LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055583.D
Acq On : 12 Nov 2022 2:34
Operator : CG/JU
Sample : N5509-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-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-BG110922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055583.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.334	3	8	24	rVB	234443	535038	23.03%	2.522%
2	3.887	98	102	111	rBV	18818	31150	1.34%	0.147%
3	5.332	340	348	360	rVB	167390	273020	11.75%	1.287%
4	5.808	421	429	439	rBV	867584	1462578	62.96%	6.894%
5	7.412	693	702	711	rBV	886393	1547272	66.61%	7.293%
6	8.276	839	849	855	rBV	237537	410693	17.68%	1.936%
7	9.445	1041	1048	1058	rVB	529299	942170	40.56%	4.441%
8	11.108	1316	1331	1337	rBV	325518	619648	26.67%	2.921%
9	11.243	1345	1354	1359	rVB3	20628	47013	2.02%	0.222%
10	12.095	1493	1499	1504	rBV	46892	78521	3.38%	0.370%
11	12.371	1539	1546	1550	rBV10	12663	26361	1.13%	0.124%
12	12.482	1559	1565	1569	rBV8	15213	30281	1.30%	0.143%
13	12.700	1596	1602	1606	rBV5	19694	38078	1.64%	0.179%
14	12.958	1642	1646	1649	rVB2	20306	26151	1.13%	0.123%
15	13.111	1667	1672	1680	rBV9	19208	52070	2.24%	0.245%
16	13.423	1719	1725	1731	rBV	102967	163217	7.03%	0.769%
17	13.522	1735	1742	1752	rVB	1302302	1994761	85.87%	9.403%
18	13.705	1766	1773	1781	rBV4	45141	120073	5.17%	0.566%
19	13.940	1811	1813	1820	rVB6	19594	29304	1.26%	0.138%
20	14.222	1857	1861	1865	rVB4	35583	52916	2.28%	0.249%
21	14.269	1865	1869	1874	rVB5	34313	53994	2.32%	0.255%
22	14.321	1874	1878	1880	rBV2	58267	84938	3.66%	0.400%
23	14.357	1880	1884	1888	rVB2	154356	208077	8.96%	0.981%
24	14.404	1888	1892	1896	rBV3	18391	33401	1.44%	0.157%
25	14.639	1925	1932	1938	rBV7	34725	98494	4.24%	0.464%
26	14.727	1943	1947	1950	rVV4	41969	60321	2.60%	0.284%
27	14.768	1950	1954	1958	rVV	42292	54125	2.33%	0.255%
28	14.844	1963	1967	1969	rBV4	34210	52676	2.27%	0.248%
29	14.891	1970	1975	1981	rVV	476225	764919	32.93%	3.606%
30	14.962	1981	1987	1993	rVV3	49147	100060	4.31%	0.472%
31	15.103	2006	2011	2018	rVB4	35170	78537	3.38%	0.370%
32	15.285	2035	2042	2047	rBV3	48664	118400	5.10%	0.558%
33	15.385	2056	2059	2065	rVB3	41982	77968	3.36%	0.368%
34	15.502	2076	2079	2084	rVB4	34079	49395	2.13%	0.233%
35	15.708	2111	2114	2119	rVB	86099	109193	4.70%	0.515%
36	15.773	2121	2125	2129	rVB4	21312	33988	1.46%	0.160%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055583.D
Acq On : 12 Nov 2022 2:34
Operator : CG/JU
Sample : N5509-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-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-BG110922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.937	2148	2153	2157	rBV	65092	102179	4.40%	0.482%
38	16.113	2177	2183	2193	rVB	116716	254816	10.97%	1.201%
39	16.337	2218	2221	2222	rBV2	27423	32194	1.39%	0.152%
40	16.372	2222	2227	2236	rVB	1000142	1508316	64.93%	7.110%
41	16.595	2257	2265	2271	rBV	215551	432160	18.60%	2.037%
42	16.983	2328	2331	2337	rVB5	38479	66040	2.84%	0.311%
43	17.365	2392	2396	2400	rBV	77439	94450	4.07%	0.445%
44	17.418	2401	2405	2409	rBV	98981	141498	6.09%	0.667%
45	17.635	2436	2442	2446	rBV	540482	839287	36.13%	3.956%
46	17.676	2446	2449	2455	rVB	226756	319528	13.75%	1.506%
47	17.764	2461	2464	2470	rBV	37901	54449	2.34%	0.257%
48	18.029	2506	2509	2514	rVV6	35875	54847	2.36%	0.259%
49	18.105	2518	2522	2527	rVB	77097	104569	4.50%	0.493%
50	18.493	2584	2588	2594	rBV2	280584	440590	18.97%	2.077%
51	18.552	2595	2598	2603	rVB	65154	100156	4.31%	0.472%
52	18.699	2618	2623	2628	rBV3	77523	160383	6.90%	0.756%
53	18.787	2635	2638	2644	rVB	56401	68970	2.97%	0.325%
54	19.410	2740	2744	2748	rBV2	108034	144416	6.22%	0.681%
55	19.674	2784	2789	2793	rBV	399658	567381	24.42%	2.674%
56	19.721	2793	2797	2800	rVV2	76618	103045	4.44%	0.486%
57	19.750	2800	2802	2809	rVB4	90872	120267	5.18%	0.567%
58	20.032	2846	2850	2858	rVB	430680	631300	27.18%	2.976%
59	20.220	2877	2882	2887	rVB	1795004	2323039	100.00%	10.950%
60	20.514	2929	2932	2937	rVB2	122674	166686	7.18%	0.786%
61	21.537	3103	3106	3112	rVB	193947	270964	11.66%	1.277%
62	21.936	3166	3174	3179	rBV2	507174	1281506	55.17%	6.041%
63	21.983	3179	3182	3191	rVB	221030	373240	16.07%	1.759%

Sum of corrected areas: 21215077

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055583.D
Acq On : 12 Nov 2022 2:34
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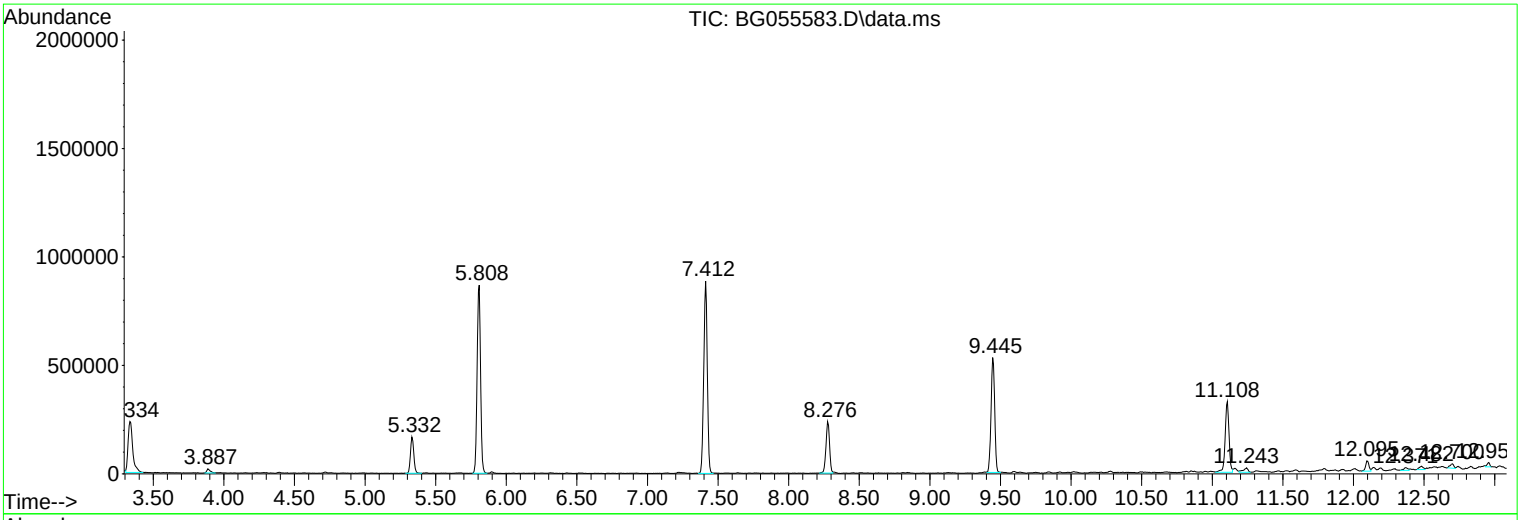
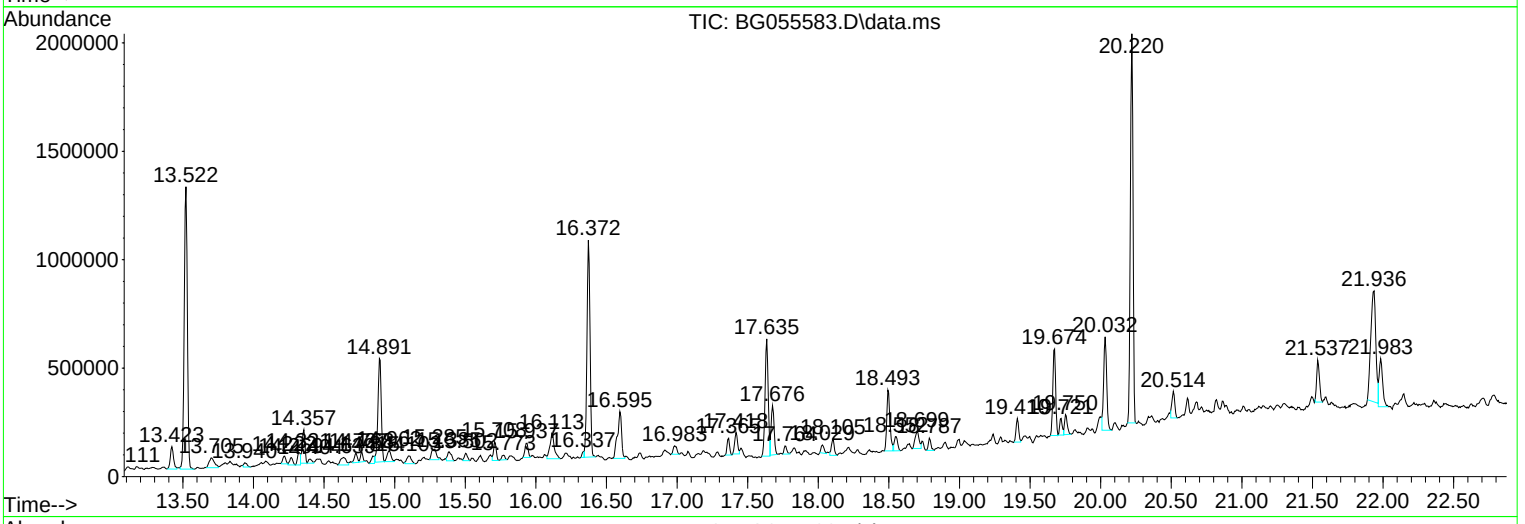
Misc :
ALS Vial : 16 Sample Multiplier: 1

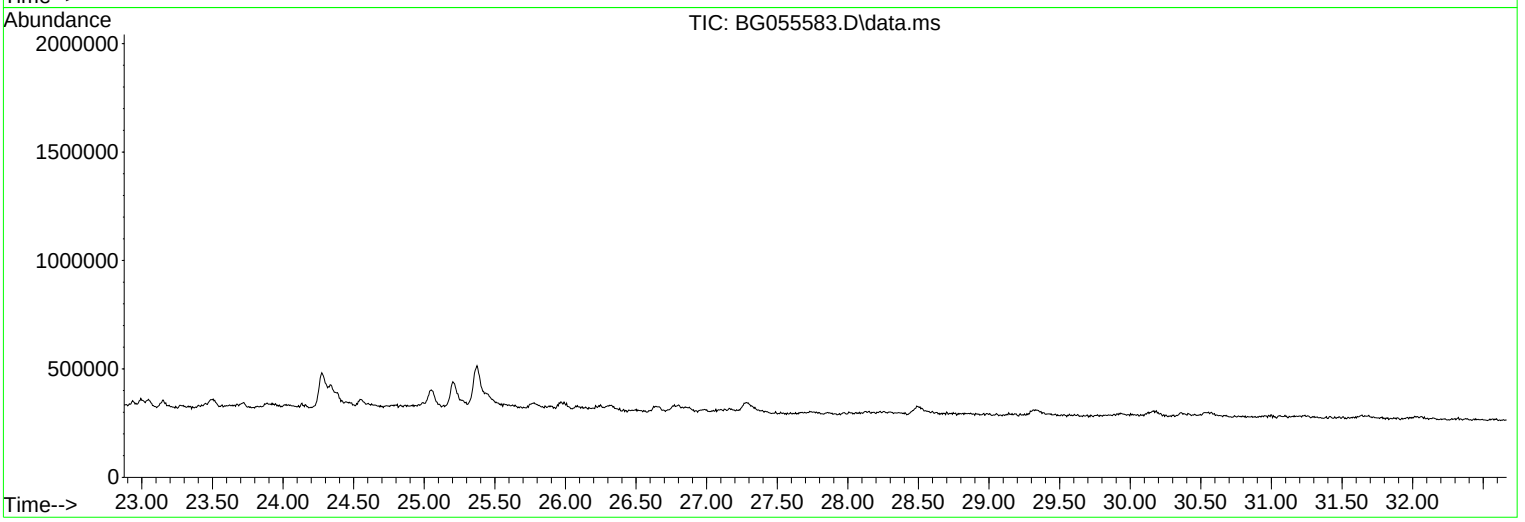
Instrument :
BNA_G
ClientSampleId :
TP-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.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\BG111122\
Data File : BG055583.D
Acq On : 12 Nov 2022 2:34
Operator : CG/JU
Sample : N5509-07
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Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

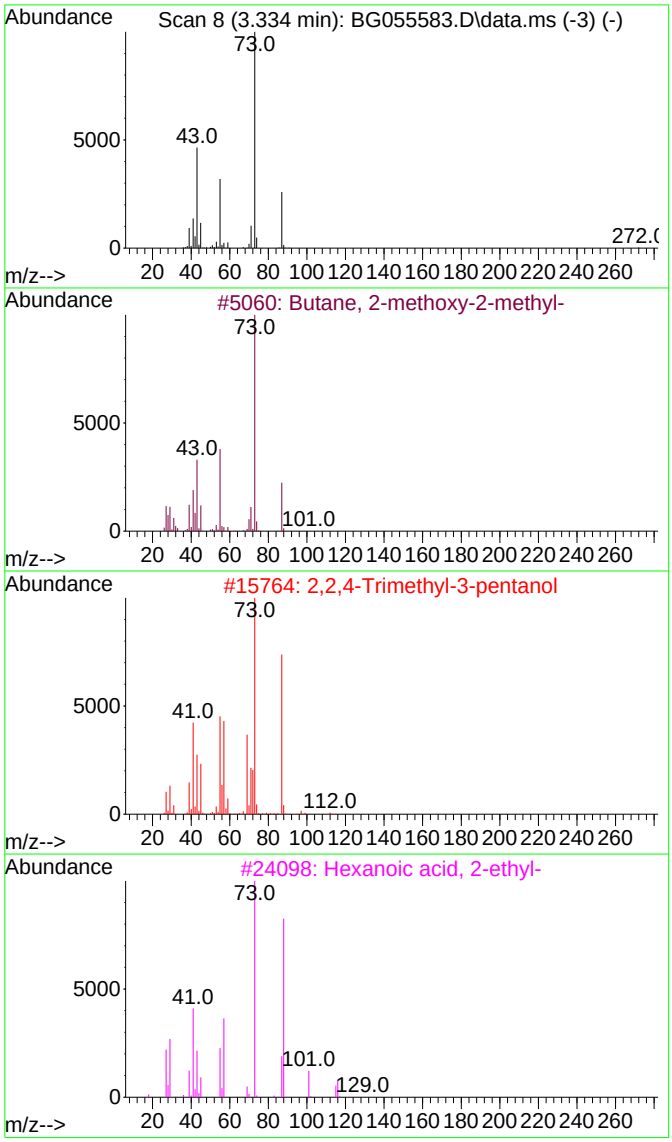
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

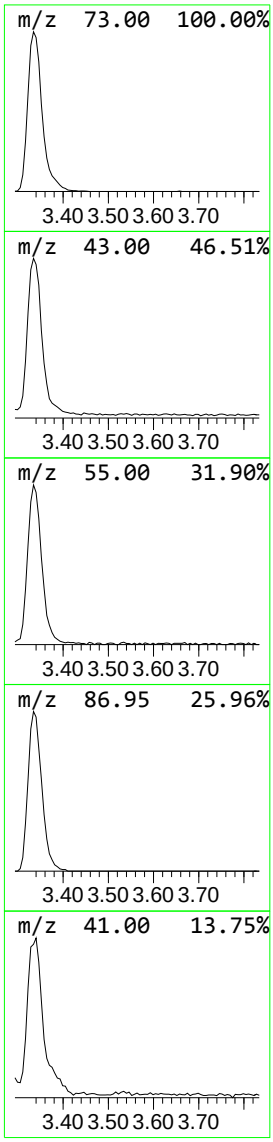
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.334	26.06 ng	535038	1,4-Dichlorobenzene-d4	8.276

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	33
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055583.D
Acq On : 12 Nov 2022 2:34
Operator : CG/JU
Sample : N5509-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-12

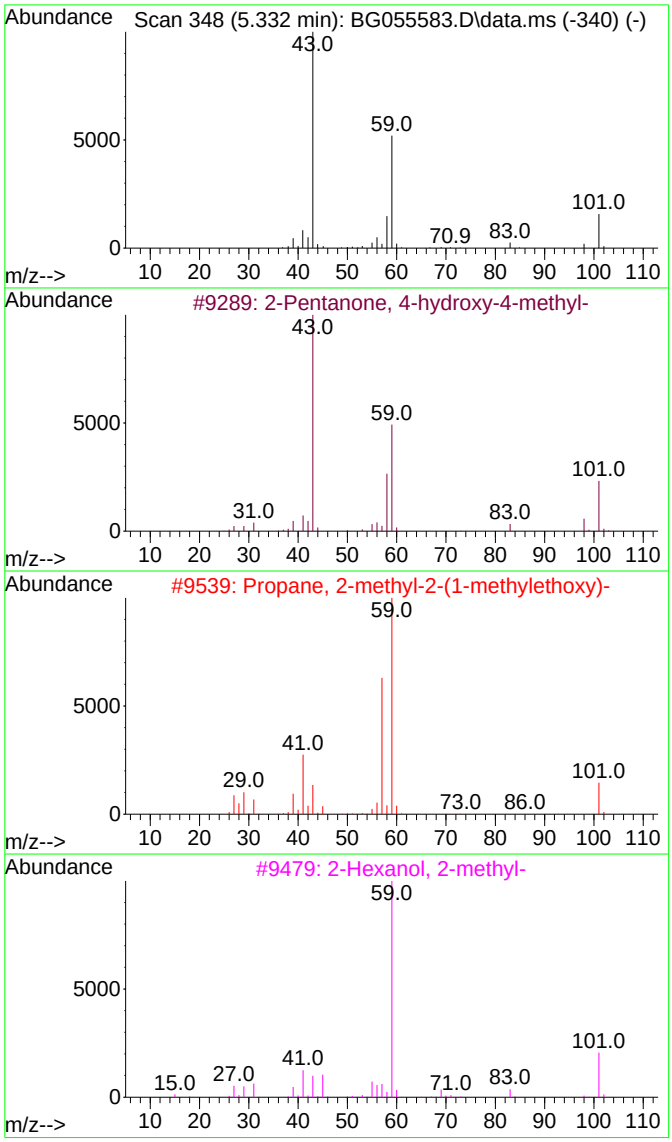
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

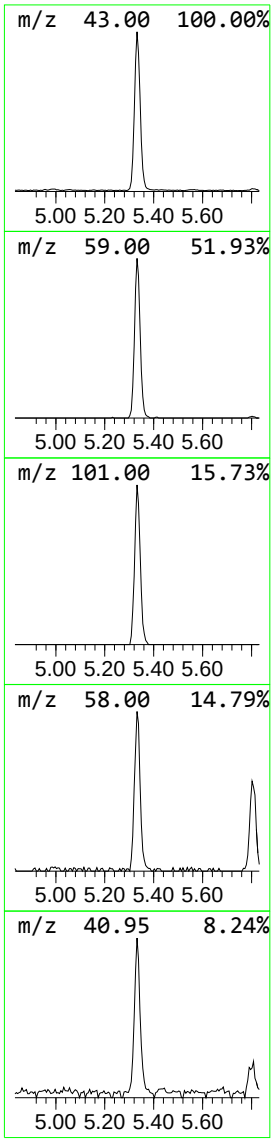
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.332	13.30 ng	273020	1,4-Dichlorobenzene-d4	8.276

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055583.D
Acq On : 12 Nov 2022 2:34
Operator : CG/JU
Sample : N5509-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

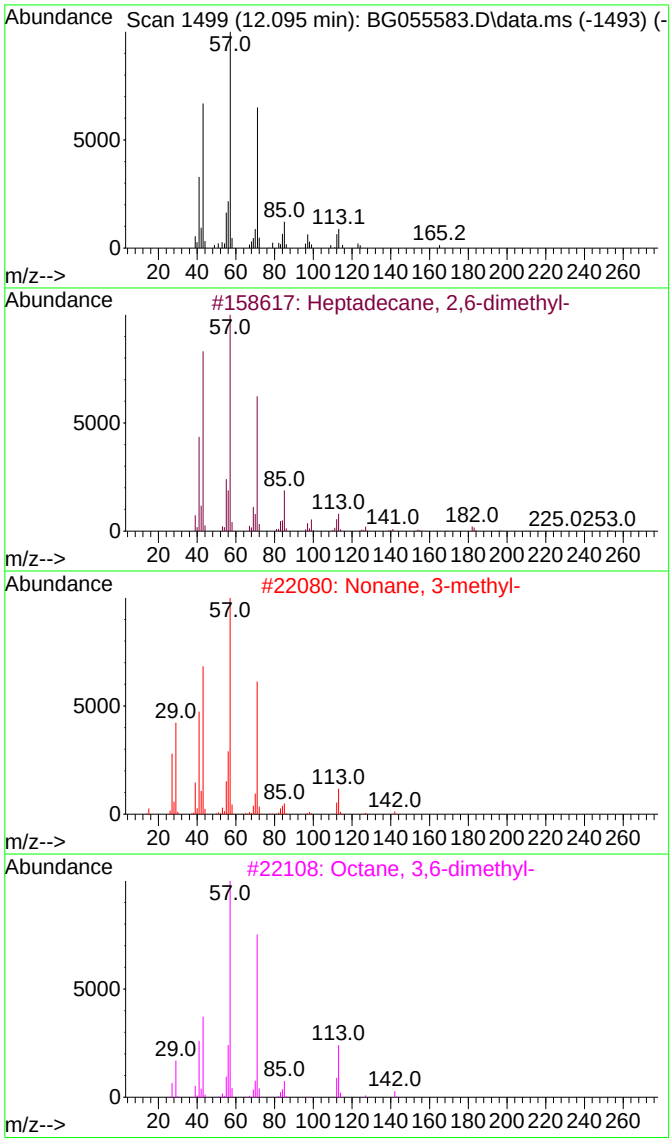
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

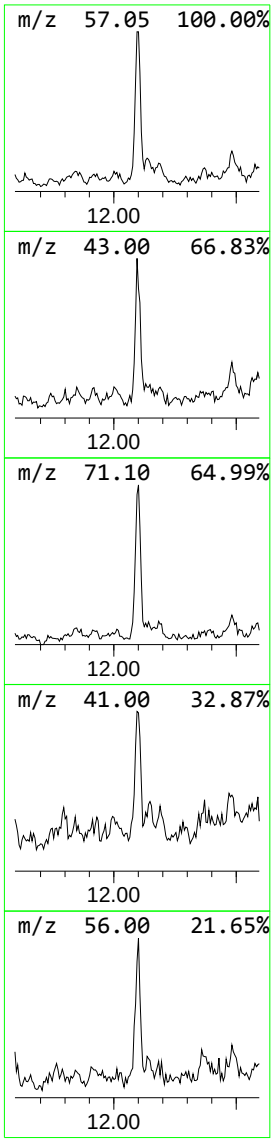
****

Peak Number 3 Heptadecane, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.095	2.53 ng	78521	Naphthalene-d8	11.108

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	72
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	72
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
4	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	59
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055583.D
Acq On : 12 Nov 2022 2:34
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Sample : N5509-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

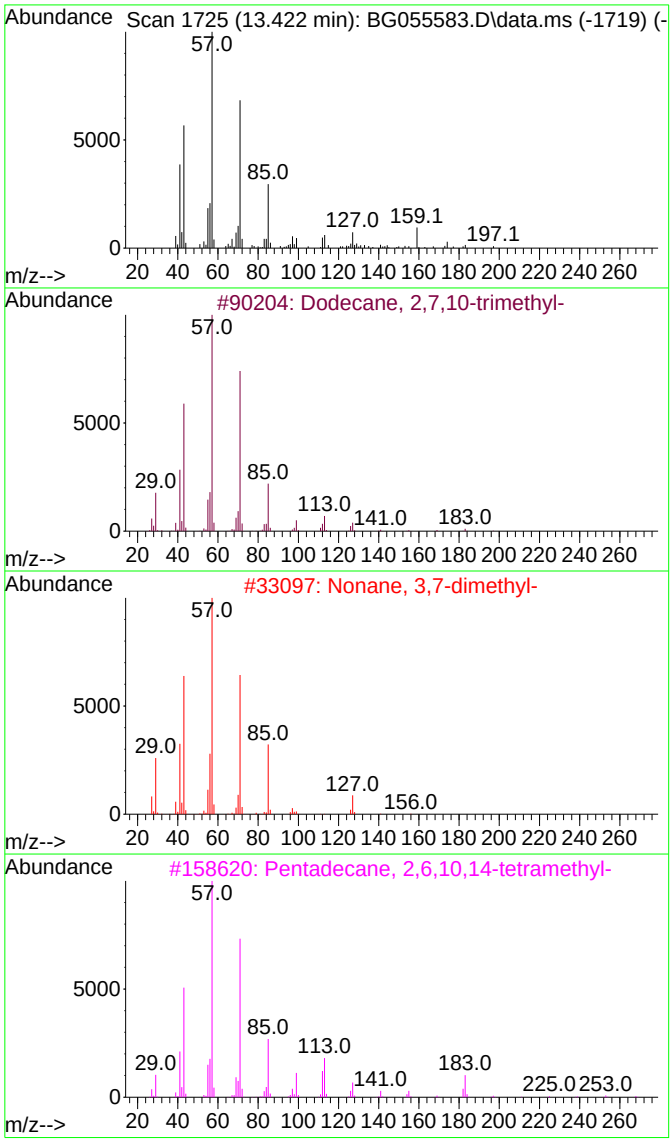
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

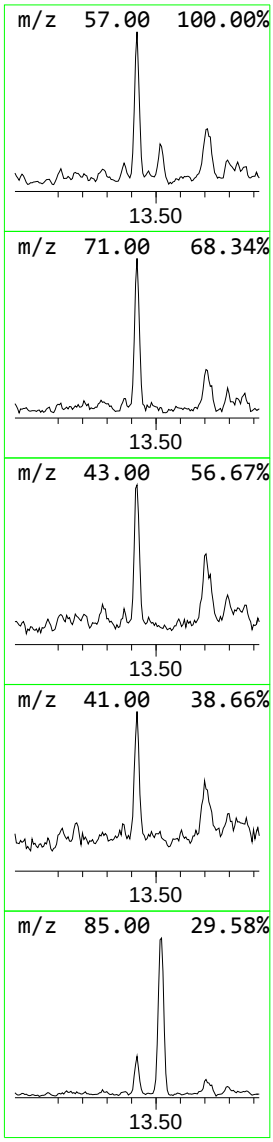
****

Peak Number 4 Dodecane, 2,7,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.422	4.27 ng	163217	Acenaphthene-d10	14.897

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055583.D
Acq On : 12 Nov 2022 2:34
Operator : CG/JU
Sample : N5509-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-12

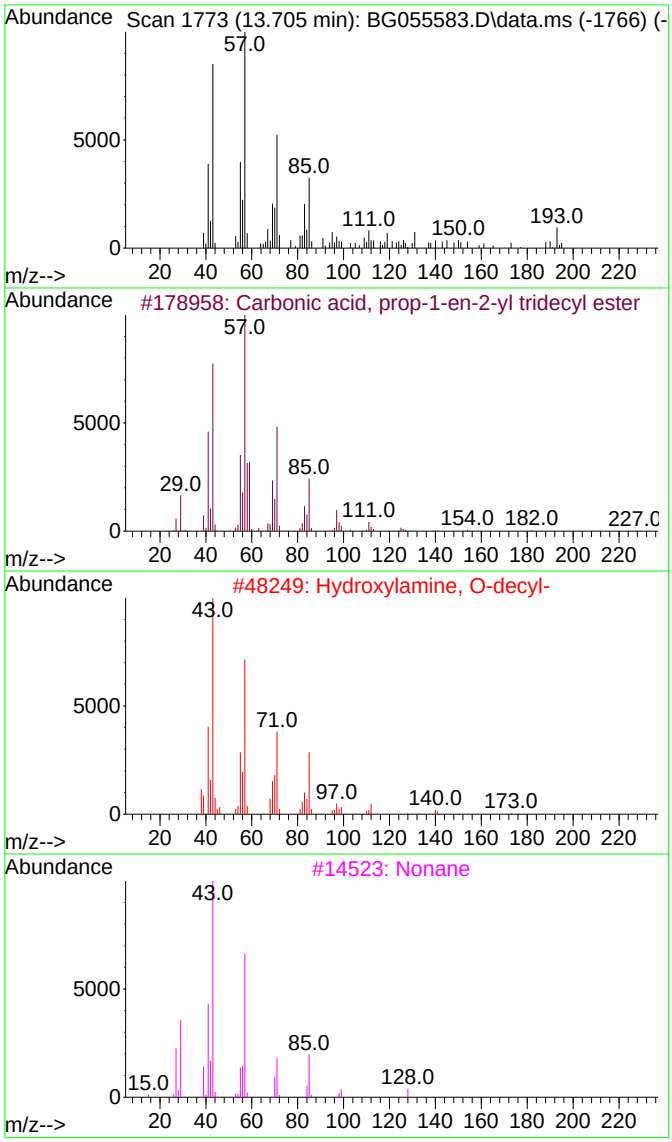
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

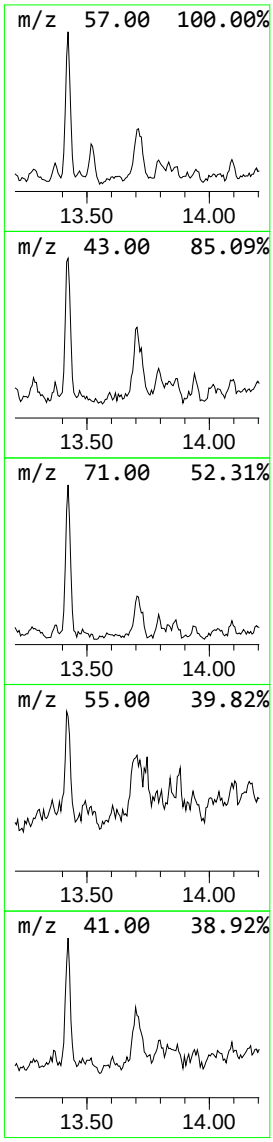
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Carbonic acid, prop-1-en-2-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.704	3.14 ng	120073	Acenaphthene-d10	14.897

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	64
2	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	59
3	Nonane	128	C9H20	000111-84-2	55
4	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	50
5	Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055583.D
Acq On : 12 Nov 2022 2:34
Operator : CG/JU
Sample : N5509-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-12

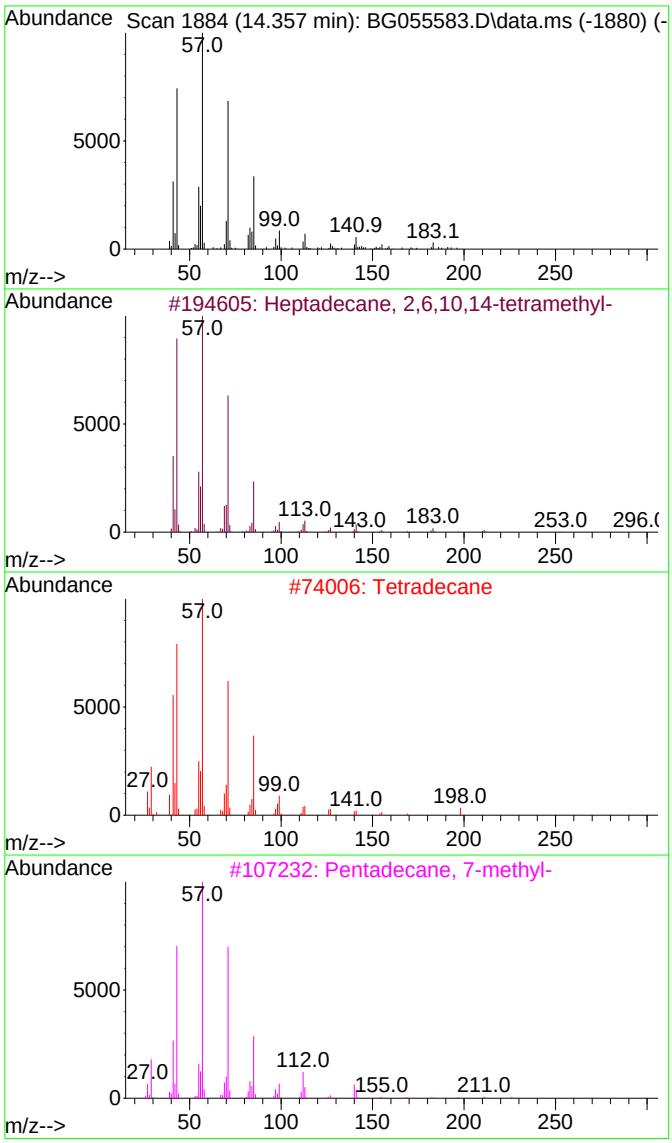
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

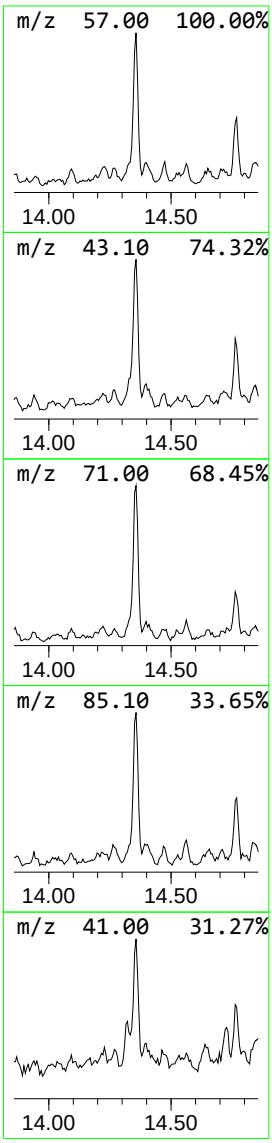
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Heptadecane, 2,6,10,14-tetr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.357	5.44 ng	208077	Acenaphthene-d10	14.897

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	90
2	Tetradecane	198	C14H30	000629-59-4	86
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72
4	Nonadecane	268	C19H40	000629-92-5	64
5	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055583.D
Acq On : 12 Nov 2022 2:34
Operator : CG/JU
Sample : N5509-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

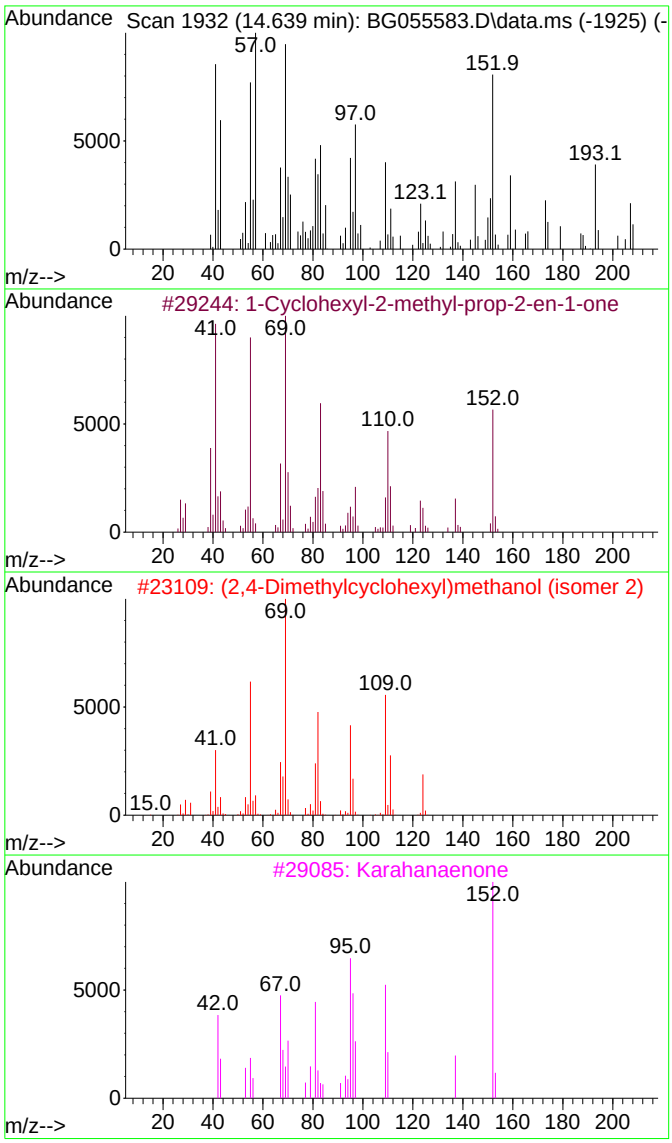
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

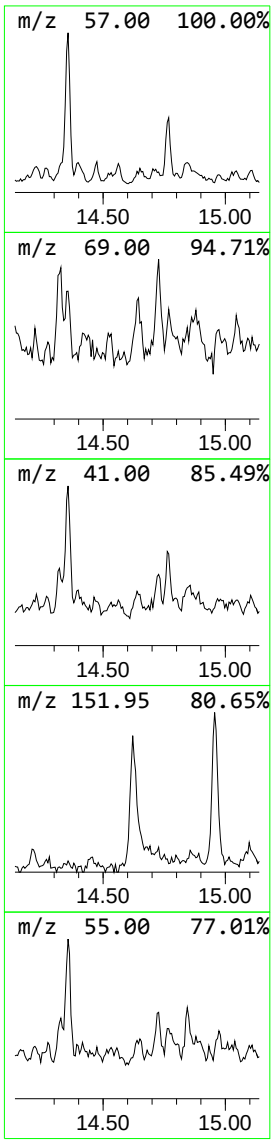
****

Peak Number 7 unknown14.639 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.639	2.58 ng	98494	Acenaphthene-d10	14.897

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexyl-2-methyl-prop-2-en-...	152	C10H16O	025183-82-8	35
2	(2,4-Dimethylcyclohexyl)methanol...	142	C9H18O	1000499-02-7	27
3	Karahanaenone	152	C10H16O	1010427-29-1	27
4	2-Hydroxy-3-methoxy mandelonitrile	179	C9H9NO3	1000425-21-3	15
5	1,4-Benzenediol, 2,3,5-trimethyl-	152	C9H12O2	000700-13-0	14





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Acq On : 12 Nov 2022 2:34
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Sample : N5509-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.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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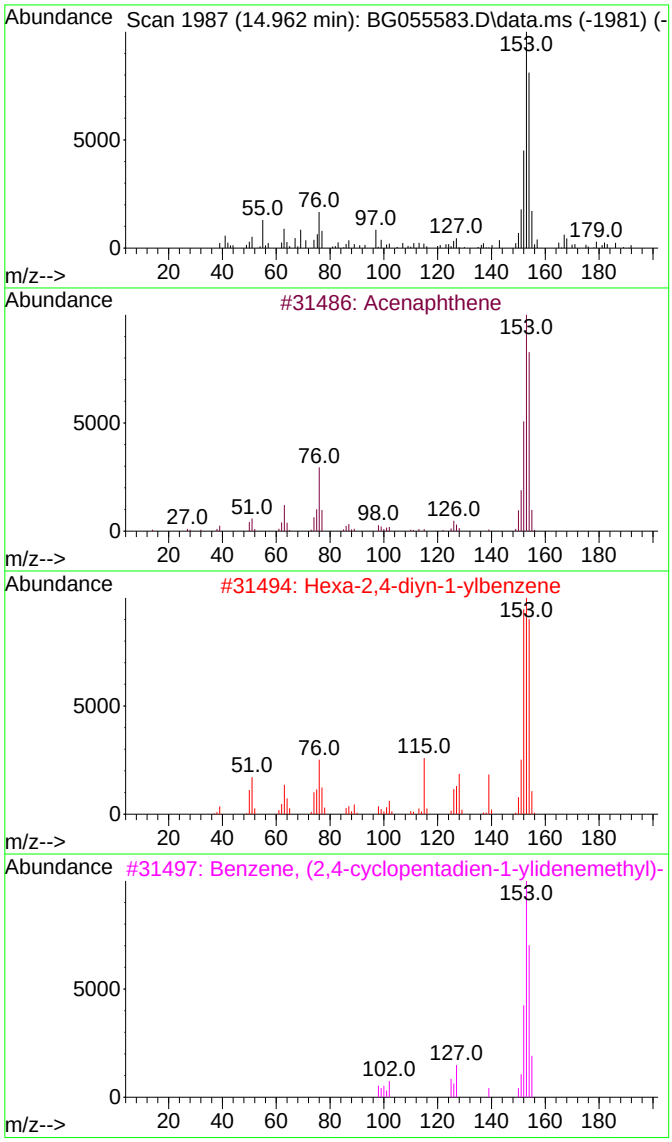
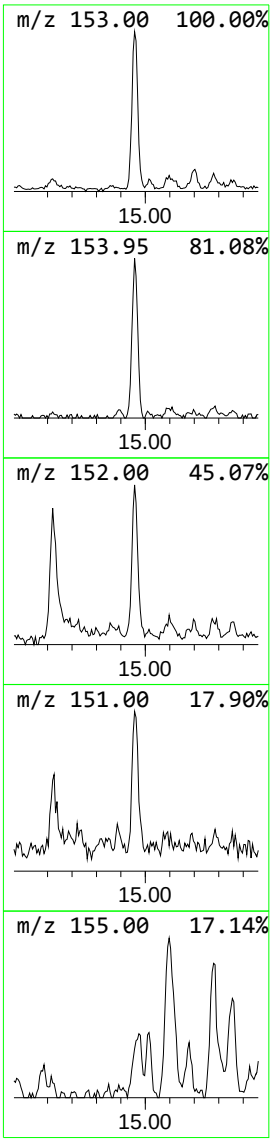
Peak Number 8 Hexa-2,4-diyn-1-ylbenzene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.962	2.62 ng	100060	Acenaphthene-d10	14.897

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	76
2	Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	59
3	Benzene, (2,4-cyclopentadien-1-y...	154	C12H10	007338-50-3	53
4	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	53
5	2,4,6-Trihydroxybenzaldehyde	154	C7H6O4	000487-70-7	50





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Sample : N5509-07
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BNA_G
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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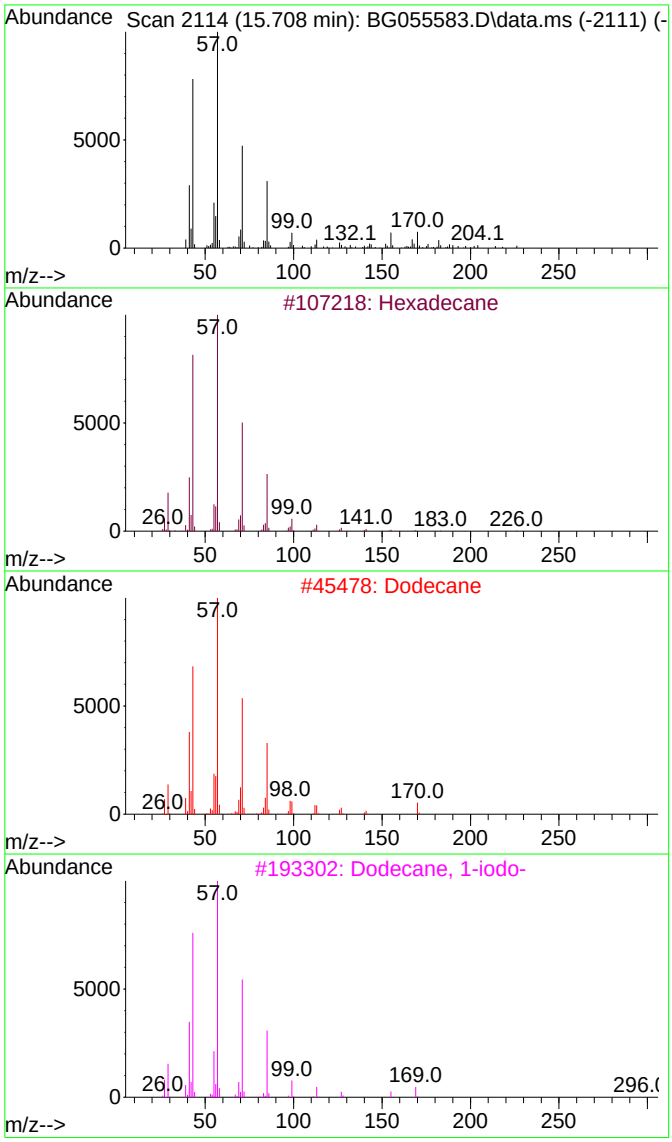
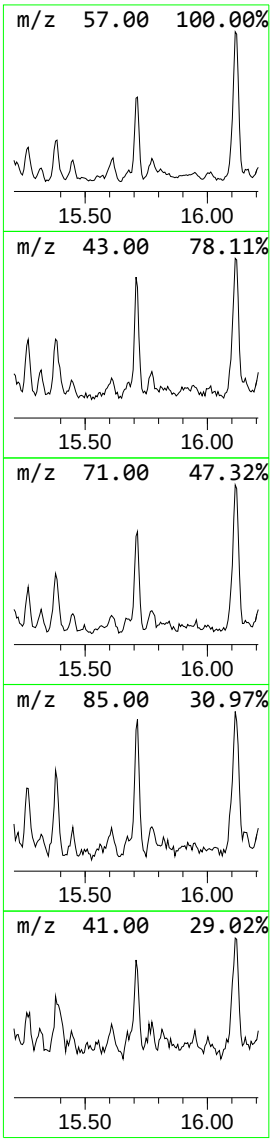
Peak Number 10 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.708	2.86 ng	109193	Acenaphthene-d10	14.897

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	89
2	Dodecane	170	C12H26	000112-40-3	74
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64
5	Undecane, 5-ethyl-	184	C13H28	017453-94-0	64





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BNA_G
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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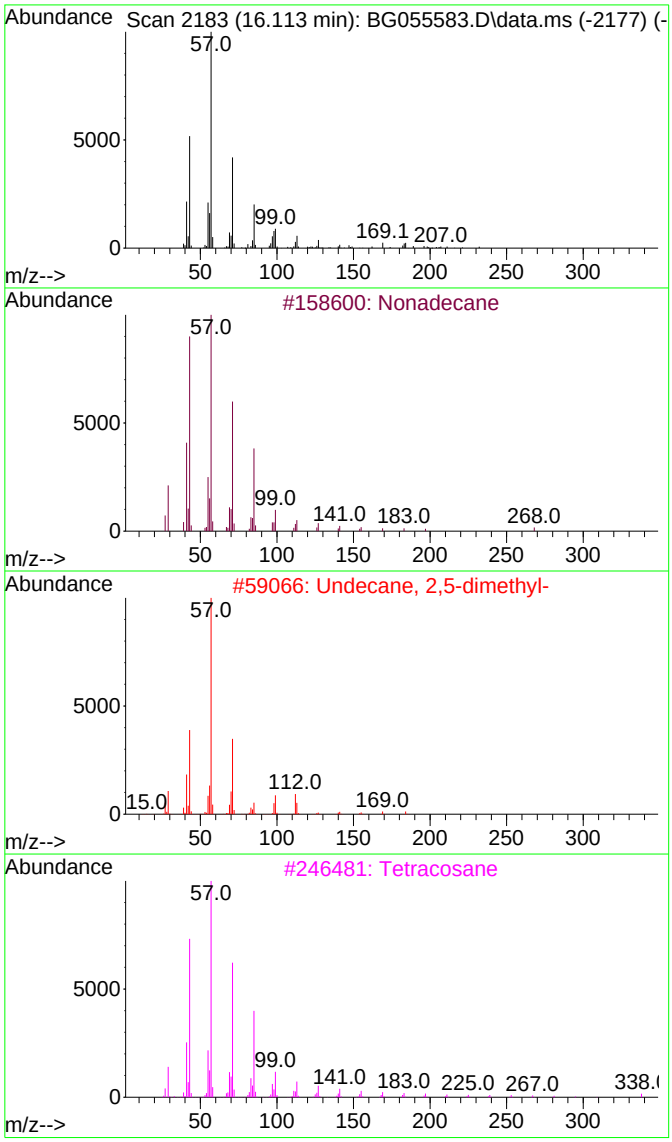
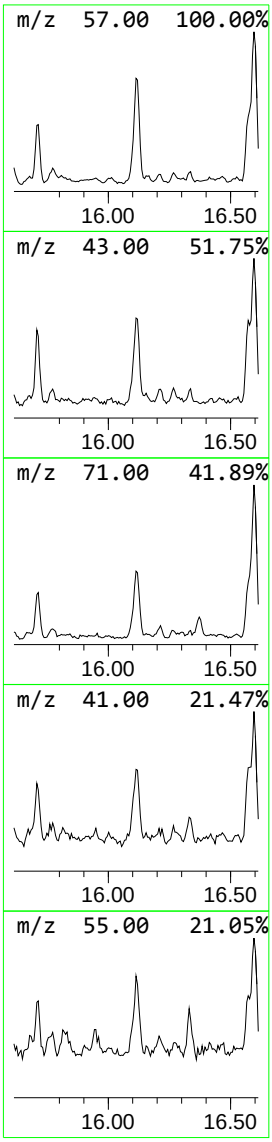
Peak Number 11 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.113	6.66 ng	254816	Acenaphthene-d10	14.897

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	80
2	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
3	Tetracosane	338	C24H50	000646-31-1	72
4	Heptacosane	380	C27H56	000593-49-7	72
5	Tetradecane	198	C14H30	000629-59-4	64





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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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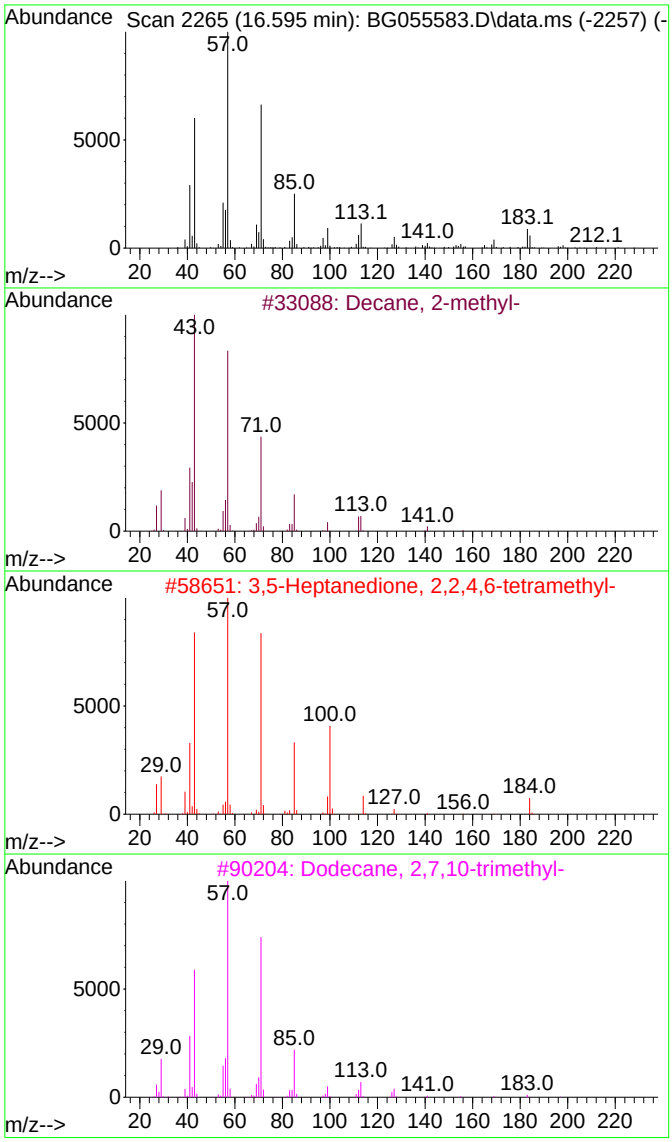
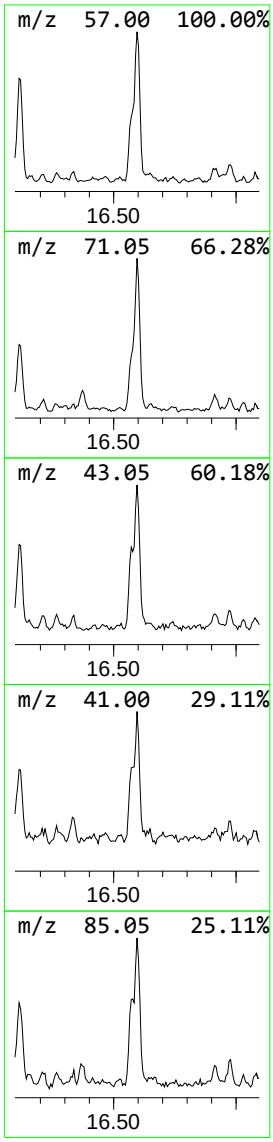
Peak Number 12 Decane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.595	10.30 ng	432160	Phenanthrene-d10	17.635

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	74
2	3,5-Heptanedione, 2,2,4,6-tetram...	184	C11H20O2	1000162-24-5	74
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
5	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	72





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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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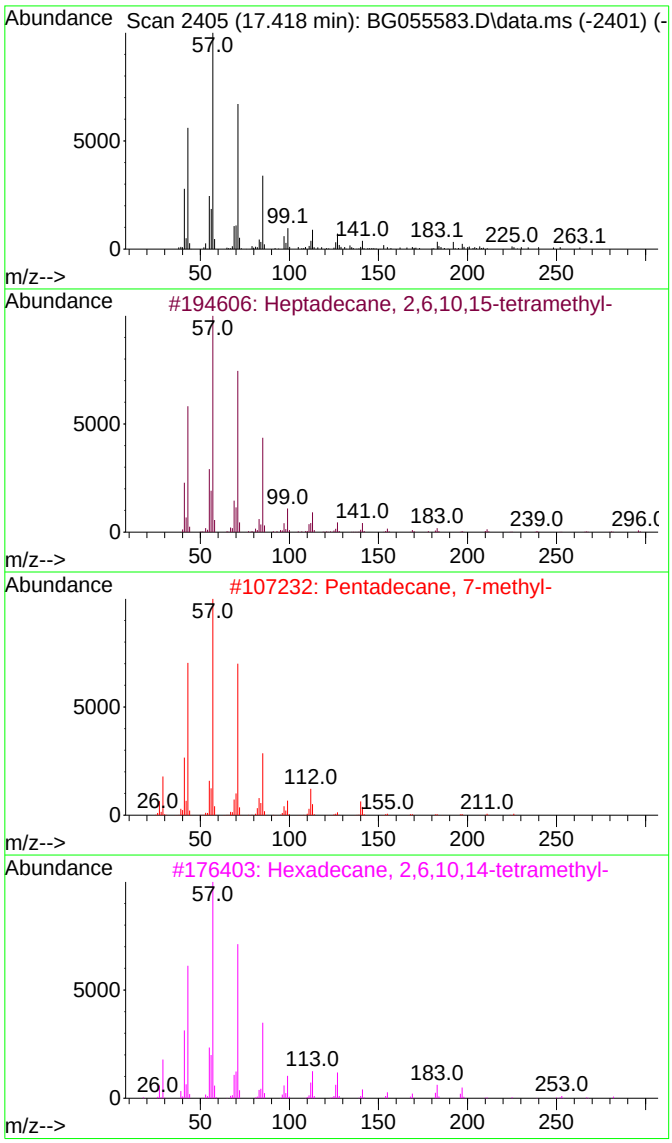
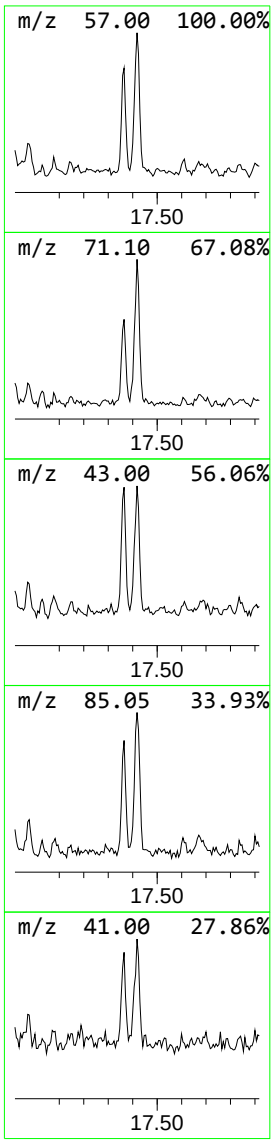
Peak Number 13 Heptadecane, 2,6,10,15-tetr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.418	3.37 ng	141498	Phenanthrene-d10	17.635

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	90
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	87
5	Octacosane	394	C28H58	000630-02-4	86





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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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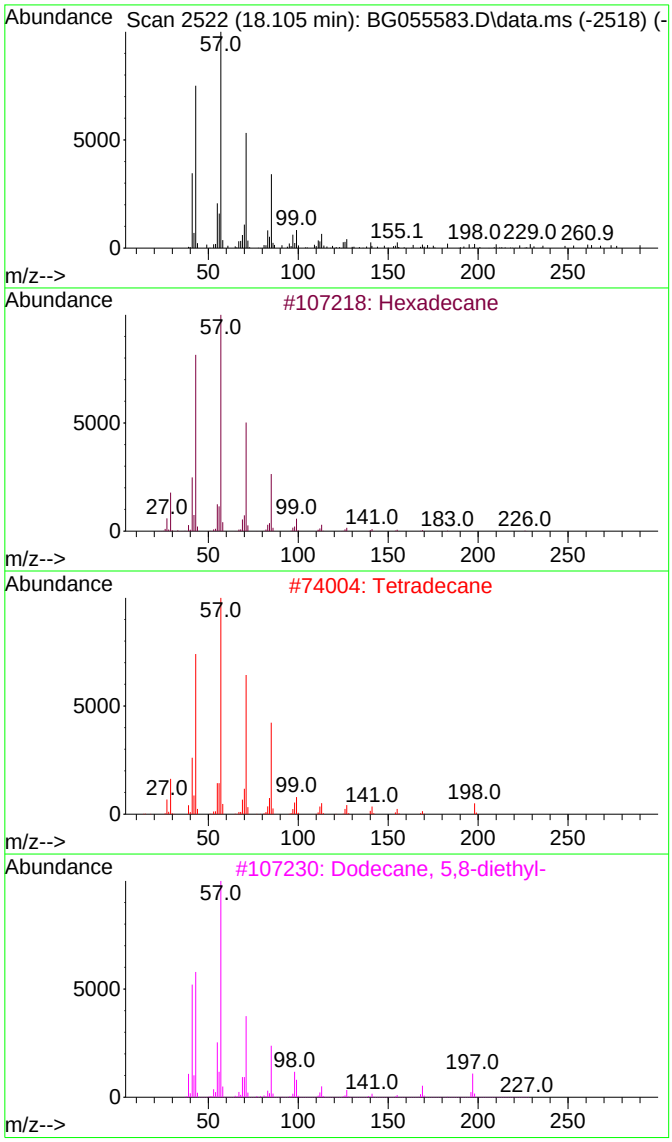
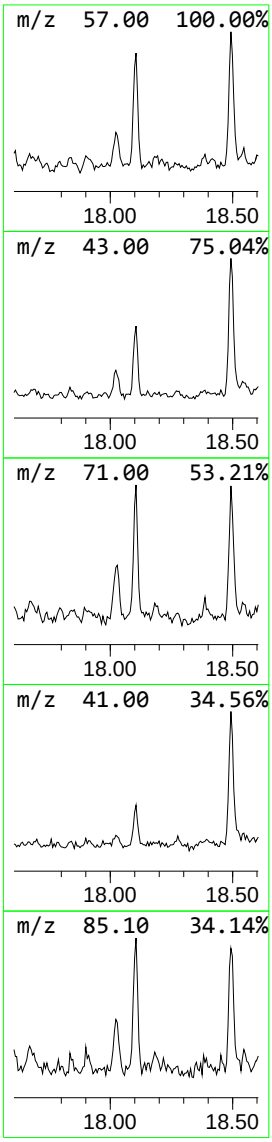
Peak Number 14 Tetradecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.105	2.49 ng	104569	Phenanthrene-d10	17.635

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Tetradecane	198	C14H30	000629-59-4	81
3	Dodecane, 5,8-diethyl-	226	C16H34	024251-86-3	74
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74
5	Octacosane	394	C28H58	000630-02-4	72





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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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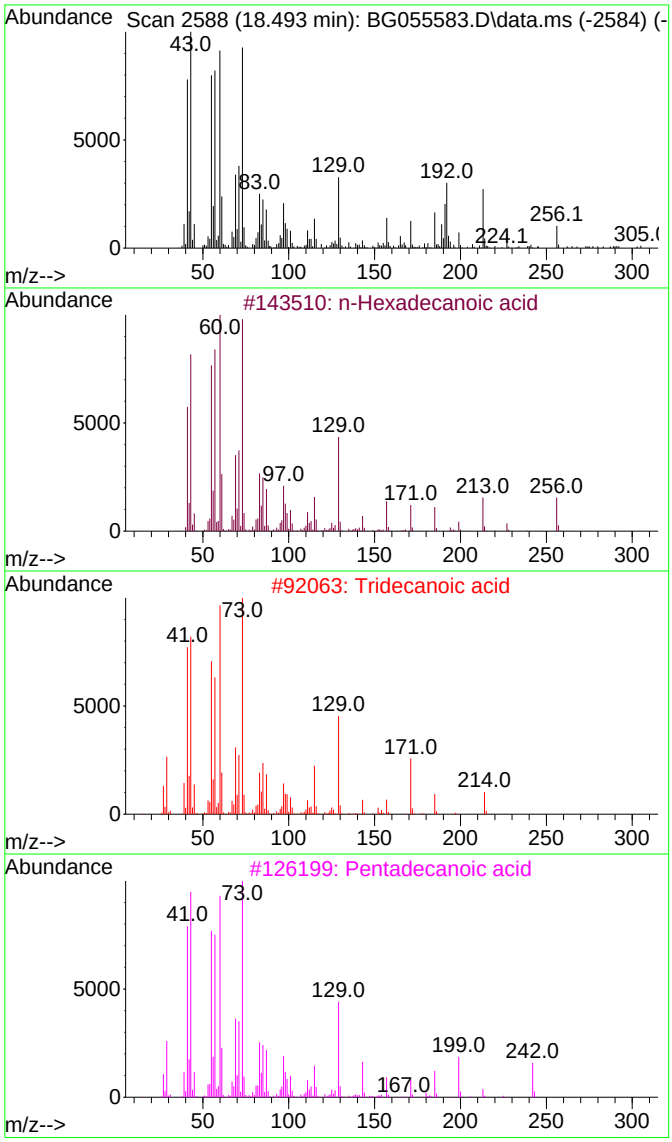
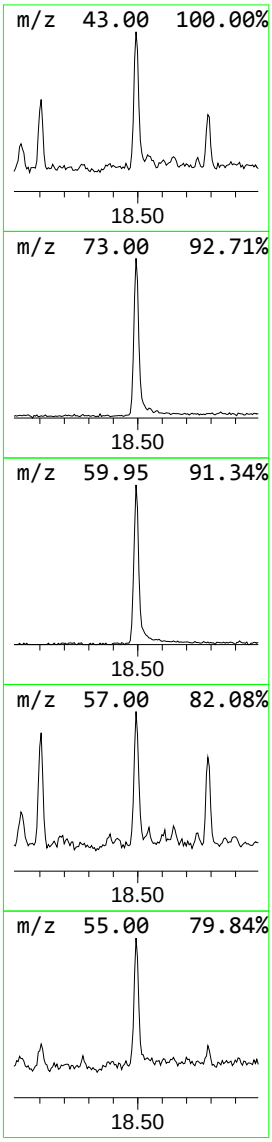
Peak Number 15 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.493	10.50 ng	440590	Phenanthrene-d10	17.635

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4	Octadecanoic acid	284	C18H36O2	000057-11-4	62
5	Dodecanoic acid	200	C12H24O2	000143-07-7	53





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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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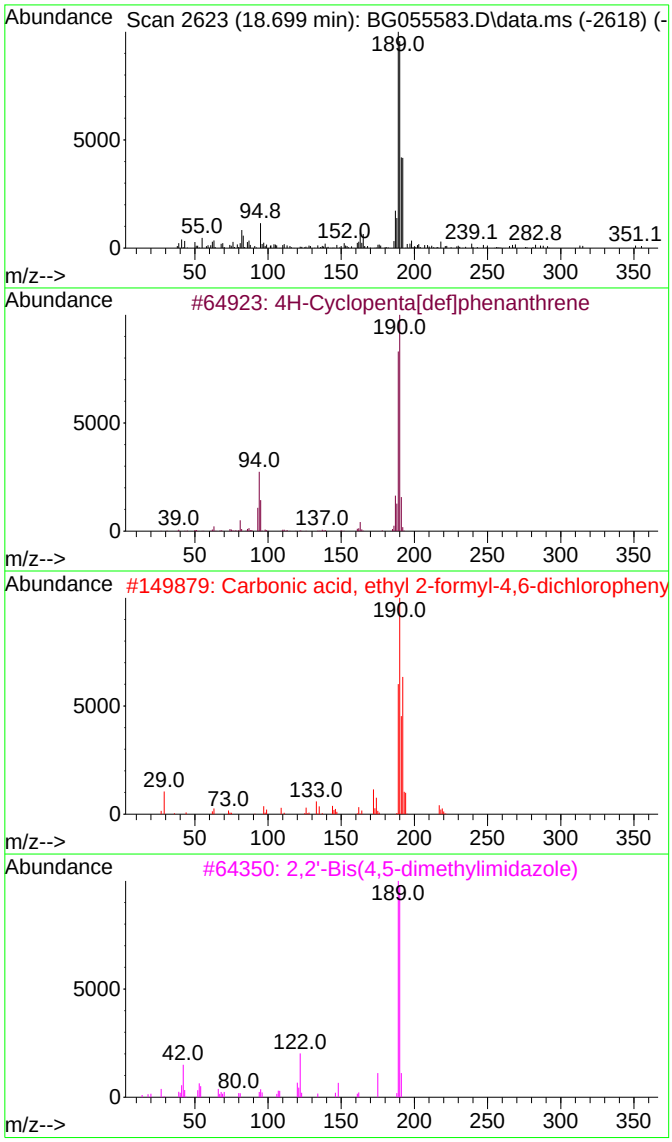
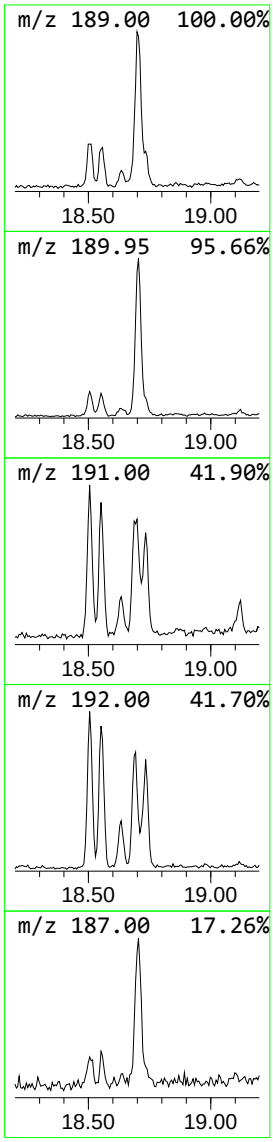
Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.699	3.82 ng	160383	Phenanthrene-d10	17.635

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	53
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	47
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40





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TIC Library : C:\Database\NIST20.L
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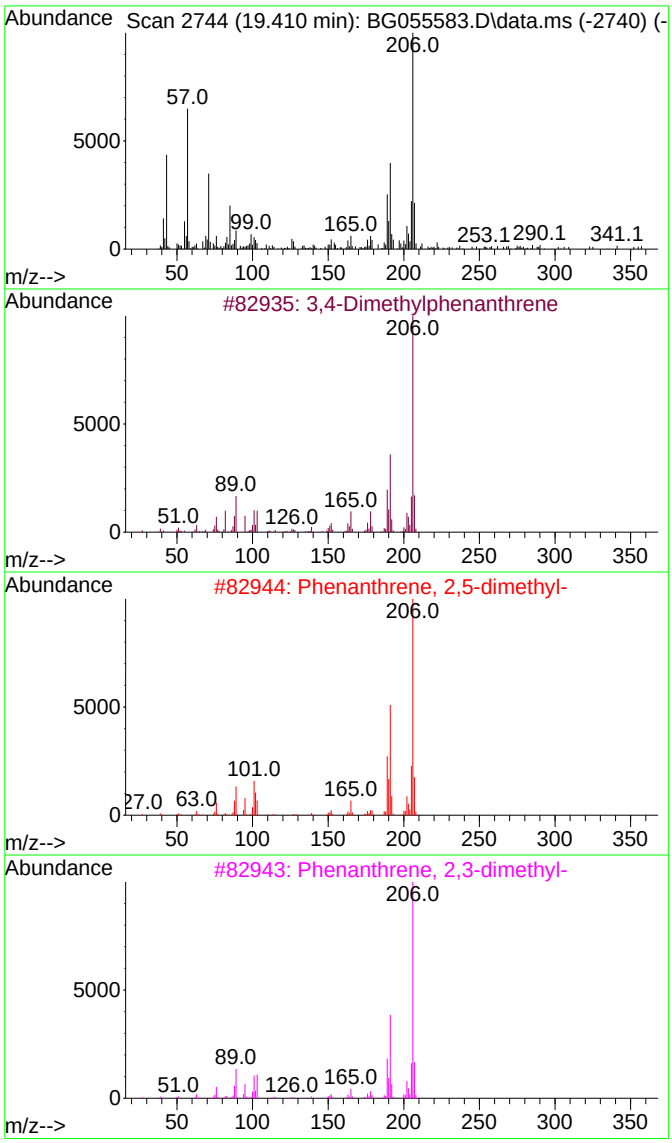
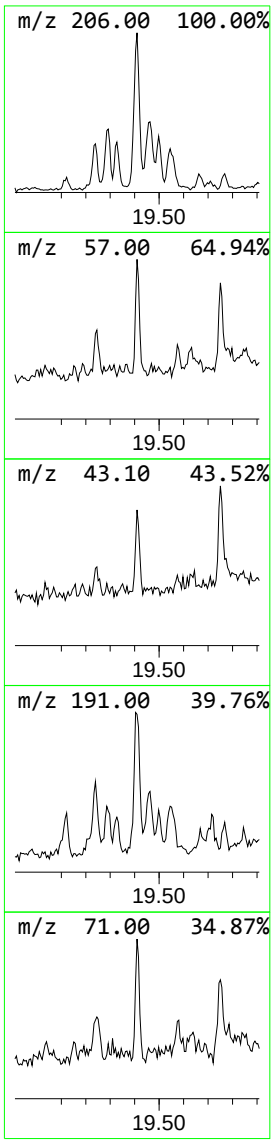
Peak Number 17 3,4-Dimethylphenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.410	3.44 ng	144416	Phenanthrene-d10	17.635

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	78





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TIC Library : C:\Database\NIST20.L
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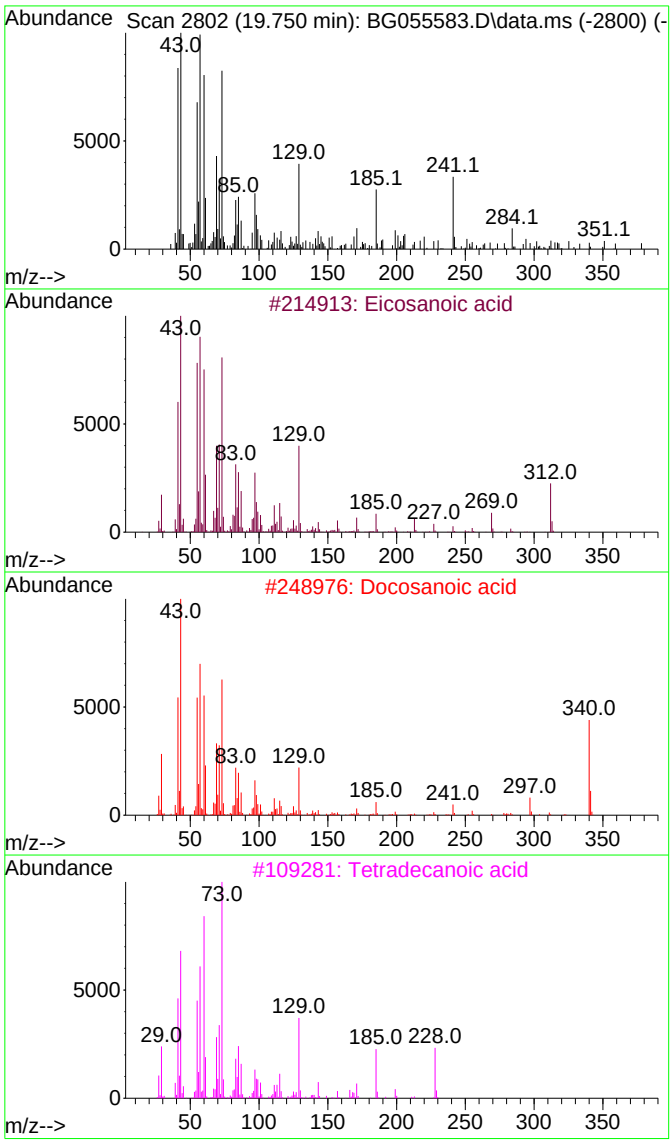
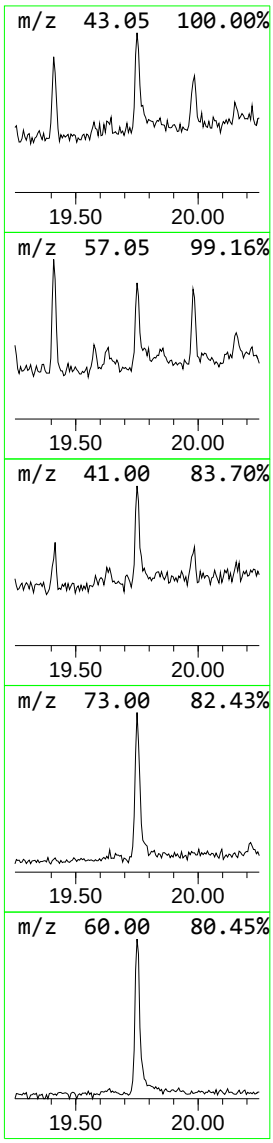
Peak Number 18 Eicosanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.750	2.87 ng	120267	Phenanthrene-d10	17.635

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid	312	C20H40O2	000506-30-9	90
2	Docosanoic acid	340	C22H44O2	000112-85-6	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68





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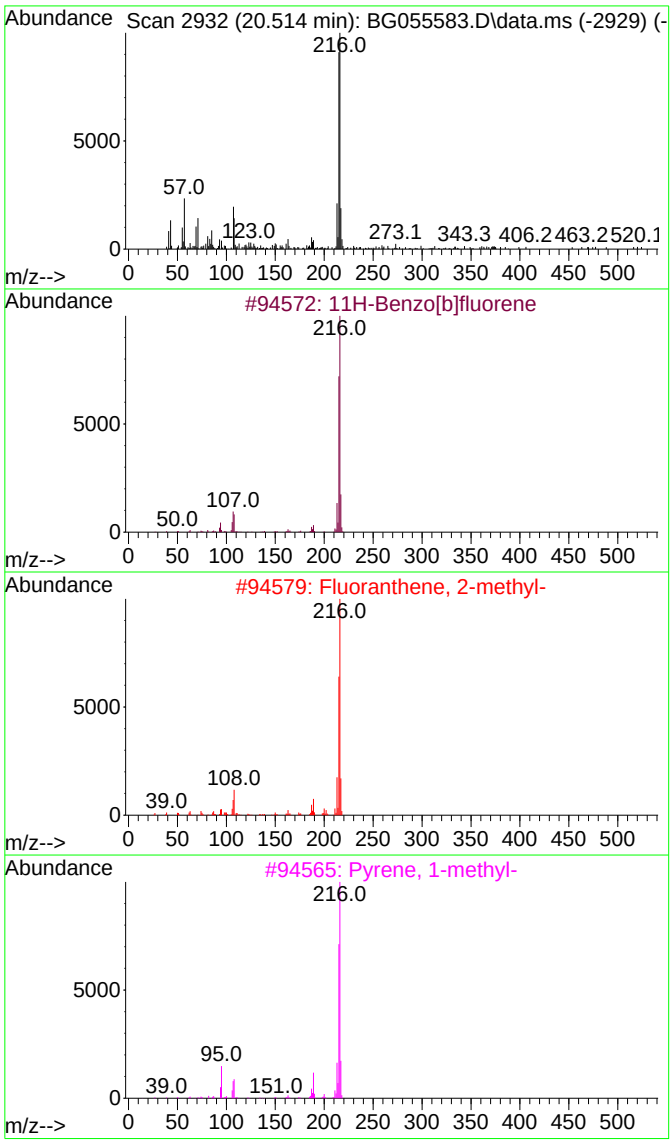
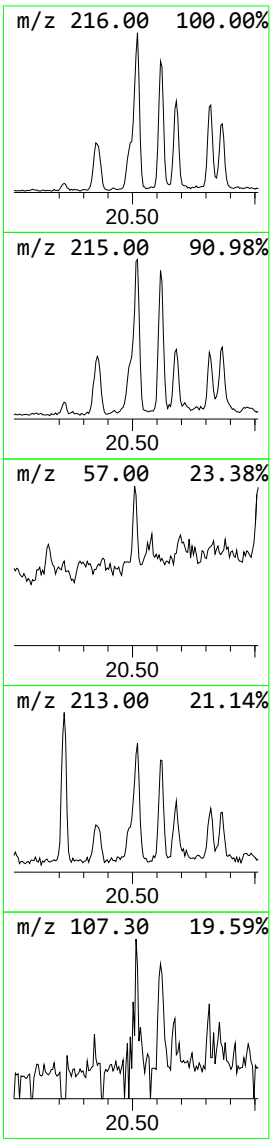
Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.514	2.60 ng	166686	Chrysene-d12	21.936

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	72





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ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

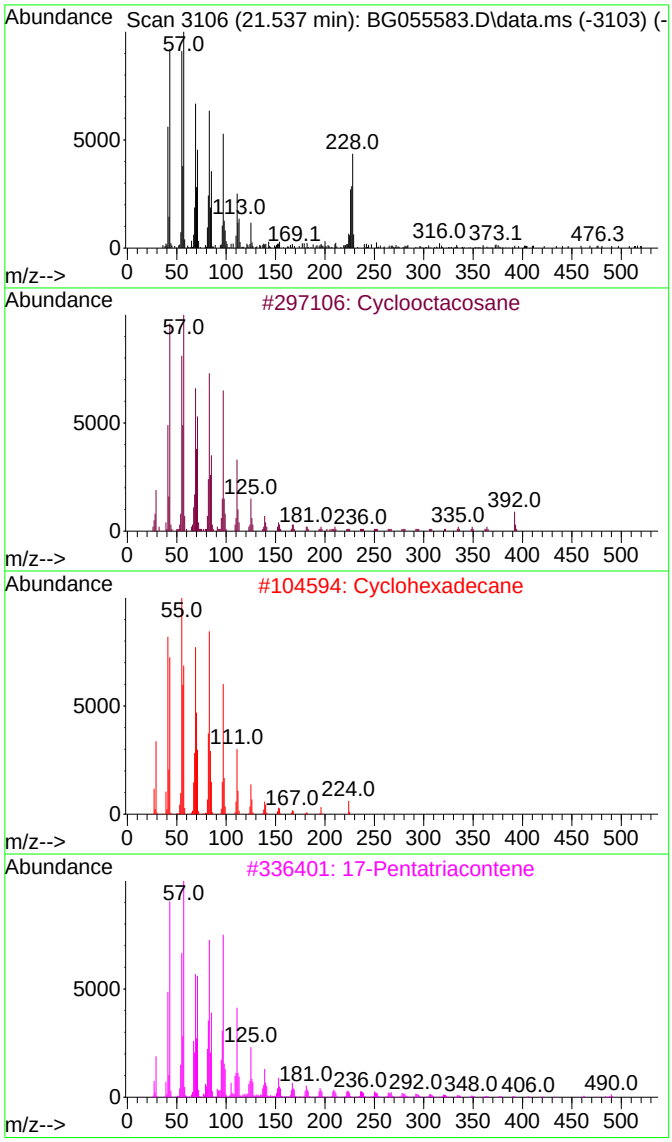
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

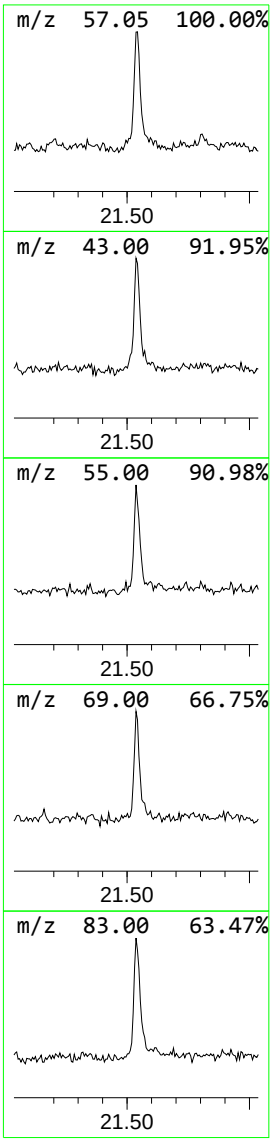
****

Peak Number 20 Cyclooctacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.537	4.23 ng	270964	Chrysene-d12	21.936

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctacosane	392	C28H56	000297-24-5	97
2	Cyclohexadecane	224	C16H32	000295-65-8	93
3	17-Pentatriacontene	491	C35H70	006971-40-0	91
4	1-Hexacosene	364	C26H52	018835-33-1	91
5	Heptadecanoic acid, heptadecyl e...	509	C34H68O2	036617-50-2	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055583.D
Acq On : 12 Nov 2022 2:34
Operator : CG/JU
Sample : N5509-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.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
Butane, 2-metho...	3.334	26.1	ng	535038	1	8.276	410693	20.0
2-Pentanone, 4-...	5.332	13.3	ng	273020	1	8.276	410693	20.0
Heptadecane, 2,...	12.095	2.5	ng	78521	2	11.108	619648	20.0
Dodecane, 2,7,1...	13.422	4.3	ng	163217	3	14.897	764919	20.0
Carbonic acid, ...	13.704	3.1	ng	120073	3	14.897	764919	20.0
Heptadecane, 2,...	14.357	5.4	ng	208077	3	14.897	764919	20.0
unknown14.639	14.639	2.6	ng	98494	3	14.897	764919	20.0
Hexa-2,4-diyn-1...	14.962	2.6	ng	100060	3	14.897	764919	20.0
Hexadecane	15.708	2.9	ng	109193	3	14.897	764919	20.0
Nonadecane	16.113	6.7	ng	254816	3	14.897	764919	20.0
Decane, 2-methyl-	16.595	10.3	ng	432160	4	17.635	839287	20.0
Heptadecane, 2,...	17.418	3.4	ng	141498	4	17.635	839287	20.0
Tetradecane	18.105	2.5	ng	104569	4	17.635	839287	20.0
n-Hexadecanoic ...	18.493	10.5	ng	440590	4	17.635	839287	20.0
4H-Cyclopenta[d...	18.699	3.8	ng	160383	4	17.635	839287	20.0
3,4-Dimethylphe...	19.410	3.4	ng	144416	4	17.635	839287	20.0
Eicosanoic acid	19.750	2.9	ng	120267	4	17.635	839287	20.0
11H-Benzo[b]flu...	20.514	2.6	ng	166686	5	21.936	1281510	20.0
Cyclooctacosane	21.537	4.2	ng	270964	5	21.936	1281510	20.0