LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
Data File : BG048863.D
Acq On : 23 Apr 2021 14:50
Operator : CG/JU
Sample : M2107-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-32-10.5-11.0

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-BG041421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048863.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.602	378	385	393	rBV	376822	606891	51.43%	6.073%
2	7.218	648	660	673	rVB	396742	712780	60.41%	7.133%
3	7.541	709	715	723	rVB7	10931	24854	2.11%	0.249%
4	8.052	791	802	807	rBV3	89298	168177	14.25%	1.683%
5	8.099	807	810	817	rVB7	11959	26046	2.21%	0.261%
6	8.187	817	825	829	rBV2	36897	65608	5.56%	0.657%
7	8.234	829	833	836	rVV5	8033	13955	1.18%	0.140%
8	8.269	836	839	843	rVV4	15018	24832	2.10%	0.248%
9	8.334	846	850	855	rVB4	11573	18758	1.59%	0.188%
10	8.833	931	935	941	rVB6	10698	18034	1.53%	0.180%
11	8.892	941	945	949	rBV5	12110	20035	1.70%	0.200%
12	9.162	981	991	996	rBV8	23788	54293	4.60%	0.543%
13	9.227	996	1002	1015	rVB	265647	487767	41.34%	4.881%
14	9.374	1023	1027	1029	rBV4	8071	12958	1.10%	0.130%
15	9.409	1031	1033	1039	rVB6	8504	12181	1.03%	0.122%
16	9.703	1077	1083	1086	rBV5	9467	18510	1.57%	0.185%
17	9.985	1128	1131	1136	rVB3	12483	14181	1.20%	0.142%
18	10.049	1136	1142	1146	rBV8	11955	22852	1.94%	0.229%
19	10.279	1175	1181	1188	rBV8	7279	12966	1.10%	0.130%
20	10.837	1271	1276	1277	rBV4	7599	12537	1.06%	0.125%
21	10.878	1277	1283	1289	rVV	121791	233564	19.79%	2.337%
22	10.925	1289	1291	1298	rVV5	15650	26645	2.26%	0.267%
23	11.025	1302	1308	1313	rVB7	11183	20750	1.76%	0.208%
24	11.706	1417	1424	1429	rBV6	5695	13080	1.11%	0.131%
25	11.889	1451	1455	1460	rBV3	15757	25502	2.16%	0.255%
26	12.282	1518	1522	1526	rVB4	9985	13076	1.11%	0.131%
27	12.975	1634	1640	1647	rBV6	8021	15332	1.30%	0.153%
28	13.228	1679	1683	1688	rBV5	16864	26174	2.22%	0.262%
29	13.328	1694	1700	1708	rVB	586585	926451	78.52%	9.271%
30	13.516	1726	1732	1735	rBV7	8335	15736	1.33%	0.157%
31	13.587	1740	1744	1749	rVB4	21489	32377	2.74%	0.324%
32	13.916	1793	1800	1805	rVB7	6538	11879	1.01%	0.119%
33	14.133	1833	1837	1838	rBV4	11302	13389	1.13%	0.134%
34	14.156	1838	1841	1843	rBV	12109	17893	1.52%	0.179%
35	14.450	1886	1891	1895	rBV7	7721	13363	1.13%	0.134%
36	14.538	1902	1906	1910	rVB6	11078	18062	1.53%	0.181%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
Data File : BG048863.D
Acq On : 23 Apr 2021 14:50
Operator : CG/JU
Sample : M2107-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-32-10.5-11.0

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-BG041421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.715	1923	1936	1941	rBV	193814	328807	27.87%	3.290%
38	14.773	1941	1946	1953	rVB7	10720	22168	1.88%	0.222%
39	14.909	1965	1969	1971	rBV5	7788	11934	1.01%	0.119%
40	15.502	2064	2070	2073	rBV7	13550	20413	1.73%	0.204%
41	15.948	2143	2146	2151	rVB4	17534	23954	2.03%	0.240%
42	16.207	2184	2190	2197	rBV	490294	739909	62.71%	7.404%
43	16.430	2222	2228	2236	rVB3	50518	82751	7.01%	0.828%
44	17.206	2356	2360	2363	rBV6	8947	15995	1.36%	0.160%
45	17.259	2365	2369	2373	rVB2	38379	48737	4.13%	0.488%
46	17.470	2399	2405	2411	rBV	231963	363394	30.80%	3.636%
47	17.652	2432	2436	2439	rBV5	10317	19470	1.65%	0.195%
48	18.751	2620	2623	2630	rVB3	90612	119424	10.12%	1.195%
49	19.092	2677	2681	2686	rVB4	137091	206674	17.52%	2.068%
50	19.268	2709	2711	2718	rVB	75828	88332	7.49%	0.884%
51	19.574	2761	2763	2768	rVB3	54943	70749	6.00%	0.708%
52	19.844	2806	2809	2814	rBV	83644	94208	7.98%	0.943%
53	20.085	2845	2850	2855	rVB2	960127	1179959	100.00%	11.808%
54	20.302	2882	2887	2892	rVB	349267	435586	36.92%	4.359%
55	20.379	2896	2900	2906	rVB	120341	150224	12.73%	1.503%
56	20.872	2981	2984	2991	rVB	124437	164864	13.97%	1.650%
57	21.389	3068	3072	3081	rVB2	169038	262006	22.20%	2.622%
58	21.571	3100	3103	3109	rVB4	49913	80652	6.84%	0.807%
59	21.642	3110	3115	3121	rVB2	206727	345035	29.24%	3.453%
60	21.771	3131	3137	3142	rVB	209999	354447	30.04%	3.547%
61	21.947	3163	3167	3172	rVB2	78667	106971	9.07%	1.070%
62	22.576	3269	3274	3278	rBV2	83953	149423	12.66%	1.495%
63	24.121	3531	3537	3543	rVB5	68118	144572	12.25%	1.447%
64	25.102	3696	3704	3714	rVB2	157676	435455	36.90%	4.358%
65	26.283	3898	3905	3914	rVB5	55722	155449	13.17%	1.556%

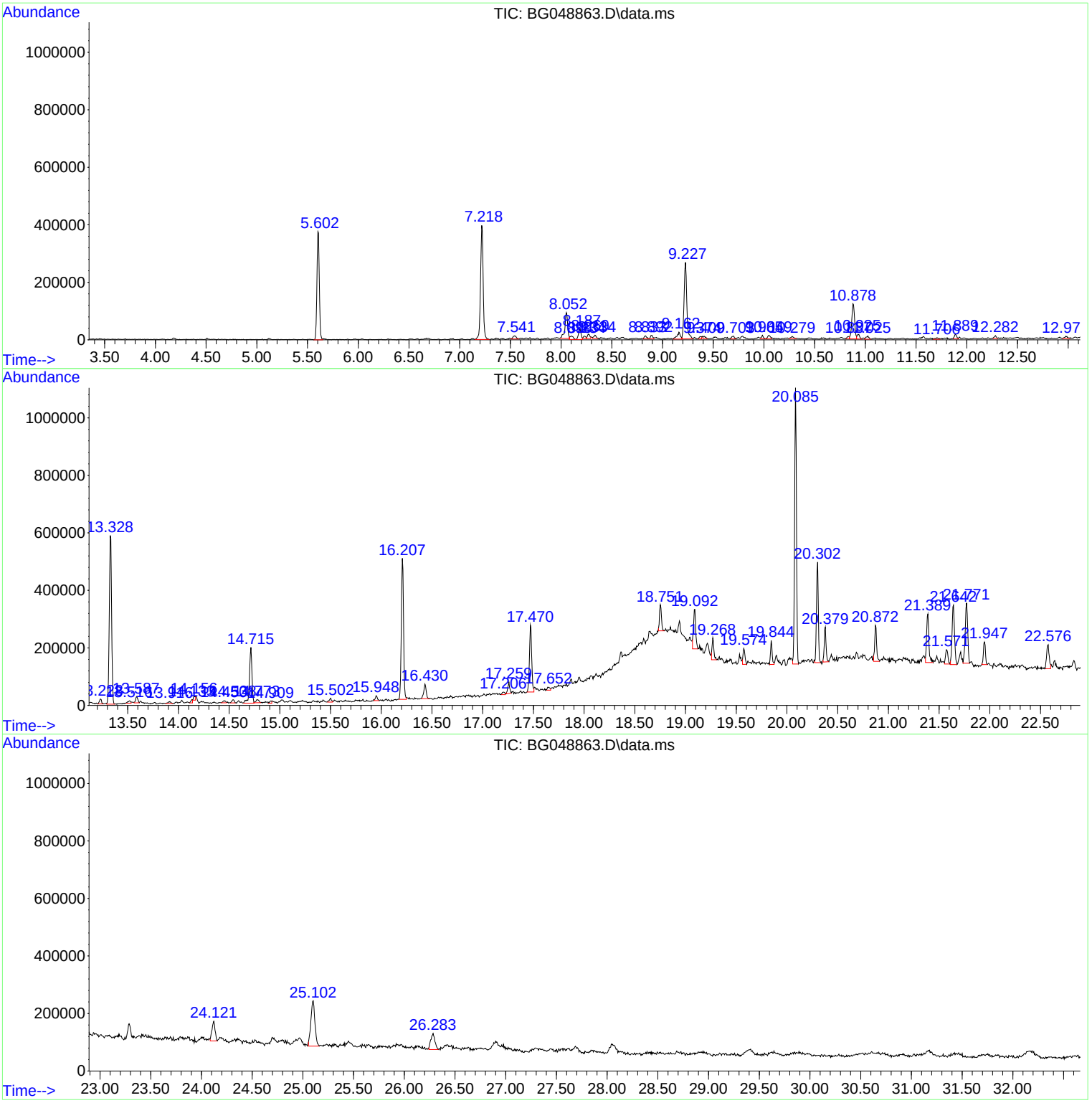
Sum of corrected areas: 9993050

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
Data File : BG048863.D
Acq On : 23 Apr 2021 14:50
Operator : CG/JU
Sample : M2107-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-32-10.5-11.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
Data File : BG048863.D
Acq On : 23 Apr 2021 14:50
Operator : CG/JU
Sample : M2107-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-32-10.5-11.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

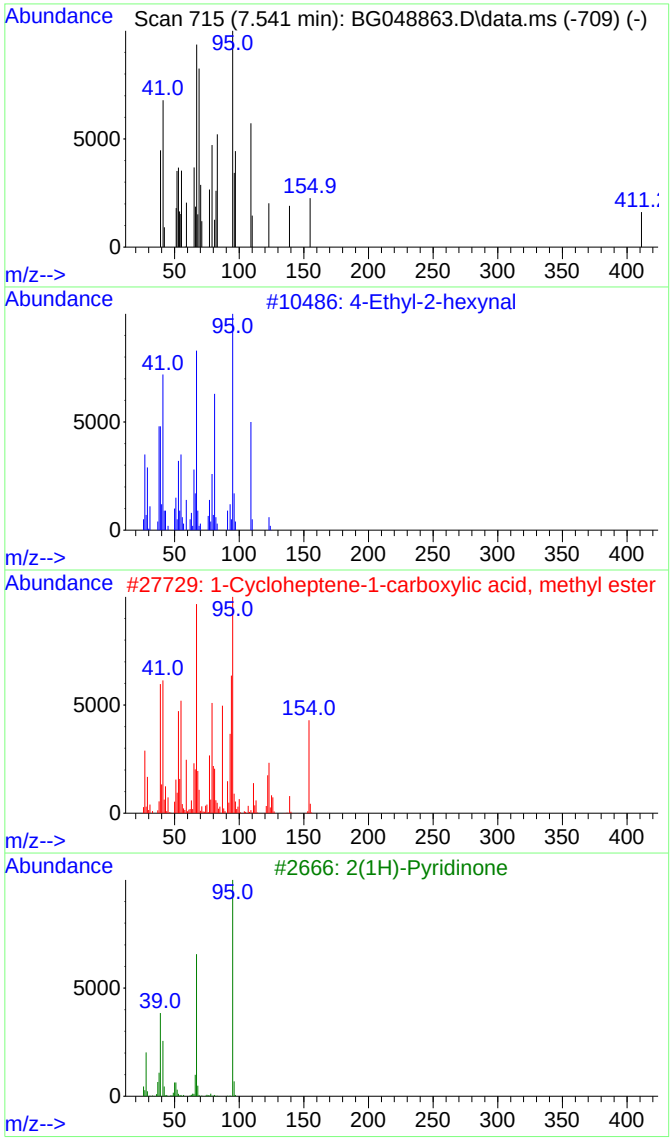
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

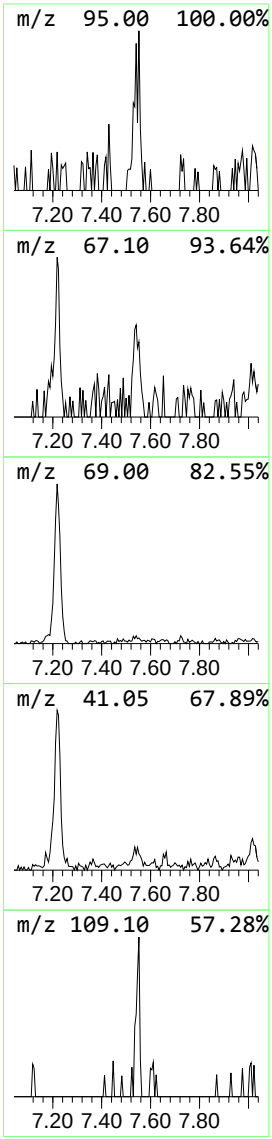
****

Peak Number 1 unknown7.54 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.541	2.96 ng	24854	1,4-Dichlorobenzene-d4	8.052

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ethyl-2-hexynal	124	C8H12O	071932-97-3	27
2	1-Cycloheptene-1-carboxylic acid...	154	C9H14O2	056745-53-0	25
3	2(1H)-Pyridinone	95	C5H5NO	000142-08-5	25
4	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	25
5	1,3-Hexadiene, 2,5-dimethyl-	110	C8H14	029253-64-3	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
Data File : BG048863.D
Acq On : 23 Apr 2021 14:50
Operator : CG/JU
Sample : M2107-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-32-10.5-11.0

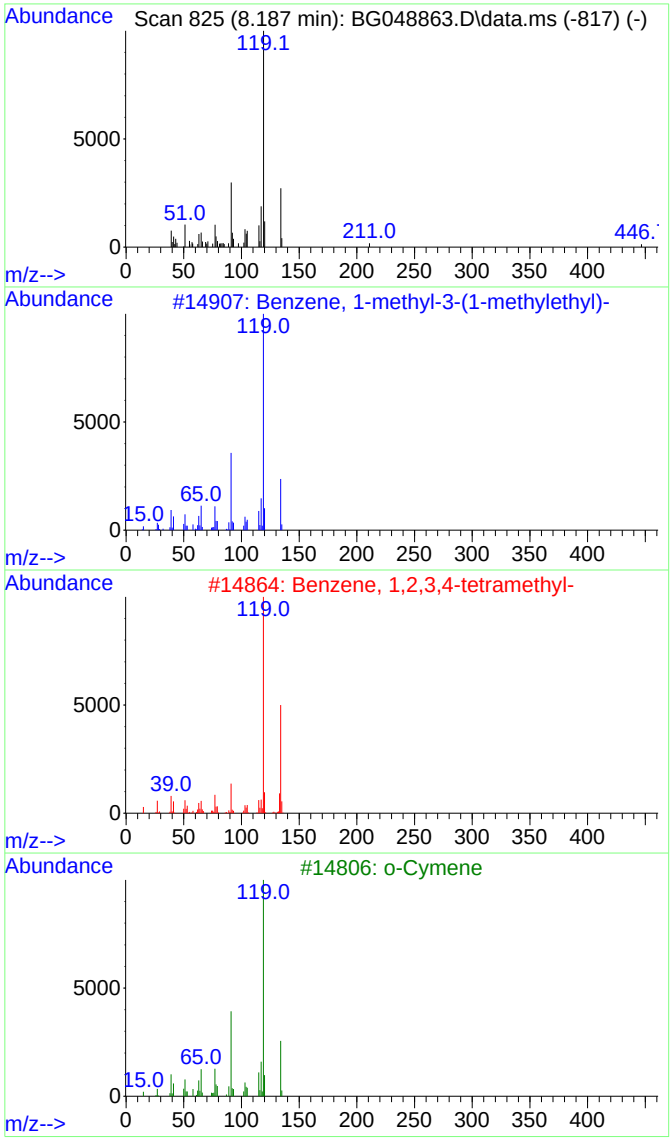
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

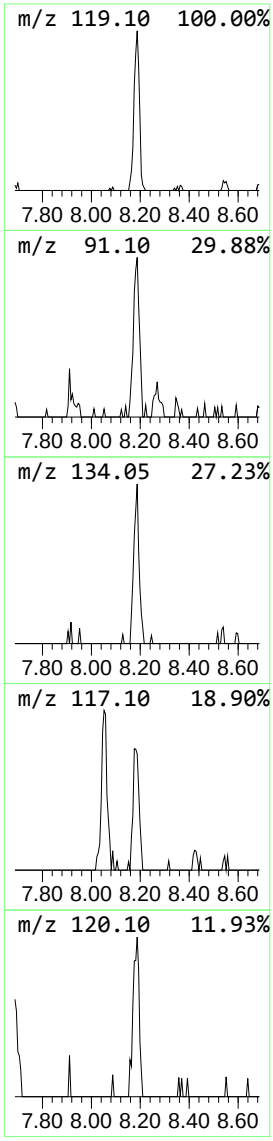
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-methyl-3-(1-meth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.187	7.80 ng	65608	1,4-Dichlorobenzene-d4	8.052

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
3	o-Cymene	134	C10H14	000527-84-4	91
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
Data File : BG048863.D
Acq On : 23 Apr 2021 14:50
Operator : CG/JU
Sample : M2107-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-32-10.5-11.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

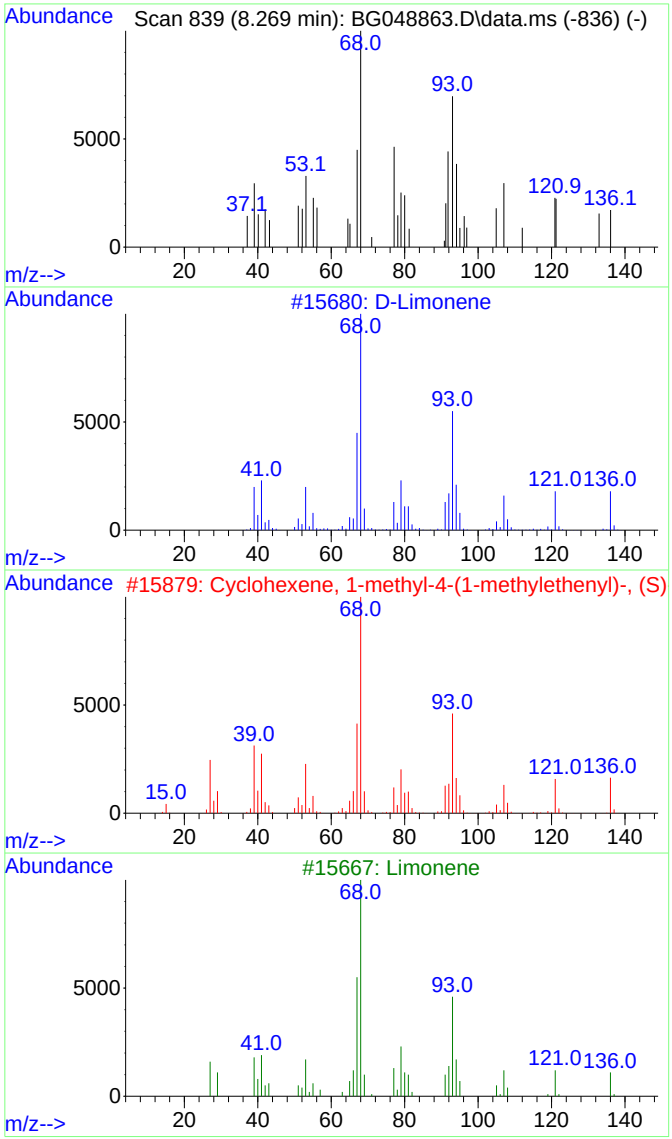
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

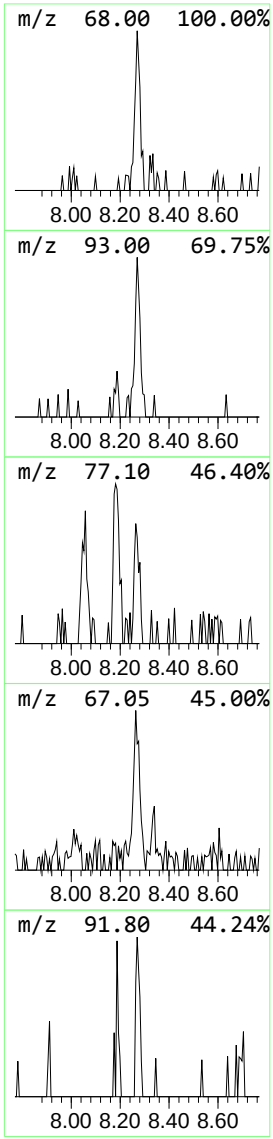
****

Peak Number 3 unknown8.26 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.269	2.95 ng	24832	1,4-Dichlorobenzene-d4	8.052

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	49
2	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	46
3	Limonene	136	C10H16	000138-86-3	43
4	Cyclohexene, 4-ethenyl-1,4-dimet...	136	C10H16	001743-61-9	43
5	Cyclohexanol, 1-methyl-4-(1-meth...	196	C12H20O2	010198-23-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
Data File : BG048863.D
Acq On : 23 Apr 2021 14:50
Operator : CG/JU
Sample : M2107-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-32-10.5-11.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

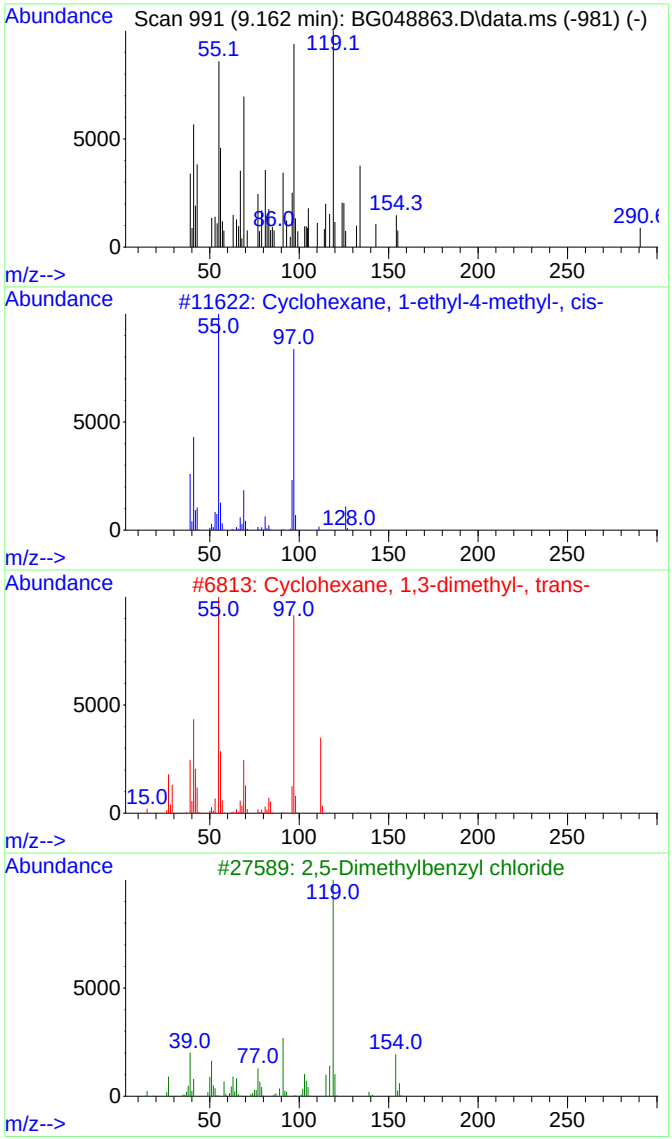
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

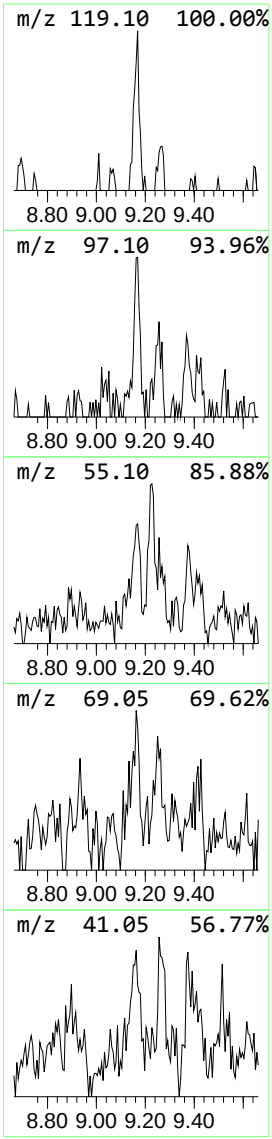
****

Peak Number 4 unknown9.16 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.162	6.46 ng	54293	1,4-Dichlorobenzene-d4	8.052

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	25
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	22
3	2,5-Dimethylbenzyl chloride	154	C9H11Cl	000824-45-3	20
4	1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	20
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
Data File : BG048863.D
Acq On : 23 Apr 2021 14:50
Operator : CG/JU
Sample : M2107-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-32-10.5-11.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

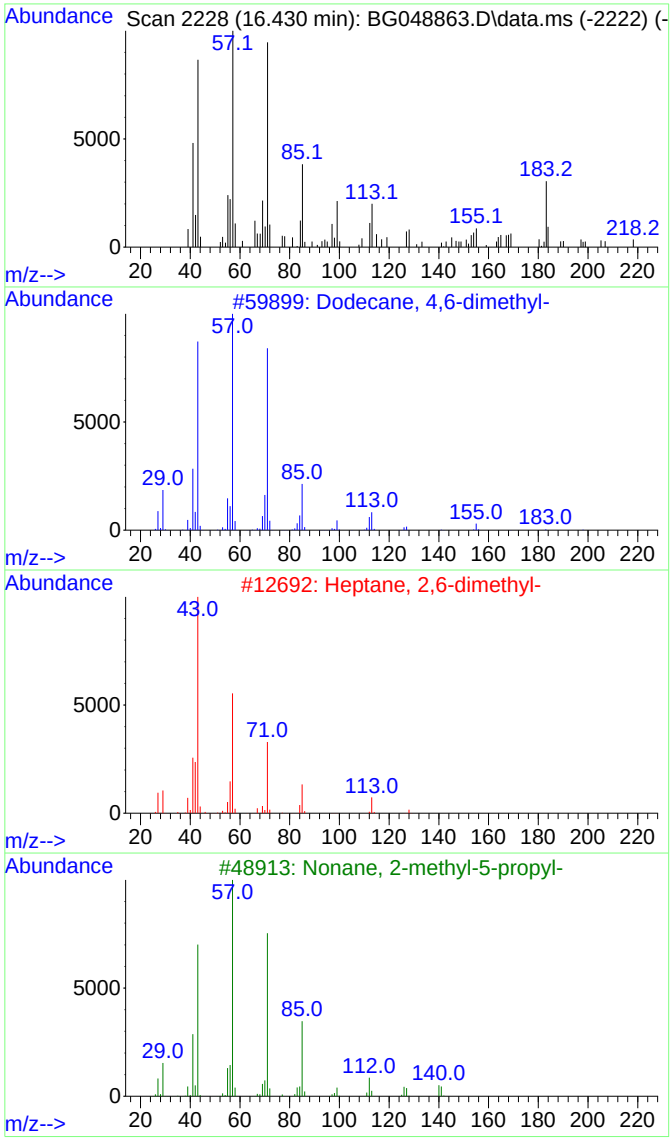
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

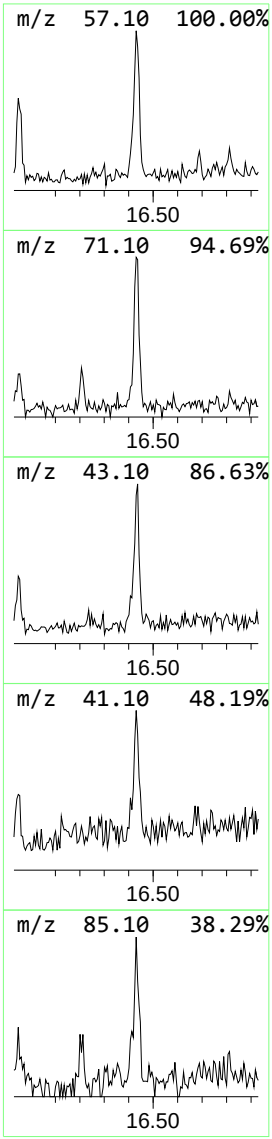
****

Peak Number 5 Dodecane, 4,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.430	4.55 ng	82751	Phenanthrene-d10	17.470

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	62
2	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	58
3	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	50
4	1-Nonene, 4,6,8-trimethyl-	168	C12H24	054410-98-9	47
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
Data File : BG048863.D
Acq On : 23 Apr 2021 14:50
Operator : CG/JU
Sample : M2107-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-32-10.5-11.0

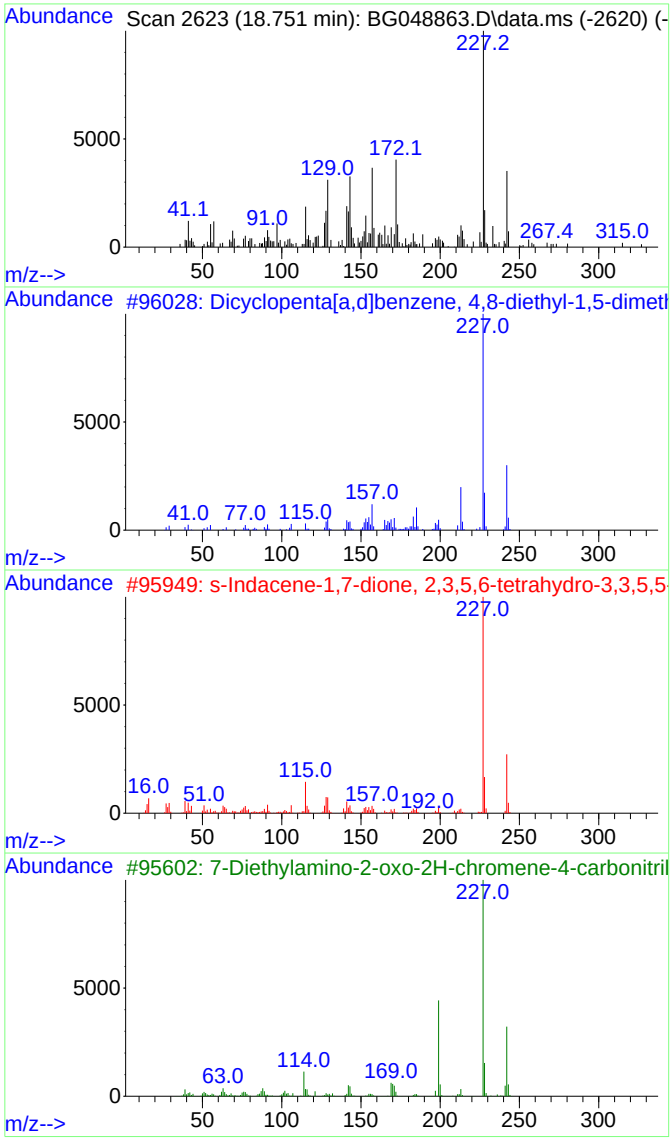
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

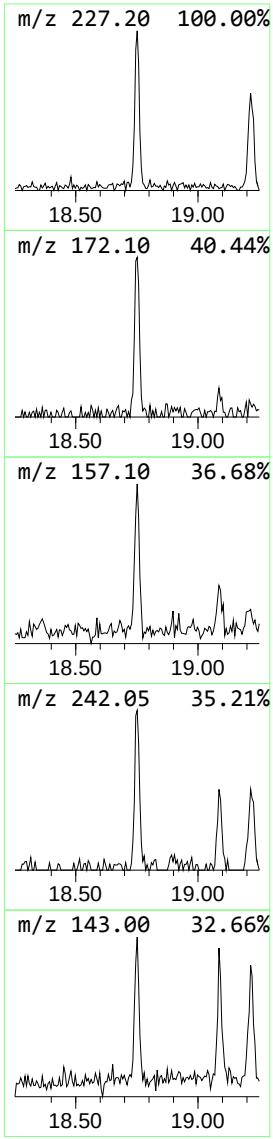
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Dicyclopenta[a,d]benzene, 4... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.751	6.57 ng	119424	Phenanthrene-d10	17.470

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dicyclopenta[a,d]benzene, 4,8-di...	242	C18H26	1000156-41-6	70
2	s-Indacene-1,7-dione, 2,3,5,6-te...	242	C16H18O2	055591-17-8	45
3	7-Diethylamino-2-oxo-2H-chromene...	242	C14H14N2O2	332411-59-3	43
4	Benzocyclopentene, 4,6,7-triethy...	242	C18H26	1000156-41-5	38
5	3-(6-Oxo-1-cyclohexen-1-yl)-2-in...	227	C14H13NO2	076325-86-5	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
Data File : BG048863.D
Acq On : 23 Apr 2021 14:50
Operator : CG/JU
Sample : M2107-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-32-10.5-11.0

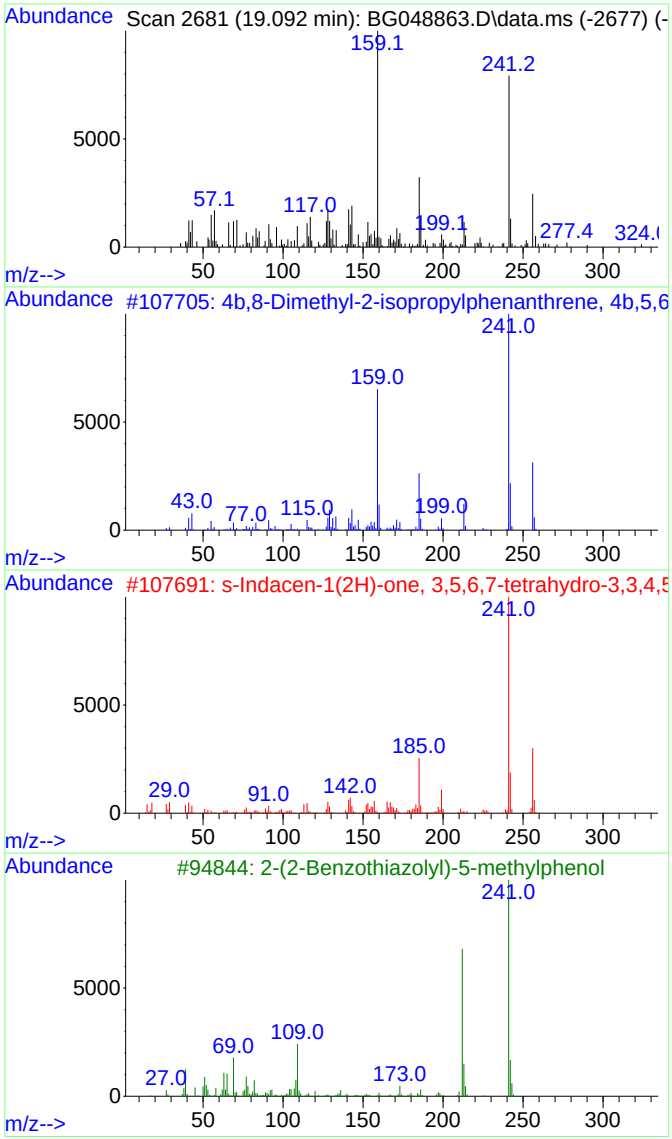
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

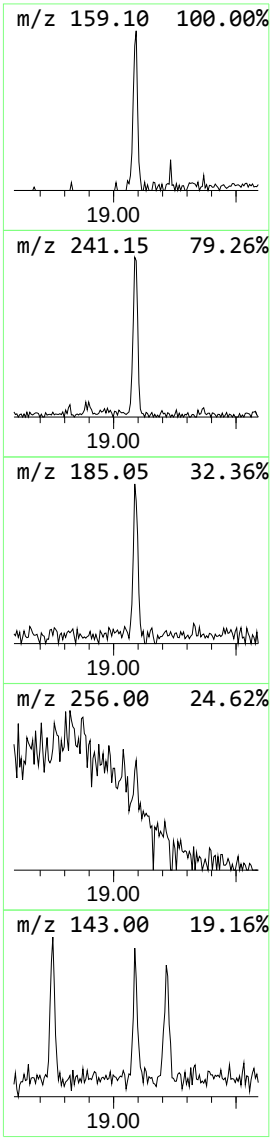
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4b,8-Dimethyl-2-isopropylph... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.092	11.37 ng	206674	Phenanthrene-d10	17.470

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	93
2	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	50
3	2-(2-Benzothiazolyl)-5-methylphenol	241	C14H11NOS	056048-54-5	42
4	1-Methyl-10,18-bisnorabieta-8,11...	256	C19H28	1000293-16-9	38
5	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1000212-95-2	38





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Data File : BG048863.D
Acq On : 23 Apr 2021 14:50
Operator : CG/JU
Sample : M2107-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-32-10.5-11.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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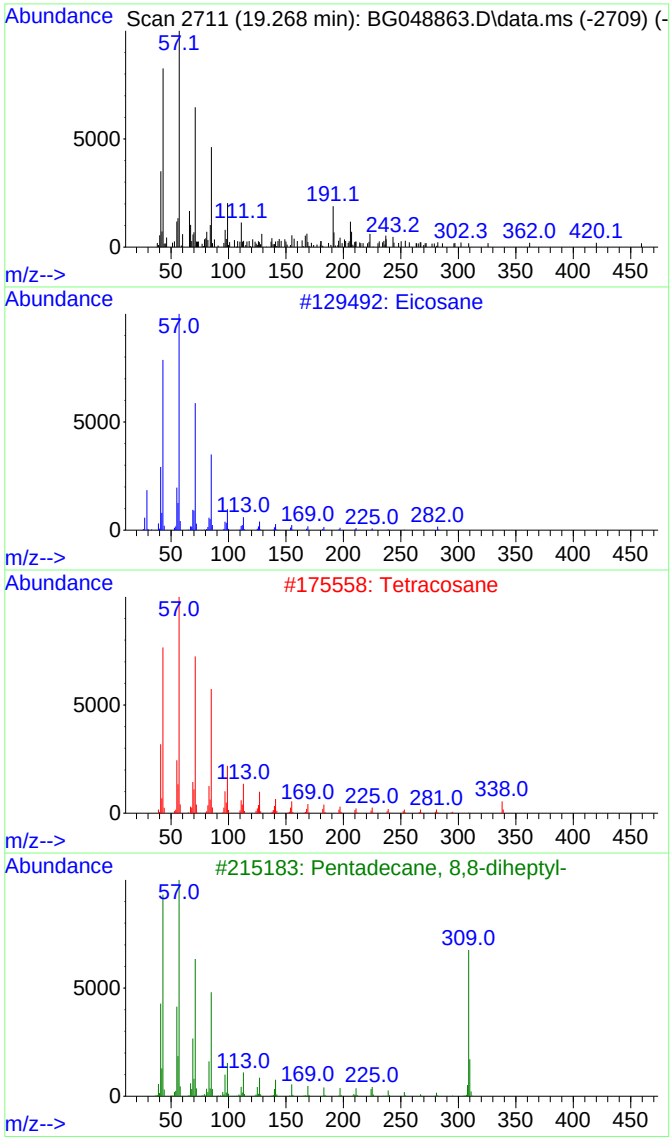
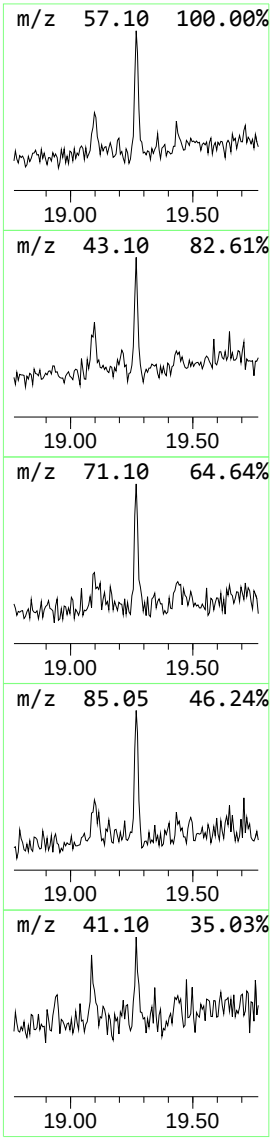
Peak Number 8 Eicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.268	4.86 ng	88332	Phenanthrene-d10	17.470

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	64
2	Tetracosane	338	C24H50	000646-31-1	59
3	Pentadecane, 8,8-diheptyl-	408	C29H60	055268-72-9	59
4	Heneicosane	296	C21H44	000629-94-7	59
5	Octadecane	254	C18H38	000593-45-3	58





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Operator : CG/JU
Sample : M2107-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-32-10.5-11.0

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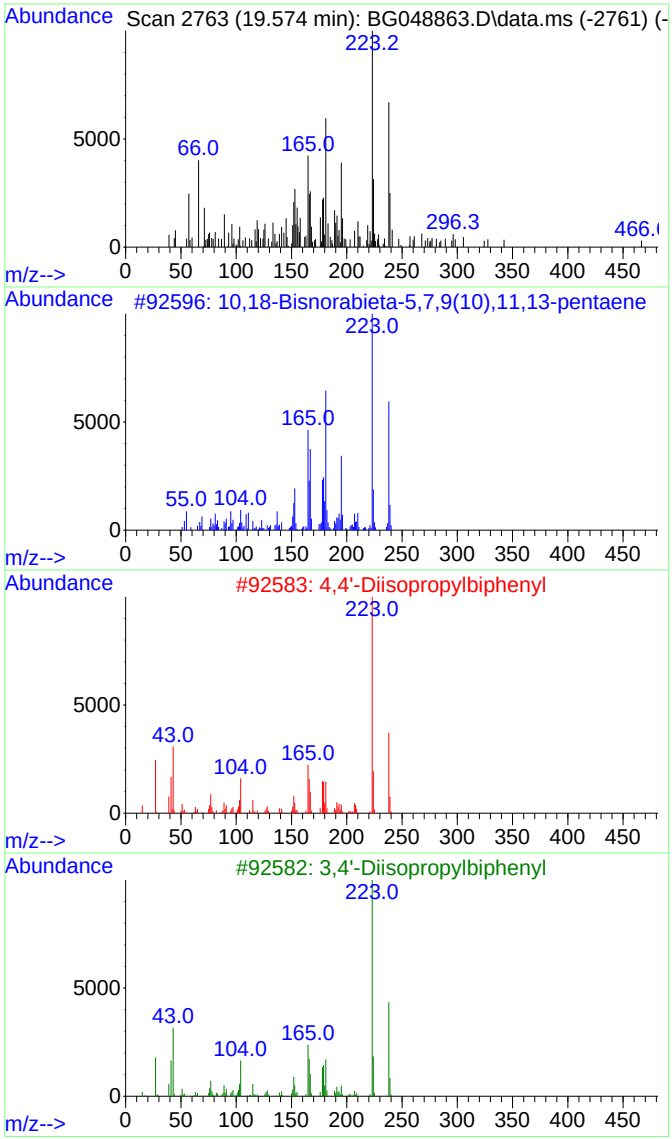
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

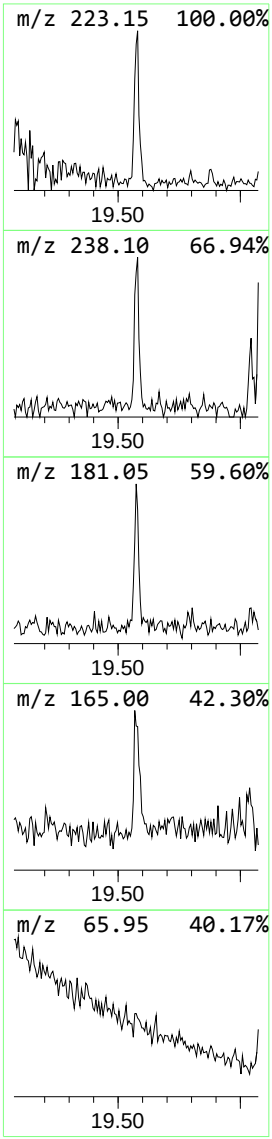
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.574	3.89 ng	70749	Phenanthrene-d10	17.470

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	90
2	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	47
3	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	35
4	Dimethyl bicyclo[2.2.1]-2,5-hept...	208	C11H12O4	000947-57-9	25
5	Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	22





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Operator : CG/JU
Sample : M2107-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-32-10.5-11.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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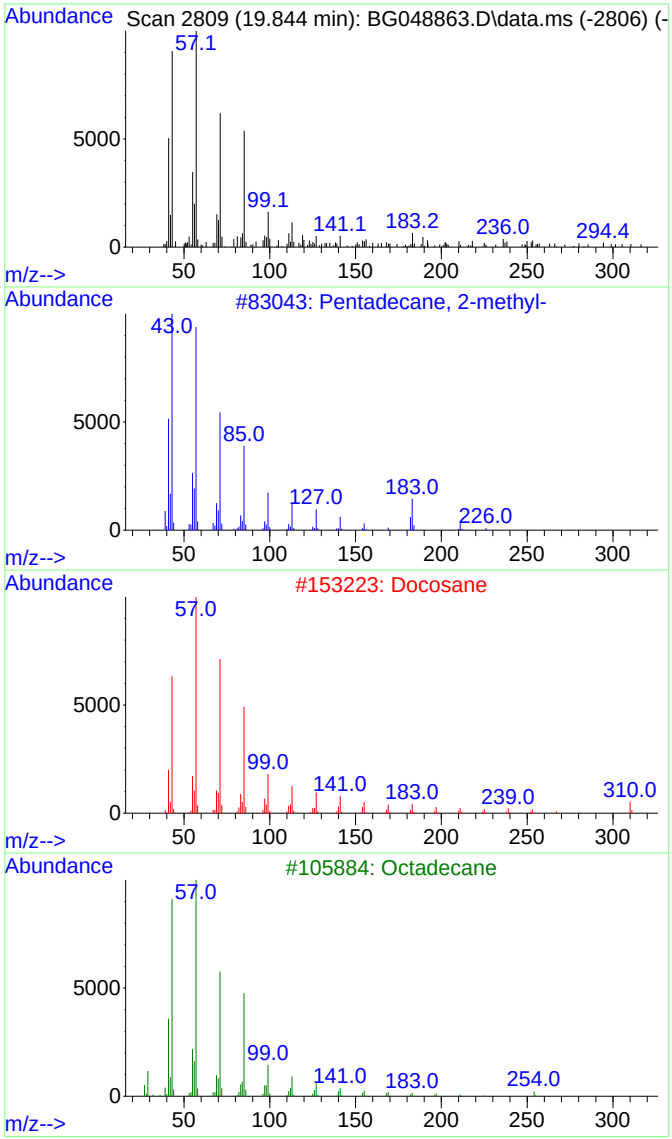
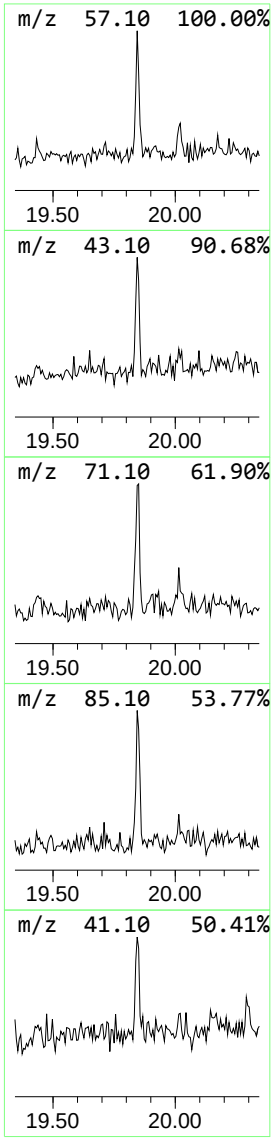
Peak Number 10 Pentadecane, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.844	5.32 ng	94208	Chrysene-d12	21.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	93
2	Docosane	310	C22H46	000629-97-0	89
3	Octadecane	254	C18H38	000593-45-3	83
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	83
5	Heneicosane	296	C21H44	000629-94-7	80





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Acq On : 23 Apr 2021 14:50
Operator : CG/JU
Sample : M2107-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-32-10.5-11.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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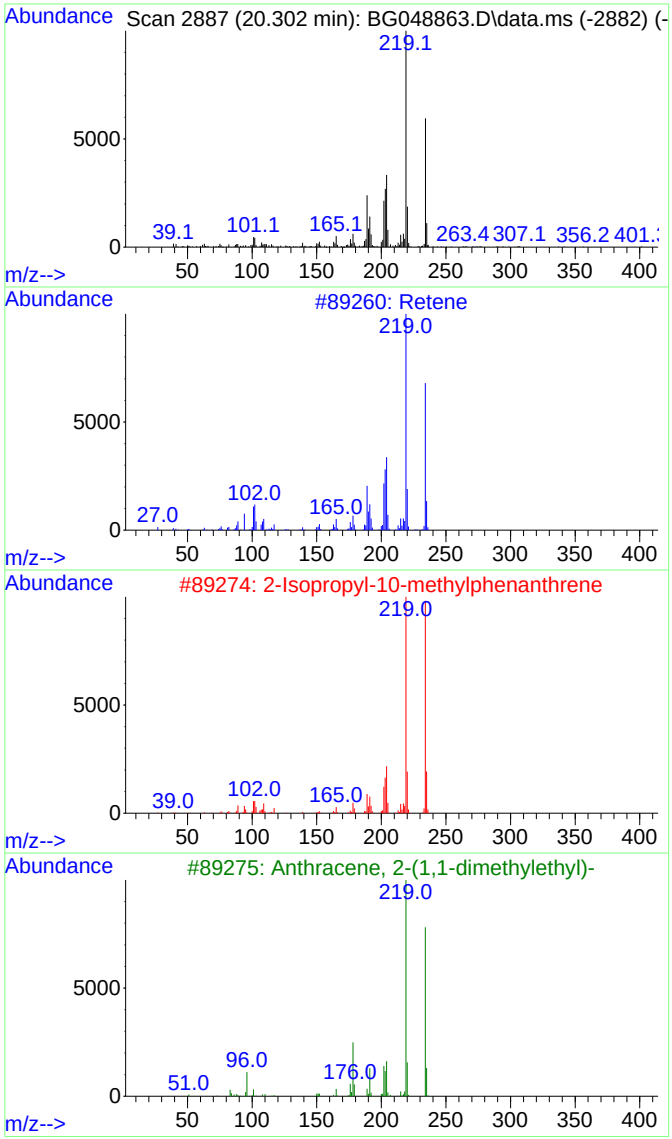
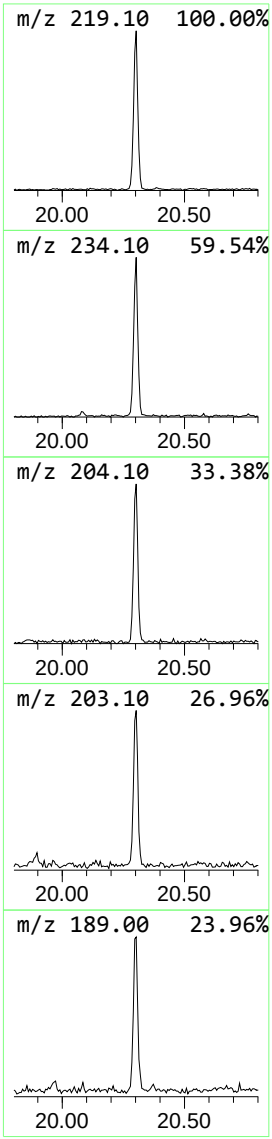
Peak Number 11 Retene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.302	24.58 ng	435586	Chrysene-d12	21.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	98
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	94
3	Anthracene, 2-(1,1-dimethylethyl)-	234	C18H18	018801-00-8	64
4	1-(10-Methylanthracen-9-yl)ethanone	234	C17H14O	036778-18-4	62
5	3-Isopropylamino-6-methyl-6,7-di...	234	C13H18N2O2	145220-69-5	47





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Operator : CG/JU
Sample : M2107-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-32-10.5-11.0

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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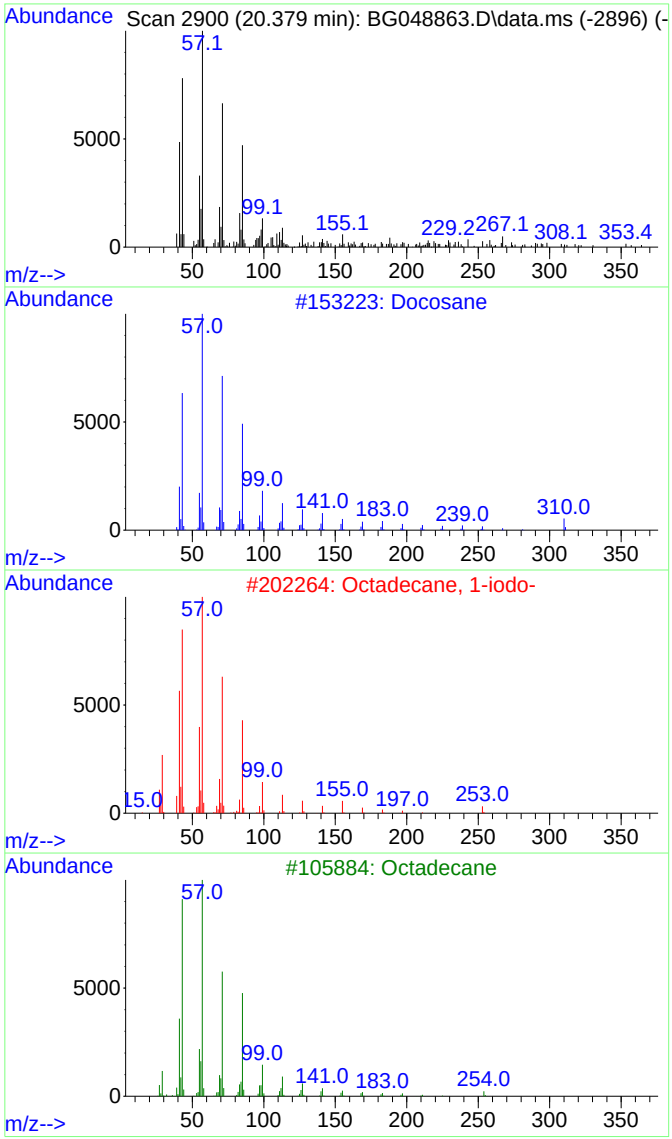
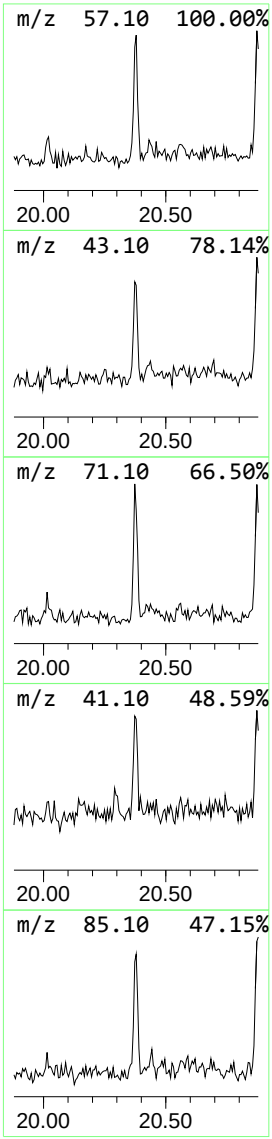
Peak Number 12 Docosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.379	8.48 ng	150224	Chrysene-d12	21.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	91
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
3	Octadecane	254	C18H38	000593-45-3	87
4	Hexacosane	366	C26H54	000630-01-3	83
5	Eicosane	282	C20H42	000112-95-8	83





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Acq On : 23 Apr 2021 14:50
Operator : CG/JU
Sample : M2107-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-32-10.5-11.0

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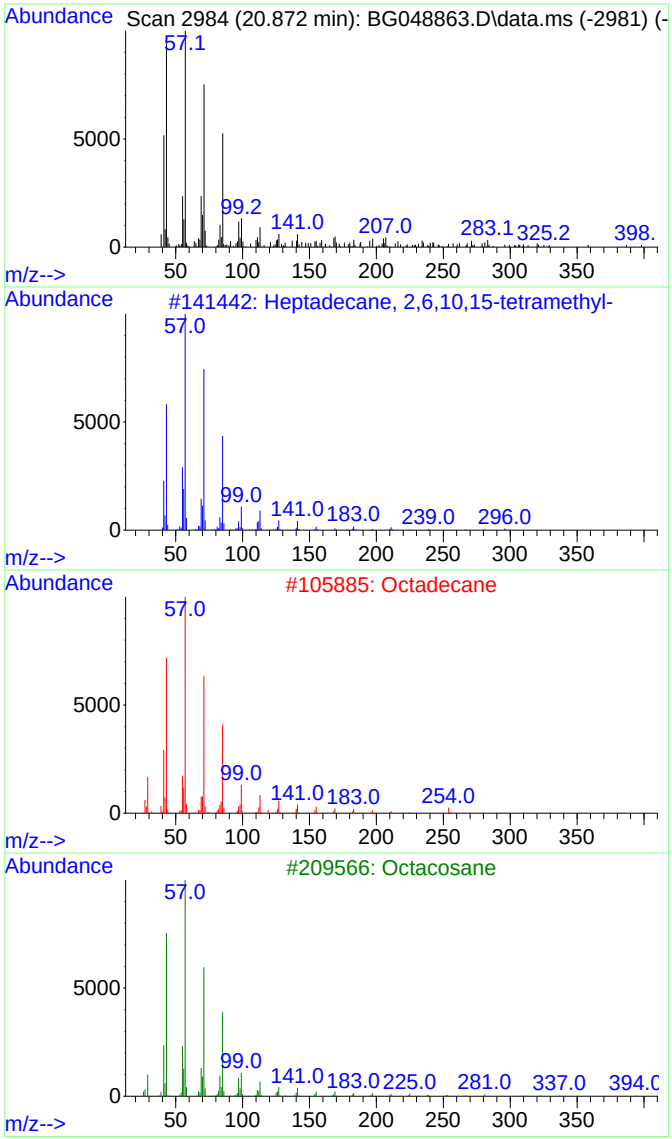
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

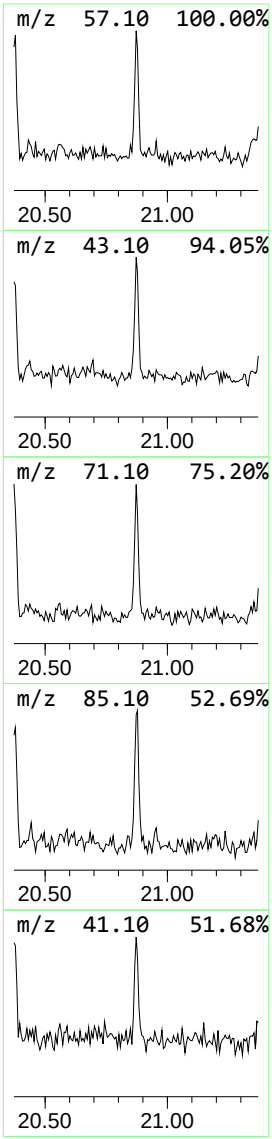
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Heptadecane, 2,6,10,15-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.872	9.30 ng	164864	Chrysene-d12	21.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2	Octadecane	254	C18H38	000593-45-3	91
3	Octacosane	394	C28H58	000630-02-4	87
4	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	87
5	Nonadecane	268	C19H40	000629-92-5	87





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Operator : CG/JU
Sample : M2107-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-32-10.5-11.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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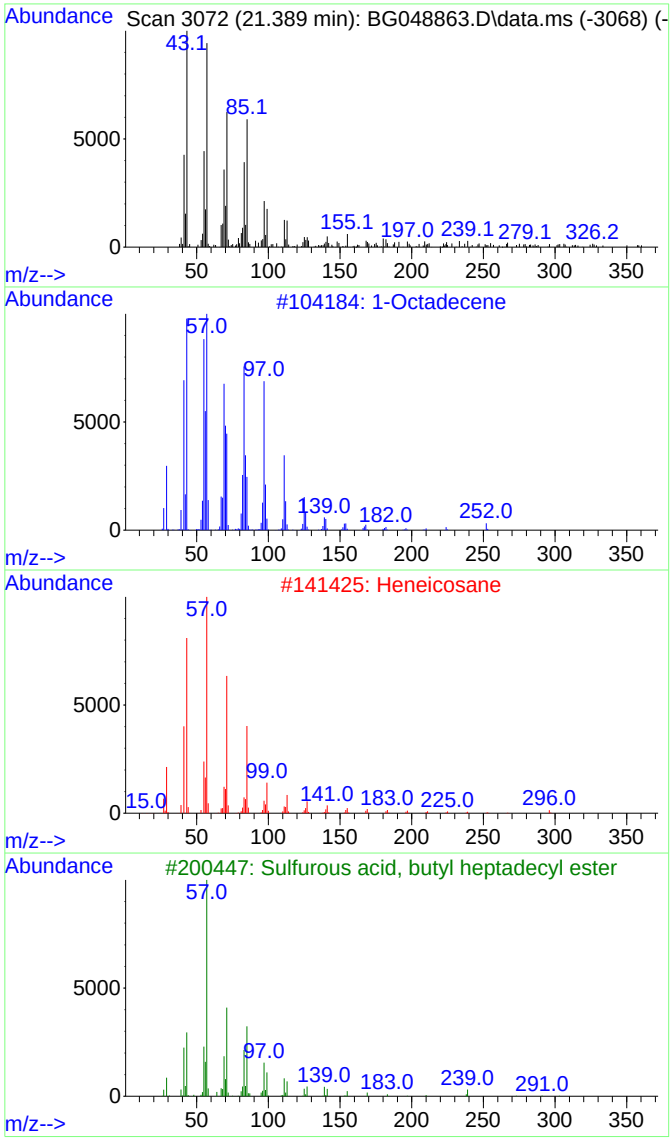
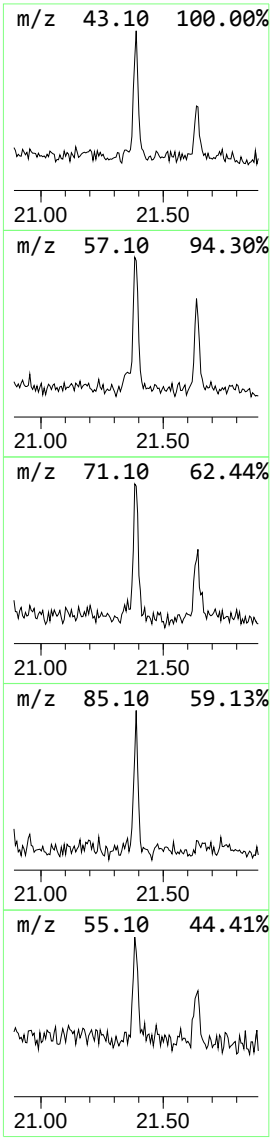
Peak Number 14 1-Octadecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.389	14.78 ng	262006	Chrysene-d12	21.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	89
2	Heneicosane	296	C21H44	000629-94-7	86
3	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	83
4	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	74
5	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	64





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Operator : CG/JU
Sample : M2107-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-32-10.5-11.0

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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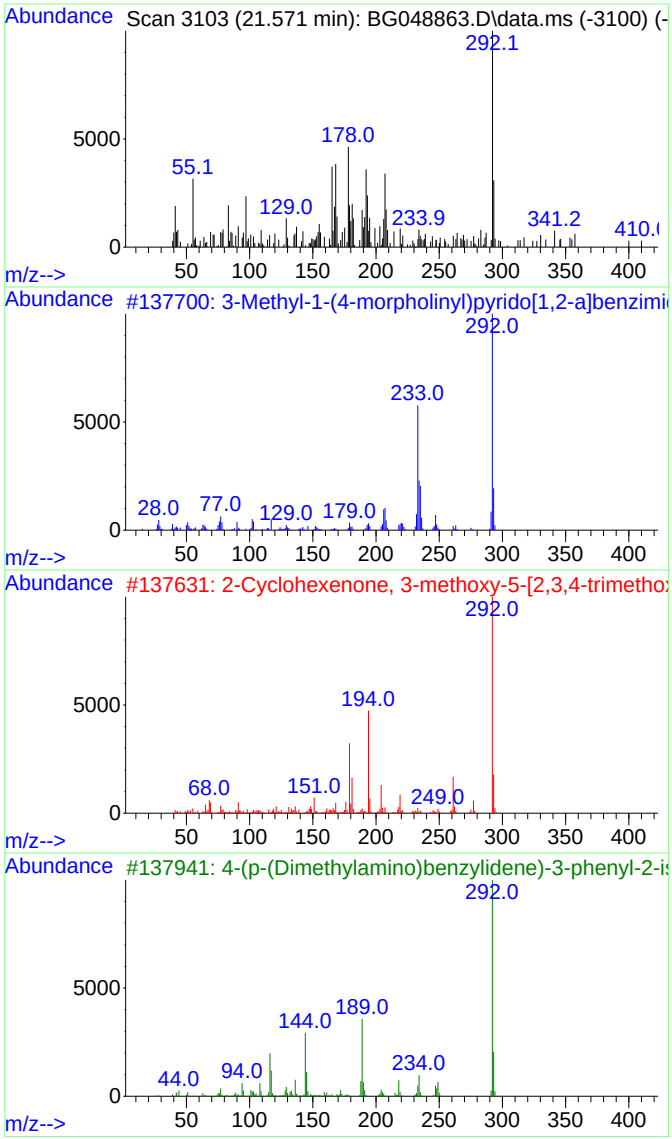
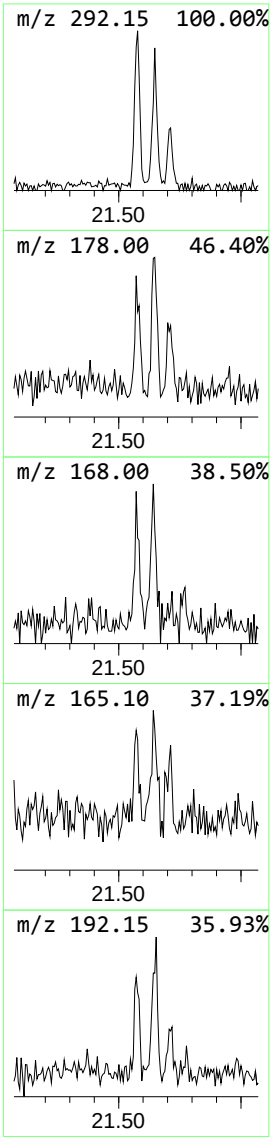
Peak Number 15 unknown21.57 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.571	4.55 ng	80652	Chrysene-d12	21.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-1-(4-morpholinyl)pyrido...	292	C17H16N4O	1000331-84-7	27
2	2-Cyclohexenone, 3-methoxy-5-[2,...	292	C16H20O5	119101-25-6	27
3	4-(p-(Dimethylamino)benzylidene)...	292	C18H16N2O2	065156-10-7	25
4	Fluoranthene, 2-(phenylmethyl)-	292	C23H16	039180-70-6	25
5	Aniline, p,p'-(p-phenylenedioxy)di-	292	C18H16N2O2	003491-12-1	22





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Operator : CG/JU
Sample : M2107-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-32-10.5-11.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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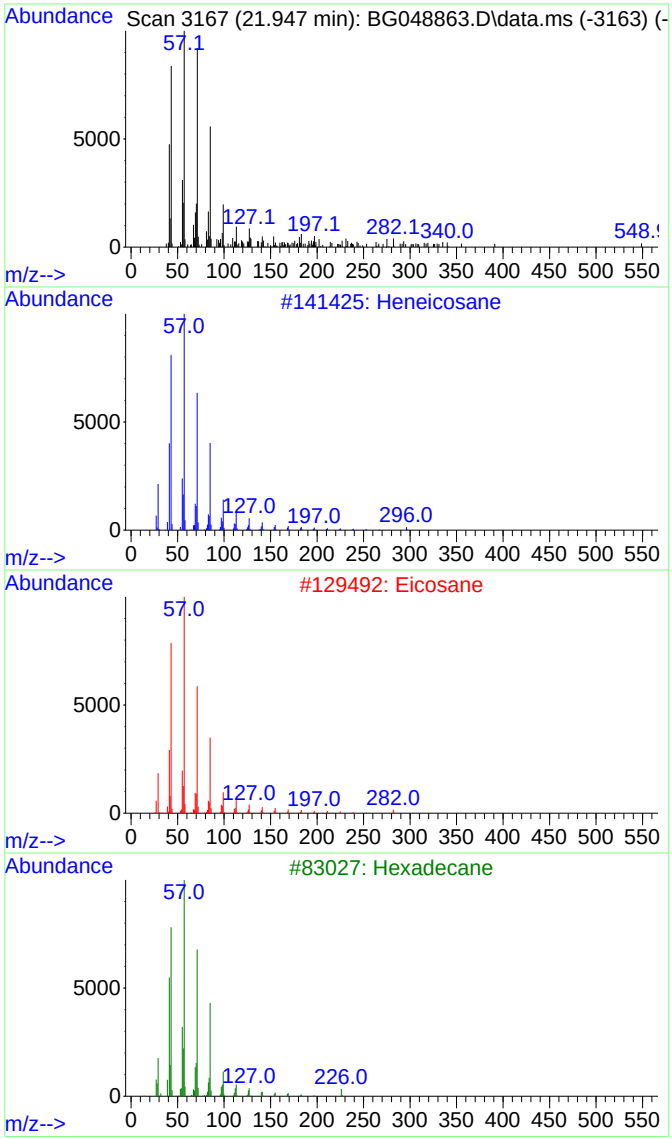
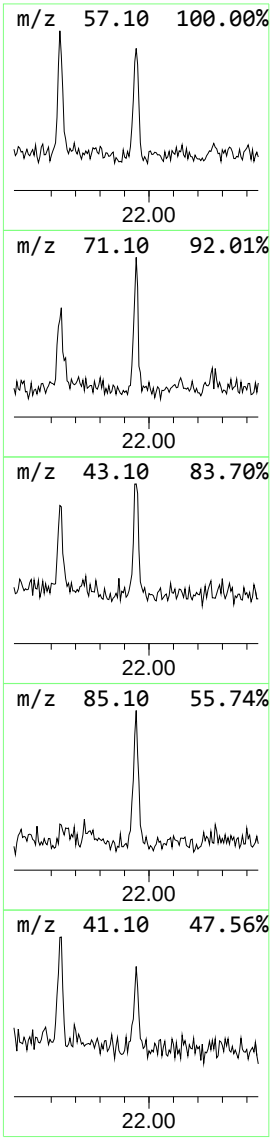
Peak Number 17 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.947	6.04 ng	106971	Chrysene-d12	21.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	83
2	Eicosane	282	C20H42	000112-95-8	81
3	Hexadecane	226	C16H34	000544-76-3	80
4	Heptacosane	380	C27H56	000593-49-7	72
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	58





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-32-10.5-11.0

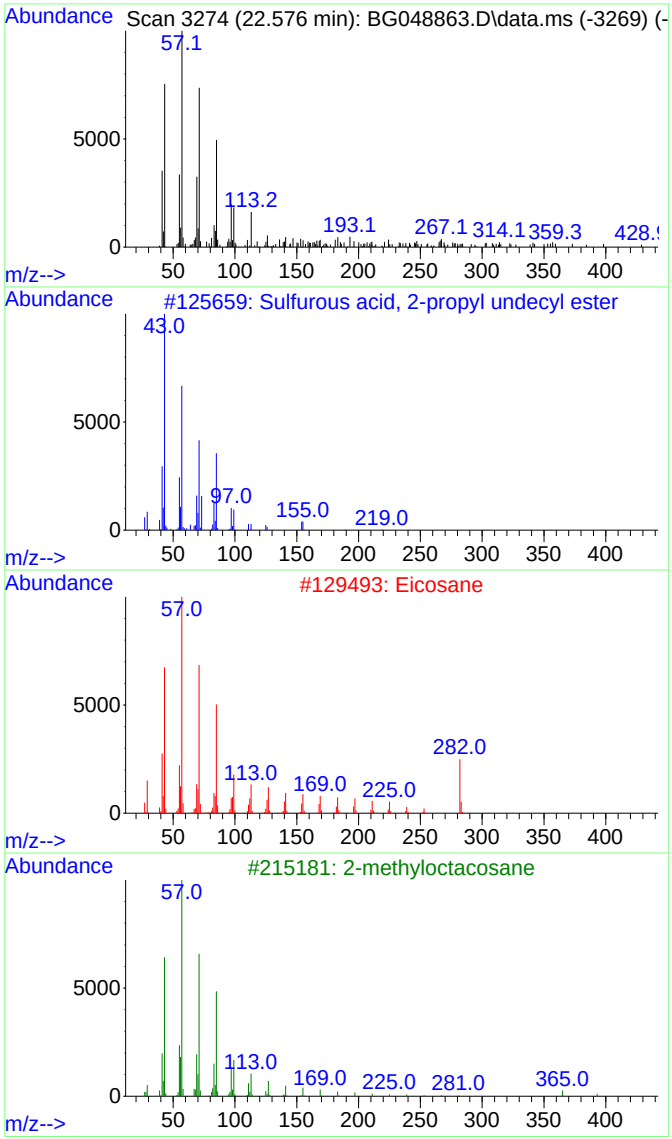
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

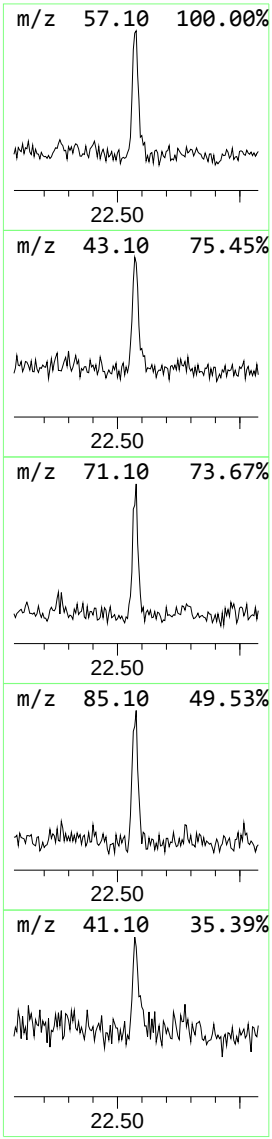
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Sulfurous acid, 2-propyl un... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.576	8.43 ng	149423	Chrysene-d12	21.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	78
2	Eicosane	282	C20H42	000112-95-8	72
3	2-methyloctacosane	408	C29H60	1000376-72-8	72
4	Tetracontane	563	C40H82	004181-95-7	72
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	72





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Sample : M2107-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-32-10.5-11.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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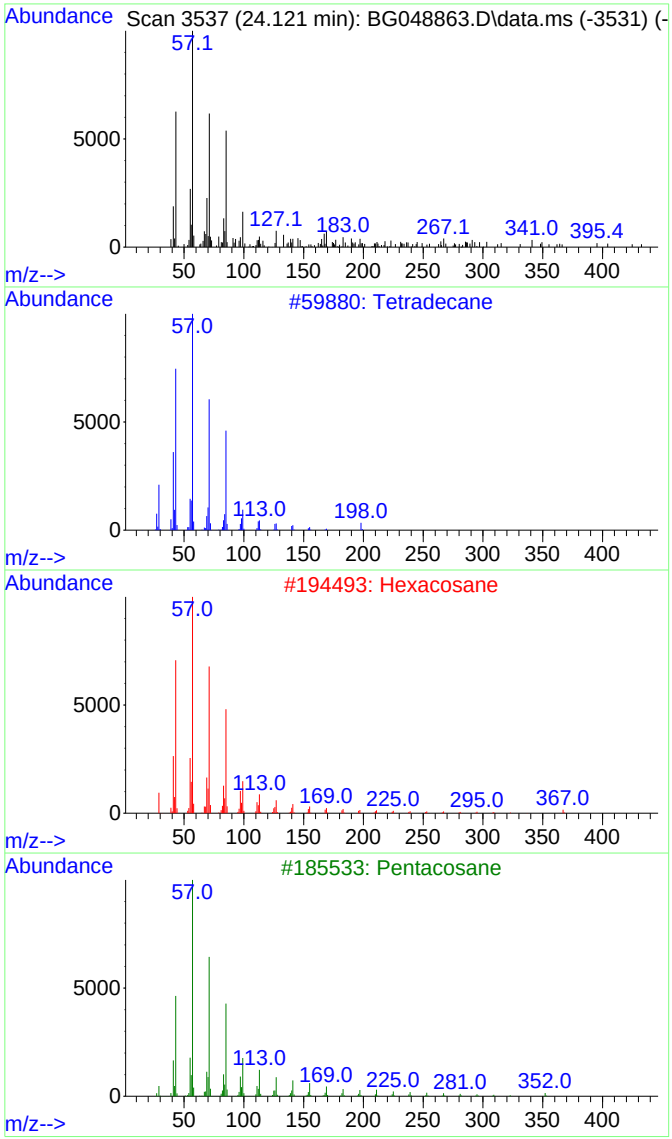
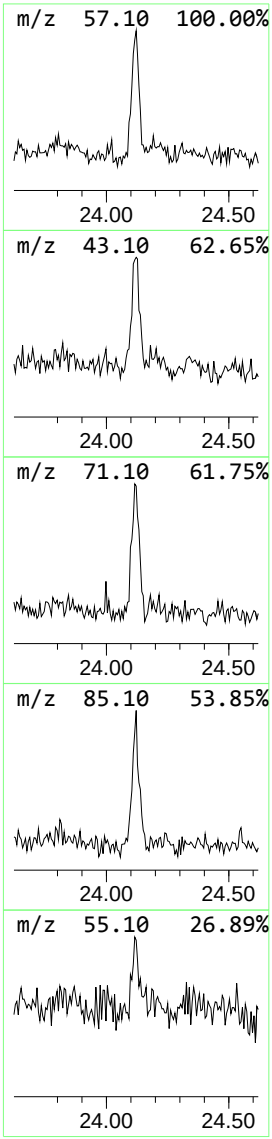
Peak Number 19 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.121	6.64 ng	144572	Perylene-d12	25.102

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	81
2	Hexacosane	366	C26H54	000630-01-3	72
3	Pentacosane	352	C25H52	000629-99-2	72
4	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	72
5	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	64





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Acq On : 23 Apr 2021 14:50
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Sample : M2107-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-32-10.5-11.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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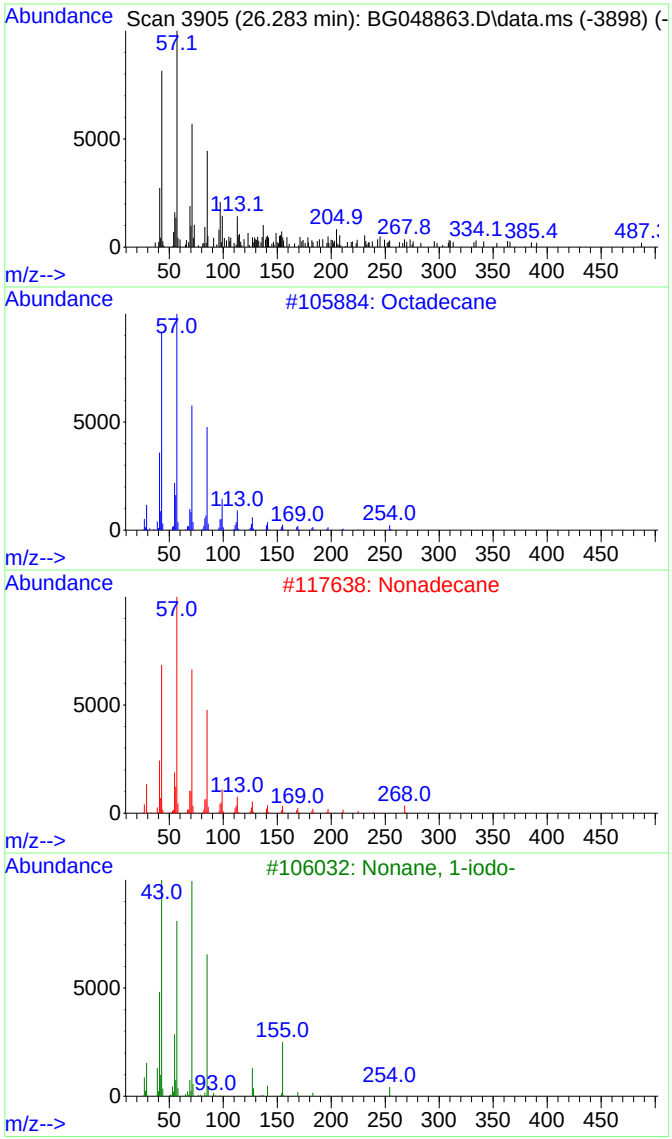
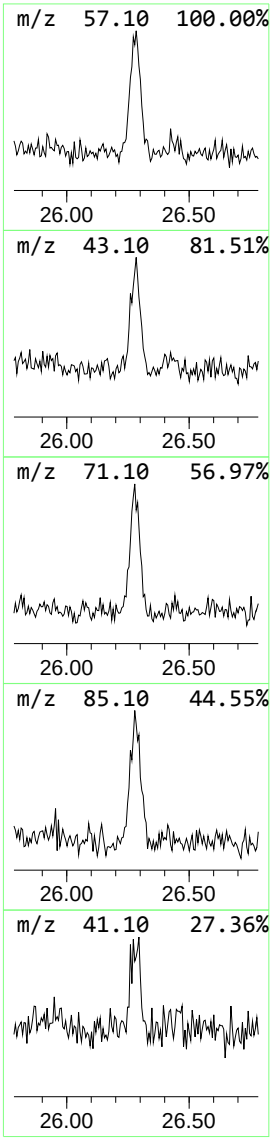
Peak Number 20 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.283	7.14 ng	155449	Perylene-d12	25.102

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	83
2	Nonadecane	268	C19H40	000629-92-5	64
3	Nonane, 1-iodo-	254	C9H19I	004282-42-2	53
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	53
5	Hentriacontane	437	C31H64	000630-04-6	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
Data File : BG048863.D
Acq On : 23 Apr 2021 14:50
Operator : CG/JU
Sample : M2107-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-32-10.5-11.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.54	7.541	3.0	ng	24854	1	8.052	168177	20.0
Benzene, 1-meth...	8.187	7.8	ng	65608	1	8.052	168177	20.0
unknown8.26	8.269	3.0	ng	24832	1	8.052	168177	20.0
unknown9.16	9.162	6.5	ng	54293	1	8.052	168177	20.0
Dodecane, 4,6-d...	16.430	4.5	ng	82751	4	17.470	363394	20.0
Dicyclopenta[a,...	18.751	6.6	ng	119424	4	17.470	363394	20.0
4b,8-Dimethyl-2...	19.092	11.4	ng	206674	4	17.470	363394	20.0
Eicosane	19.268	4.9	ng	88332	4	17.470	363394	20.0
10,18-Bisnorabi...	19.574	3.9	ng	70749	4	17.470	363394	20.0
Pentadecane, 2-...	19.844	5.3	ng	94208	5	21.771	354447	20.0
Retene	20.302	24.6	ng	435586	5	21.771	354447	20.0
Docosane	20.379	8.5	ng	150224	5	21.771	354447	20.0
Heptadecane, 2,...	20.872	9.3	ng	164864	5	21.771	354447	20.0
1-Octadecene	21.389	14.8	ng	262006	5	21.771	354447	20.0
unknown21.57	21.571	4.5	ng	80652	5	21.771	354447	20.0
Heneicosane	21.947	6.0	ng	106971	5	21.771	354447	20.0
Sulfurous acid,...	22.576	8.4	ng	149423	5	21.771	354447	20.0
Tetradecane	24.121	6.6	ng	144572	6	25.102	435455	20.0
Octadecane	26.283	7.1	ng	155449	6	25.102	435455	20.0