	41
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	41





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HS-SPILL-DRUM-11-16

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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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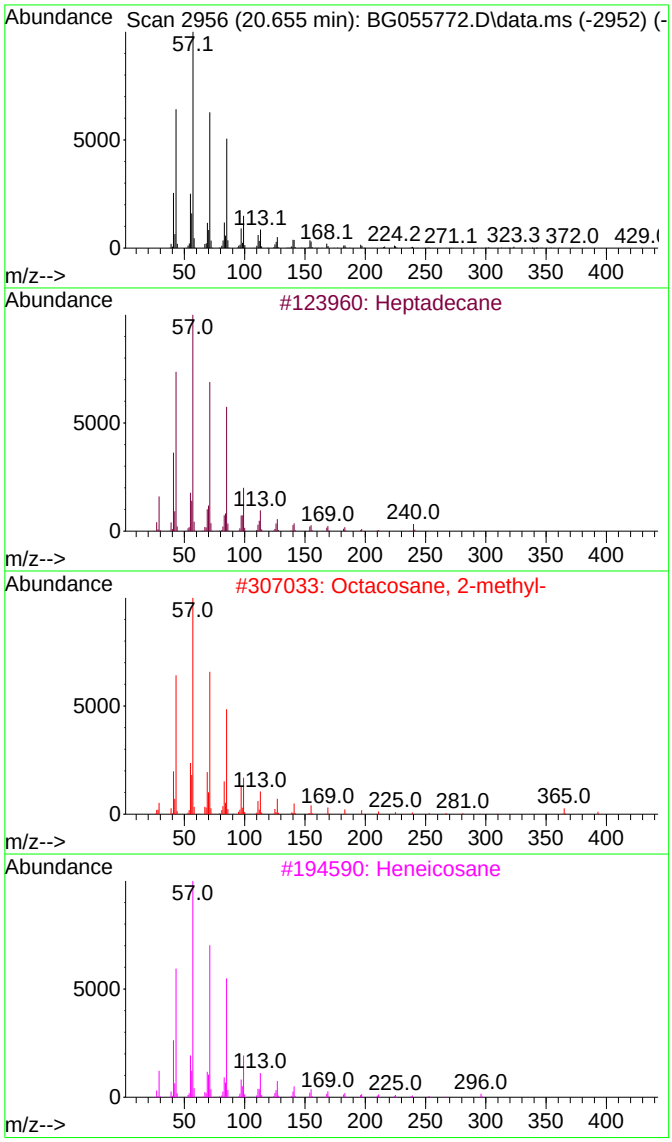
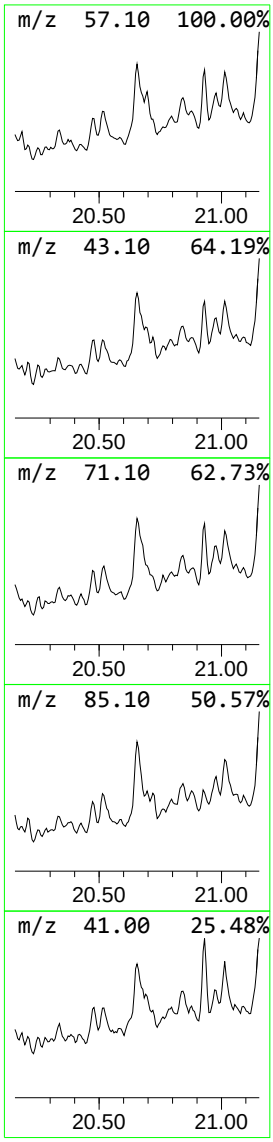
Peak Number 14 Heptadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.655	8.99 ng	1308480	Chrysene-d12	21.906

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	87
2	Octacosane, 2-methyl-	408	C29H60	001560-98-1	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	86
5	Pentacosane	352	C25H52	000629-99-2	76





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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HS-SPILL-DRUM-11-16

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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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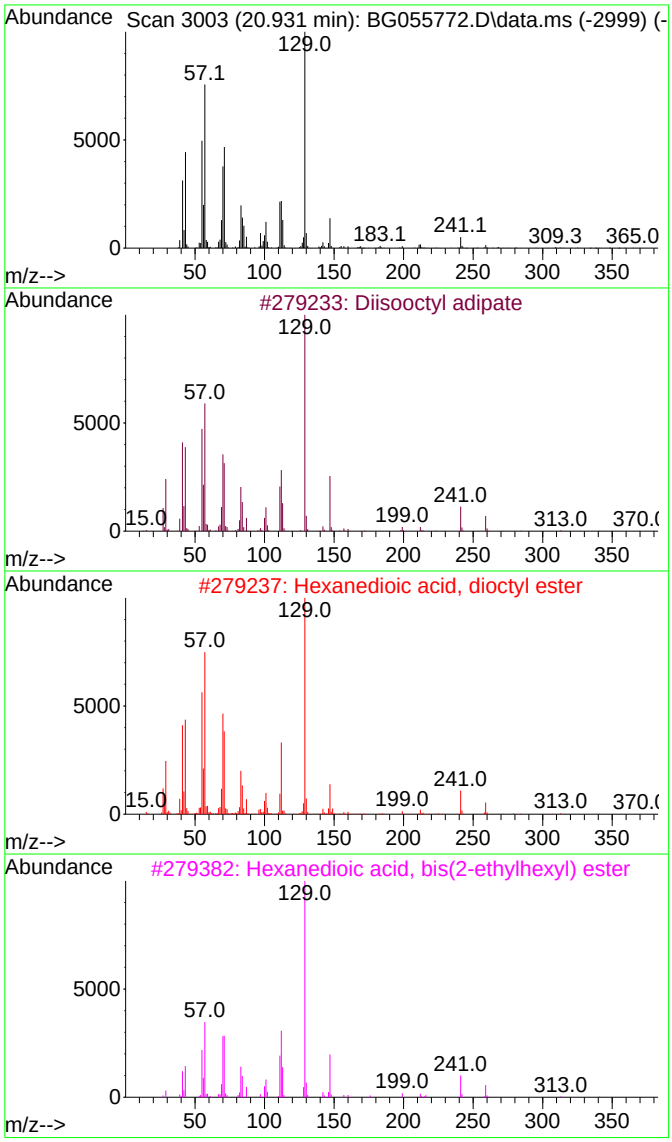
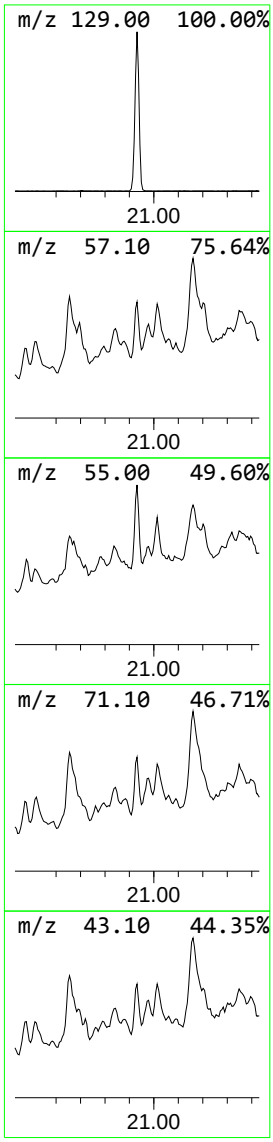
Peak Number 15 Diisooctyl adipate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.931	10.75 ng	1565420	Chrysene-d12	21.906

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisooctyl adipate	370	C22H42O4	001330-86-5	90
2	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	83
3	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	83
4	Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	52
5	Adipic acid, 2-ethylhexyl isohex...	342	C20H38O4	1000324-48-3	47





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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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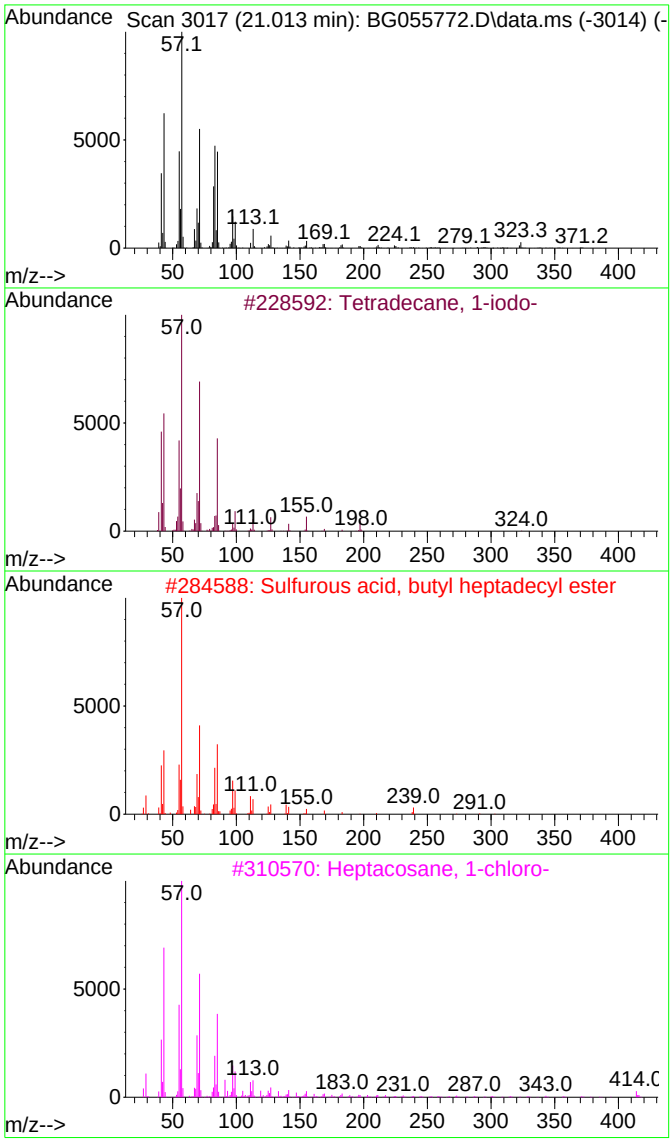
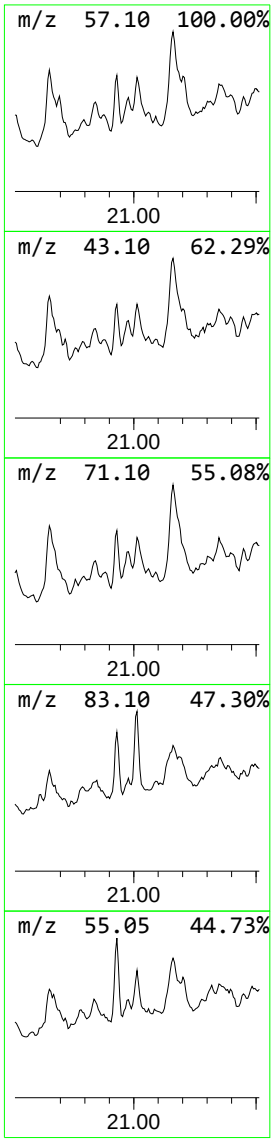
Peak Number 16 Tetradecane, 1-iodo- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.013	5.78 ng	841909	Chrysene-d12	21.906

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	78
2	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	68
3	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	62
4	Hexacosane	366	C26H54	000630-01-3	62
5	Tritetracontane	605	C43H88	007098-21-7	58





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ClientSampleId :
HS-SPILL-DRUM-11-16

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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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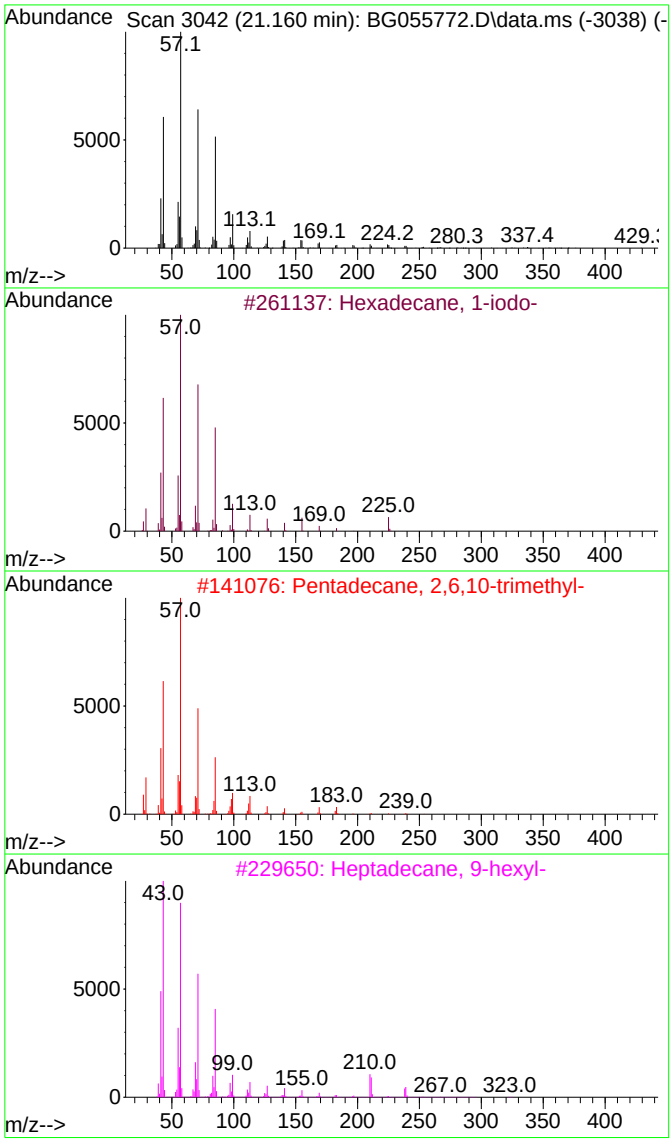
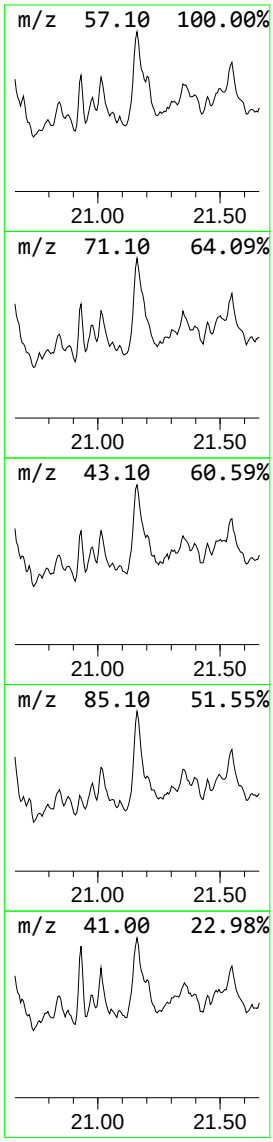
Peak Number 17 Hexadecane, 1-iodo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.160	11.59 ng	1687310	Chrysene-d12	21.906

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	83
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
3	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	80
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HS-SPILL-DRUM-11-16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

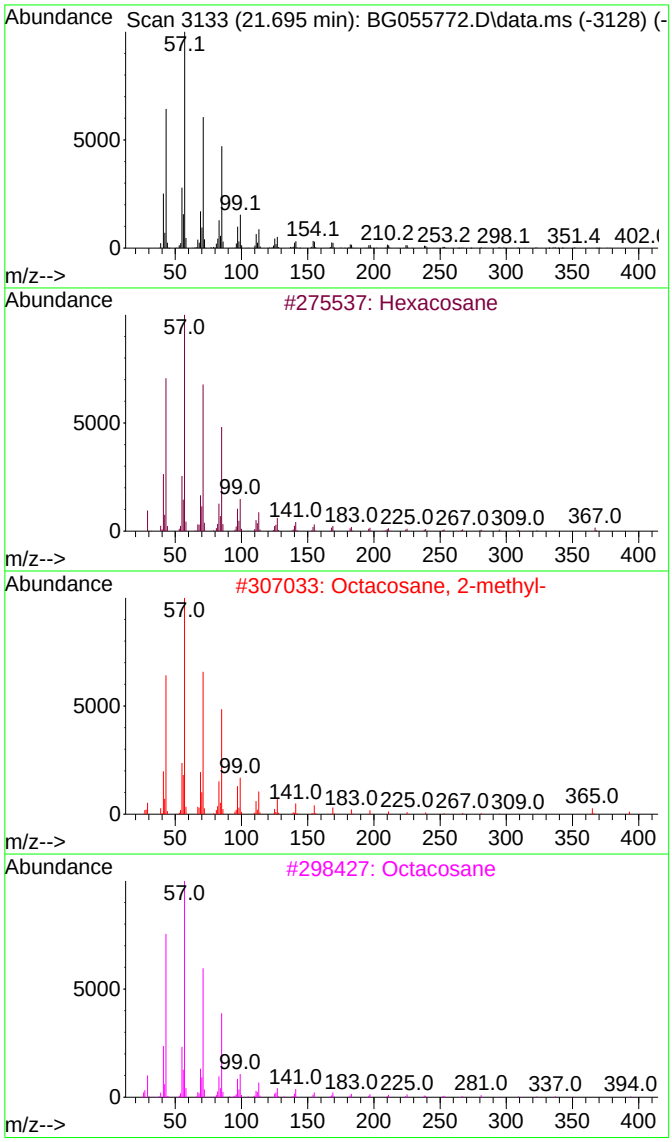
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

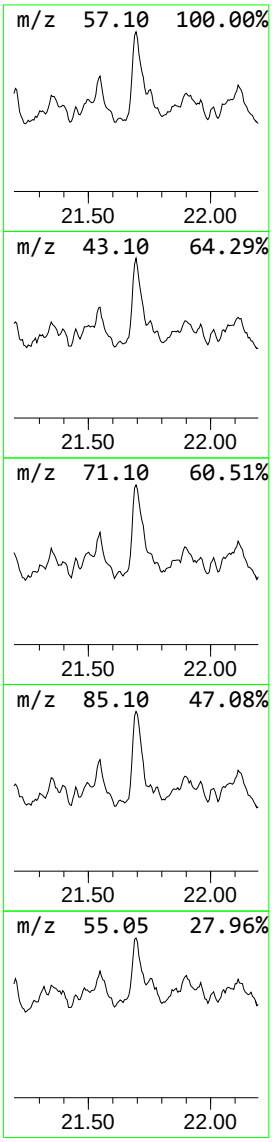
****

Peak Number 18 Hexacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.695	20.00 ng	2912170	Chrysene-d12	21.906

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Octacosane, 2-methyl-	408	C29H60	001560-98-1	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Tricosane	324	C23H48	000638-67-5	87
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86





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Data File : BG055772.D
Acq On : 24 Nov 2022 2:28
Operator : CG/JU
Sample : N5692-03 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HS-SPILL-DRUM-11-16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

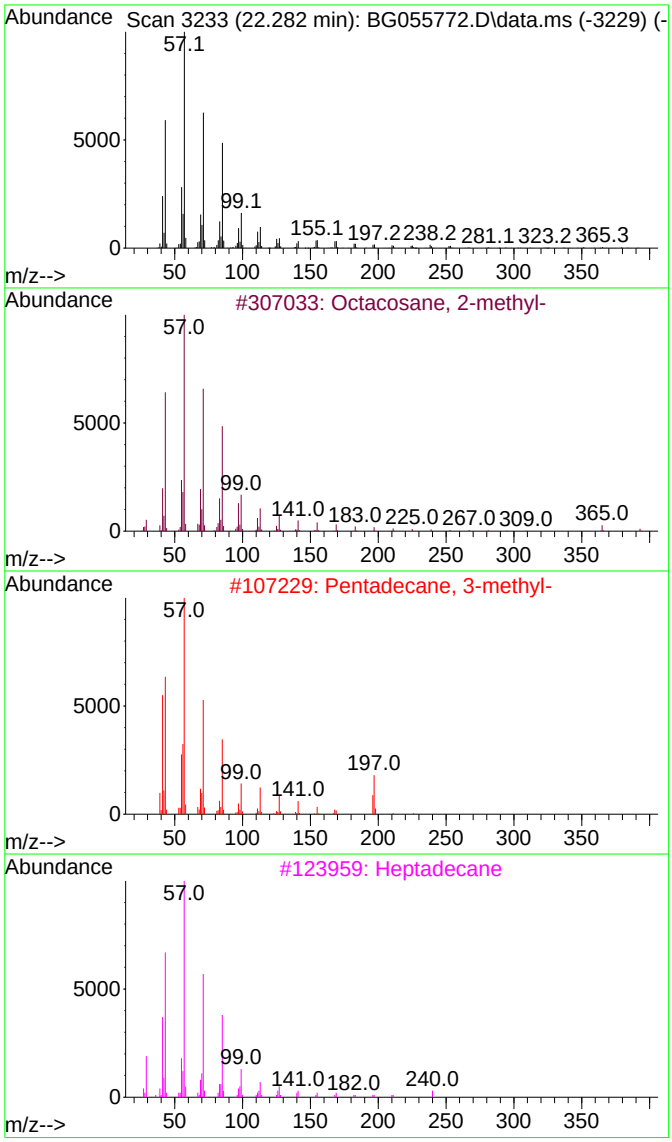
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

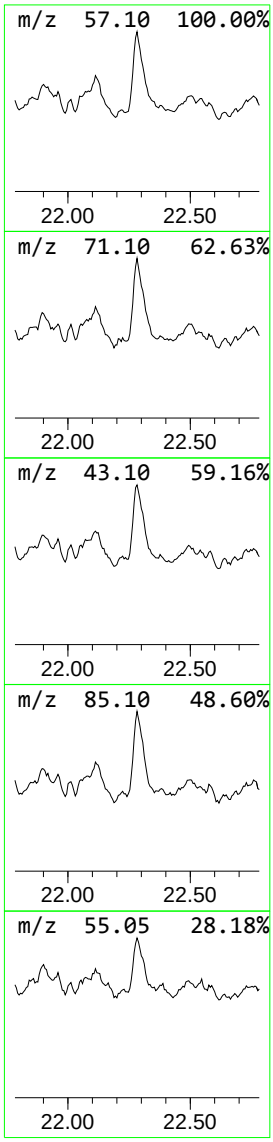
****

Peak Number 19 Octacosane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.282	18.72 ng	2725170	Chrysene-d12	21.906

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane, 2-methyl-	408	C29H60	001560-98-1	90
2	Pentadecane, 3-methyl-	226	C16H34	002882-96-4	87
3	Heptadecane	240	C17H36	000629-78-7	87
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
5	Heneicosane	296	C21H44	000629-94-7	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112322\
Data File : BG055772.D
Acq On : 24 Nov 2022 2:28
Operator : CG/JU
Sample : N5692-03 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HS-SPILL-DRUM-11-16

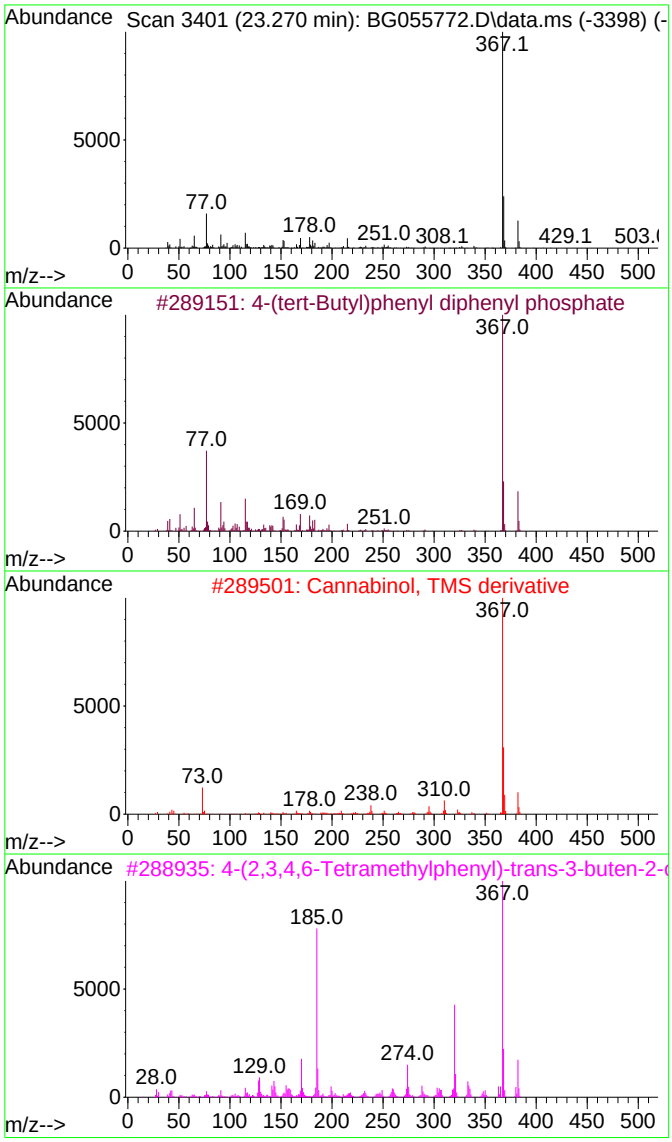
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

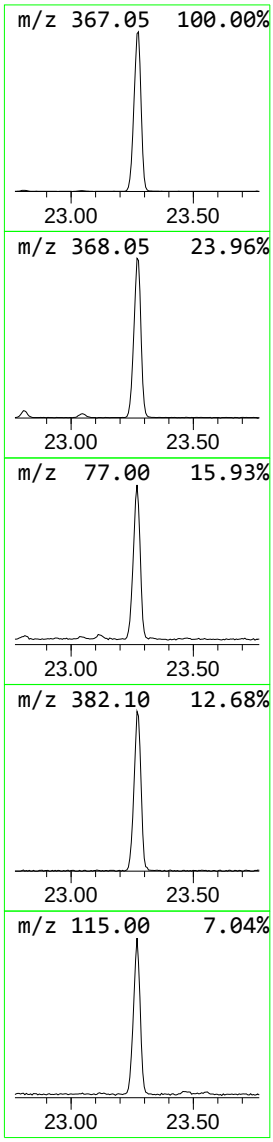
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 4-(tert-Butyl)phenyl diphen... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.270	14.33 ng	2087100	Chrysene-d12	21.906

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(tert-Butyl)phenyl diphenyl ph...	382	C22H23O4P	000981-40-8	90
2	Cannabinol, TMS derivative	382	C24H34O2Si	064846-18-0	80
3	4-(2,3,4,6-Tetramethylphenyl)-tr...	382	C20H22N4O4	1000243-17-2	64
4	8H-Dinaphtho[2,3-b:2',3'-g]carba...	367	C28H17N	003557-50-4	59
5	JWH 145	367	C26H25NO	914458-19-8	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112322\
Data File : BG055772.D
Acq On : 24 Nov 2022 2:28
Operator : CG/JU
Sample : N5692-03 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HS-SPILL-DRUM-11-16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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
Tridecane	12.441	5.9	ng	127641	2	11.066	430170	20.0
Heneicosane	16.530	20.3	ng	707065	4	17.606	695423	20.0
Octadecane	17.324	13.3	ng	463159	4	17.606	695423	20.0
Cyclooctane, me...	17.858	6.7	ng	233664	4	17.606	695423	20.0
Tetracosane	18.064	12.8	ng	443293	4	17.606	695423	20.0
Hexadecanoic ac...	18.234	7.1	ng	247533	4	17.606	695423	20.0
Tridecane, 7-he...	18.751	12.1	ng	419858	4	17.606	695423	20.0
9-methylheptade...	18.998	5.9	ng	203778	4	17.606	695423	20.0
Octadecane, 2-m...	19.204	6.1	ng	213507	4	17.606	695423	20.0
9,12-Octadecadi...	19.368	28.8	ng	1000110	4	17.606	695423	20.0
Heptadecane, 2,...	19.592	10.7	ng	370906	4	17.606	695423	20.0
Tridecane, 4-me...	19.703	4.7	ng	164162	4	17.606	695423	20.0
unknown19.738	19.738	6.4	ng	221211	4	17.606	695423	20.0
Heptadecane	20.655	9.0	ng	1308480	5	21.906	2912170	20.0
Diisooctyl adipate	20.931	10.8	ng	1565420	5	21.906	2912170	20.0
Tetradecane, 1-...	21.013	5.8	ng	841909	5	21.906	2912170	20.0
Hexadecane, 1-i...	21.160	11.6	ng	1687310	5	21.906	2912170	20.0
Hexacosane	21.695	20.0	ng	2912170	5	21.906	2912170	20.0
Octacosane, 2-m...	22.282	18.7	ng	2725170	5	21.906	2912170	20.0
4-(tert-Butyl)p...	23.270	14.3	ng	2087100	5	21.906	2912170	20.0