LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054828.D
Acq On : 1 Sep 2022 19:02
Operator : CG/JU
Sample : N4439-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KTS2-TR-01-0-5

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-BG082522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054828.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.769	71	82	93	rBV3	24310	51158	2.36%	0.285%
2	4.268	157	167	176	rVB	14359	27920	1.29%	0.156%
3	4.615	213	226	236	rVB6	7091	25928	1.19%	0.144%
4	5.209	321	327	332	rBV	50815	84539	3.89%	0.471%
5	5.690	401	409	416	rBV	674323	1102047	50.76%	6.141%
6	5.755	416	420	430	rVB	18344	37221	1.71%	0.207%
7	6.125	477	483	490	rBV3	31268	56759	2.61%	0.316%
8	6.613	558	566	572	rBV7	15105	36604	1.69%	0.204%
9	6.777	586	594	606	rVB4	15938	49033	2.26%	0.273%
10	7.112	641	651	657	rBV3	12728	23822	1.10%	0.133%
11	7.300	674	683	690	rBV	668165	1200365	55.29%	6.689%
12	7.518	715	720	727	rBV3	14377	25857	1.19%	0.144%
13	7.747	754	759	762	rBV	19035	27303	1.26%	0.152%
14	7.788	762	766	770	rVB	23682	33597	1.55%	0.187%
15	8.099	815	819	822	rBV	15243	22924	1.06%	0.128%
16	8.146	822	827	842	rVB	165327	303765	13.99%	1.693%
17	8.693	916	920	930	rVB4	8920	22456	1.03%	0.125%
18	8.787	930	936	945	rBV4	17483	34823	1.60%	0.194%
19	9.257	1004	1016	1019	rBV8	11534	31382	1.45%	0.175%
20	9.321	1019	1027	1033	rBV	405762	756455	34.84%	4.215%
21	10.361	1198	1204	1210	rBV5	16041	29992	1.38%	0.167%
22	10.914	1293	1298	1302	rBV	40074	61031	2.81%	0.340%
23	10.972	1302	1308	1313	rVV	230776	426659	19.65%	2.378%
24	11.025	1313	1317	1324	rVV	86790	153427	7.07%	0.855%
25	11.102	1324	1330	1336	rVB	21712	35260	1.62%	0.196%
26	11.660	1422	1425	1436	rVB10	10912	25777	1.19%	0.144%
27	11.860	1454	1459	1467	rVB5	15393	31720	1.46%	0.177%
28	11.965	1467	1477	1483	rBV	47345	84901	3.91%	0.473%
29	12.353	1537	1543	1548	rBV	54257	79800	3.68%	0.445%
30	12.618	1583	1588	1595	rVB	130965	216782	9.98%	1.208%
31	12.835	1619	1625	1632	rBV	100946	167754	7.73%	0.935%
32	13.299	1699	1704	1712	rVB	32140	52605	2.42%	0.293%
33	13.405	1714	1722	1731	rVB	1147725	1763663	81.23%	9.828%
34	13.581	1747	1752	1756	rBV	67492	111735	5.15%	0.623%
35	13.616	1756	1758	1763	rVB	35389	43779	2.02%	0.244%
36	13.810	1786	1791	1800	rVB	25271	62432	2.88%	0.348%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054828.D
Acq On : 1 Sep 2022 19:02
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Sample : N4439-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5

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-BG082522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.945	1807	1814	1815	rBV	51737	82545	3.80%	0.460%
38	14.098	1835	1840	1845	rBV	94776	167411	7.71%	0.933%
39	14.151	1845	1849	1854	rVV	76255	117043	5.39%	0.652%
40	14.227	1854	1862	1867	rVB2	76632	157826	7.27%	0.879%
41	14.333	1876	1880	1885	rBV	53817	92029	4.24%	0.513%
42	14.504	1905	1909	1916	rVB2	37520	63452	2.92%	0.354%
43	14.650	1929	1934	1939	rVB	73341	99645	4.59%	0.555%
44	14.780	1944	1956	1962	rBV	355999	657548	30.29%	3.664%
45	14.850	1962	1968	1973	rVB3	41309	86489	3.98%	0.482%
46	14.991	1985	1992	1999	rVB2	29796	69928	3.22%	0.390%
47	15.062	1999	2004	2008	rBV4	19138	47263	2.18%	0.263%
48	15.173	2017	2023	2029	rVB2	107172	183594	8.46%	1.023%
49	15.244	2031	2035	2040	rBV3	38890	61071	2.81%	0.340%
50	15.391	2055	2060	2064	rBV	50594	88754	4.09%	0.495%
51	15.444	2064	2069	2073	rVB	41565	64432	2.97%	0.359%
52	15.561	2082	2089	2092	rBV4	60691	127139	5.86%	0.708%
53	15.596	2092	2095	2100	rVB2	120417	149924	6.91%	0.835%
54	15.732	2116	2118	2125	rVB2	23498	33535	1.54%	0.187%
55	15.814	2127	2132	2137	rBV2	78480	148642	6.85%	0.828%
56	16.113	2180	2183	2190	rVB	53614	80877	3.73%	0.451%
57	16.266	2203	2209	2216	rVB	842014	1274629	58.71%	7.103%
58	16.460	2237	2242	2243	rBV	110536	137196	6.32%	0.765%
59	16.484	2243	2246	2259	rVB2	157161	271774	12.52%	1.514%
60	17.177	2360	2364	2372	rBV2	66841	110232	5.08%	0.614%
61	17.253	2373	2377	2382	rVV	117216	167885	7.73%	0.936%
62	17.347	2390	2393	2400	rVB3	43370	63966	2.95%	0.356%
63	17.529	2418	2424	2428	rBV	405961	643559	29.64%	3.586%
64	17.571	2428	2431	2438	rVB	271012	385450	17.75%	2.148%
65	17.659	2443	2446	2450	rBV	50860	70772	3.26%	0.394%
66	17.994	2500	2503	2508	rVB2	105837	140258	6.46%	0.782%
67	18.405	2570	2573	2576	rBV	68380	92664	4.27%	0.516%
68	18.452	2577	2581	2586	rVB	141519	223243	10.28%	1.244%
69	18.587	2601	2604	2609	rBV2	74455	113267	5.22%	0.631%
70	18.687	2618	2621	2628	rBV2	88543	120994	5.57%	0.674%
71	18.898	2654	2657	2660	rVB	68780	78322	3.61%	0.436%
72	19.316	2724	2728	2733	rBV3	171440	275601	12.69%	1.536%
73	19.586	2770	2774	2779	rVB	389405	517359	23.83%	2.883%
74	19.938	2831	2834	2841	rVB	328936	474422	21.85%	2.644%
75	20.126	2861	2866	2871	rVB	1680198	2171141	100.00%	12.099%
76	21.824	3149	3155	3160	rBV2	355467	732233	33.73%	4.080%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054828.D
Acq On : 1 Sep 2022 19:02
Operator : CG/JU
Sample : N4439-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5

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-BG082522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

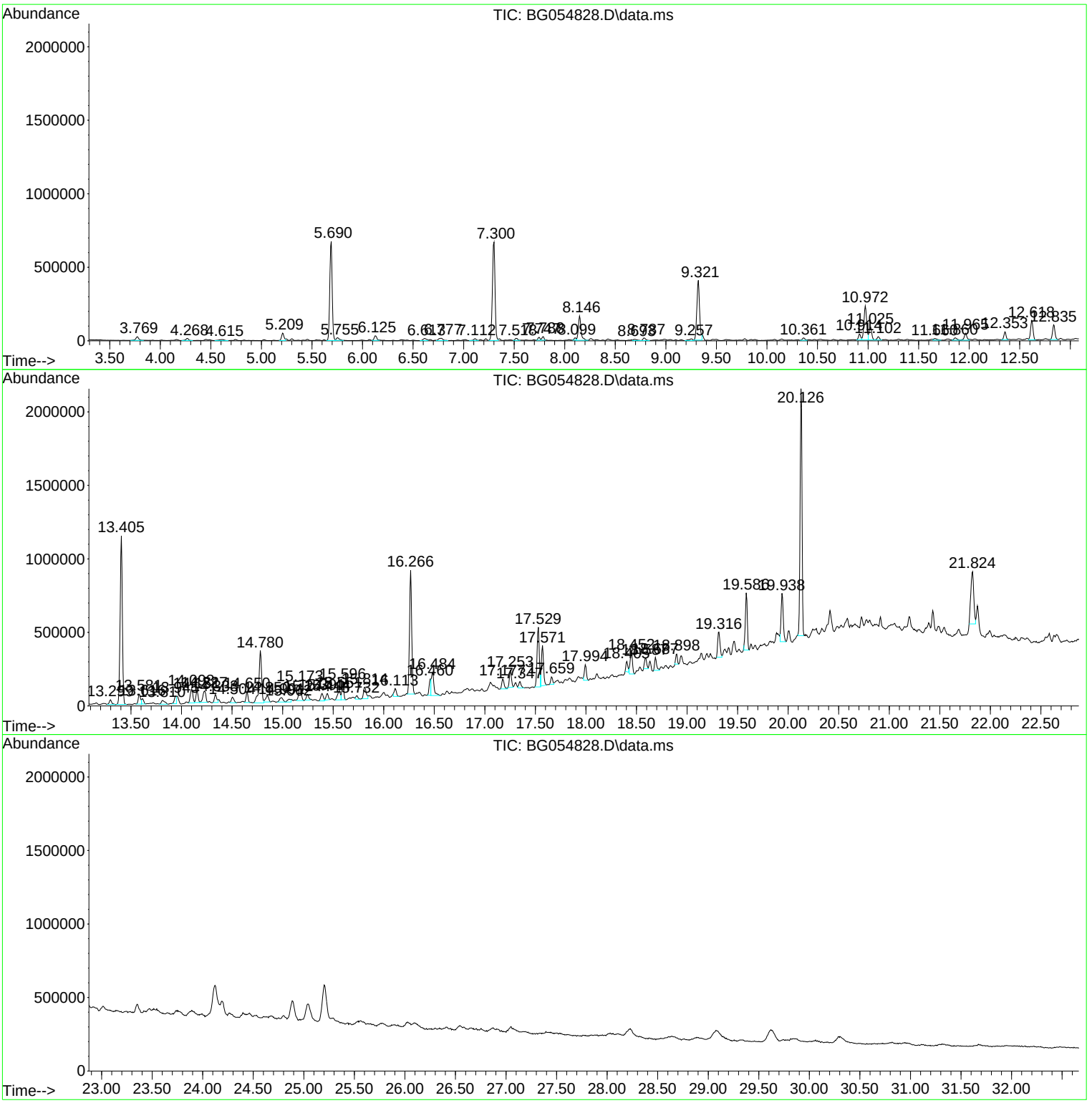
Sum of corrected areas: 17945389

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054828.D
Acq On : 1 Sep 2022 19:02
Operator : CG/JU
Sample : N4439-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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\BG090122\
Data File : BG054828.D
Acq On : 1 Sep 2022 19:02
Operator : CG/JU
Sample : N4439-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

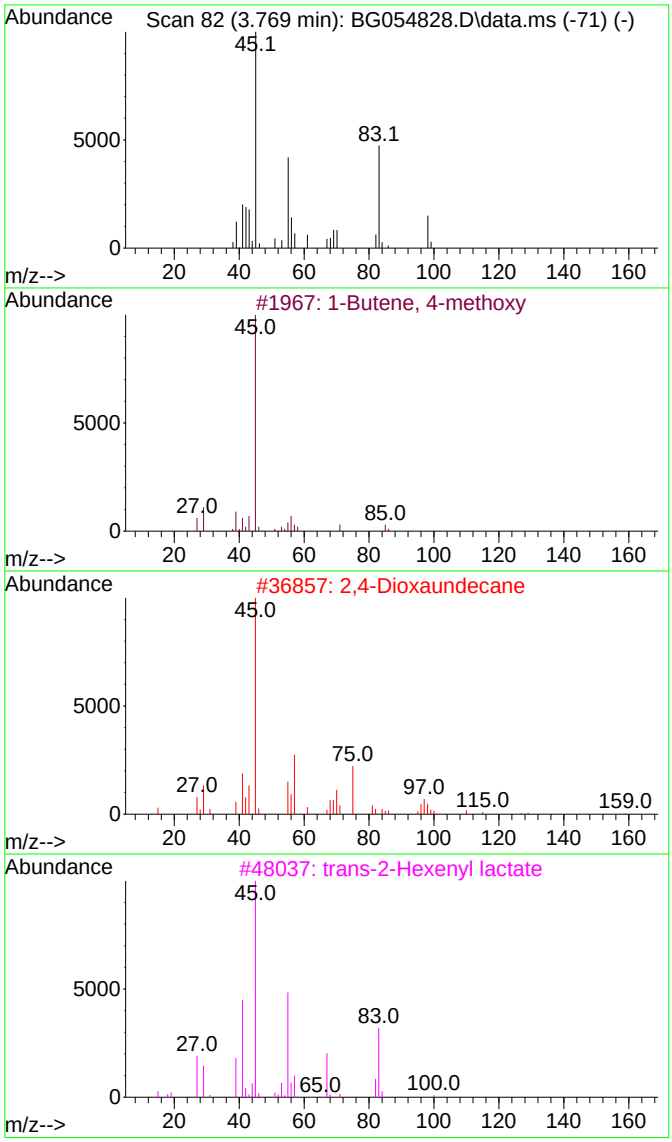
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

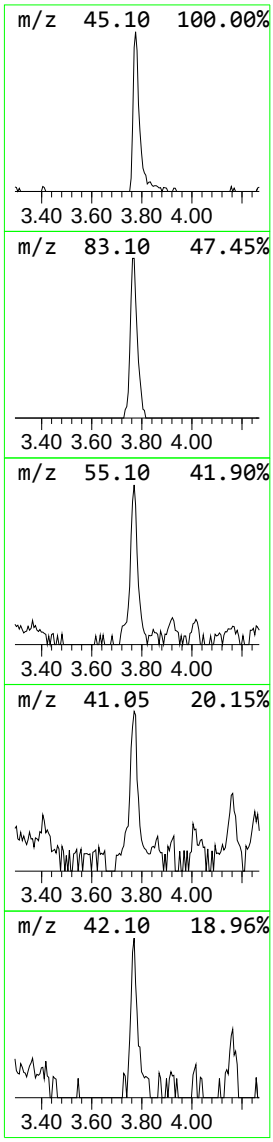
****

Peak Number 1 unknown3.769 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.769	3.37 ng	51158	1,4-Dichlorobenzene-d4	8.146

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene, 4-methoxy	86	C5H10O	004696-30-4	47
2	2,4-Dioxaundecane	160	C9H20O2	1010334-81-5	38
3	trans-2-Hexenyl lactate	172	C9H16O3	1000431-56-9	36
4	Methoxyacetic acid, heptyl ester	188	C10H20O3	168920-36-3	33
5	3-Hydroxy-2-methylbutanenitrile	99	C5H9NO	038046-46-7	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054828.D
Acq On : 1 Sep 2022 19:02
Operator : CG/JU
Sample : N4439-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5

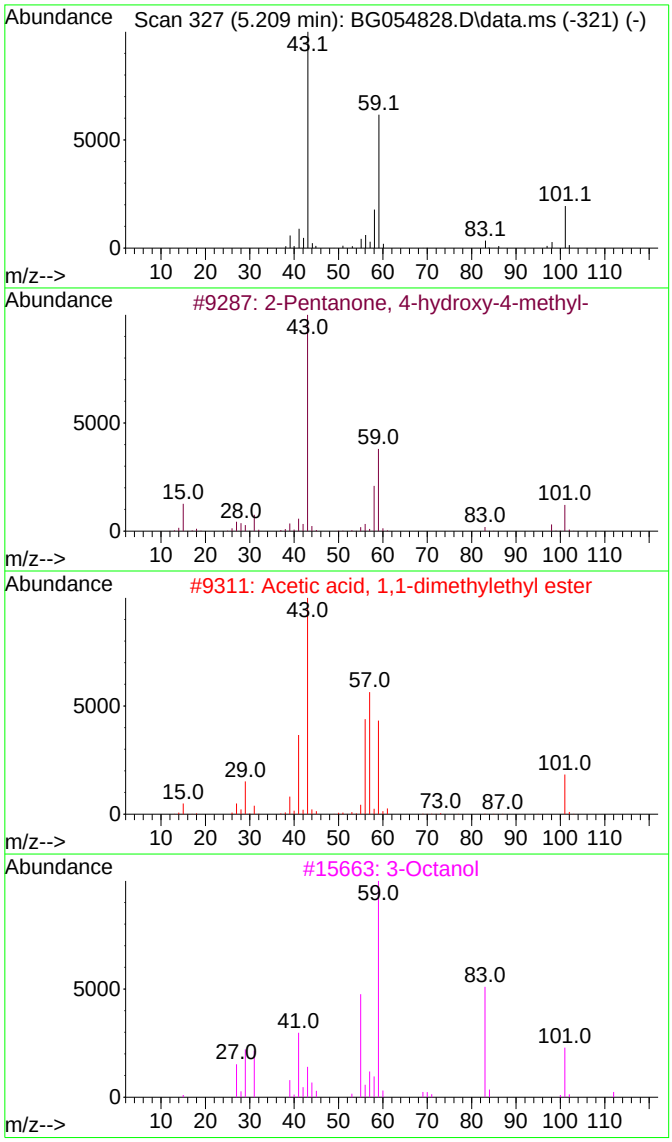
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

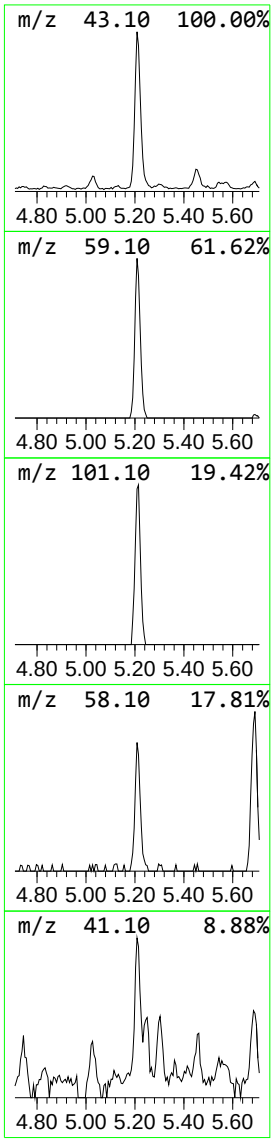
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.209	5.57 ng	84539	1,4-Dichlorobenzene-d4	8.146

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	3-Octanol	130	C8H18O	000589-98-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054828.D
Acq On : 1 Sep 2022 19:02
Operator : CG/JU
Sample : N4439-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

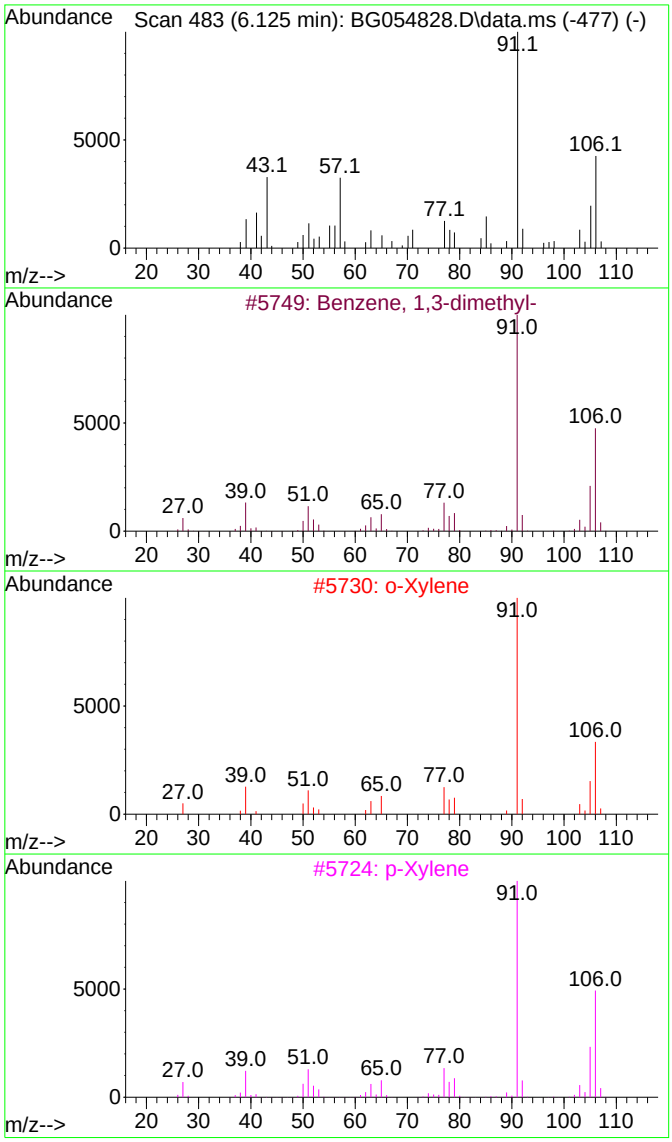
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

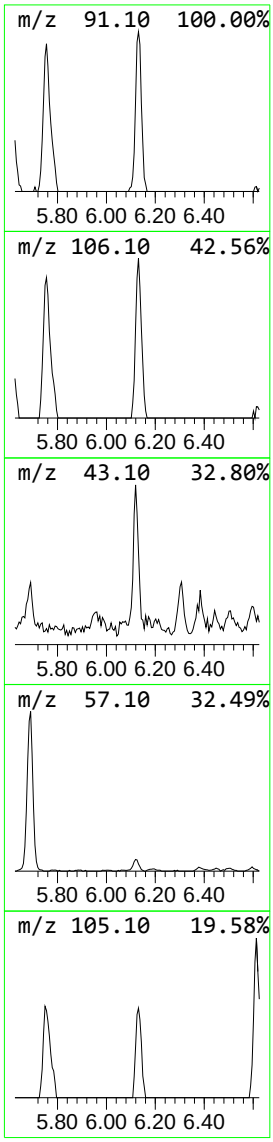
****

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.125	3.74 ng	56759	1,4-Dichlorobenzene-d4	8.146

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94
2	o-Xylene	106	C8H10	000095-47-6	93
3	p-Xylene	106	C8H10	000106-42-3	93
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	59
5	Ethylbenzene	106	C8H10	000100-41-4	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054828.D
Acq On : 1 Sep 2022 19:02
Operator : CG/JU
Sample : N4439-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

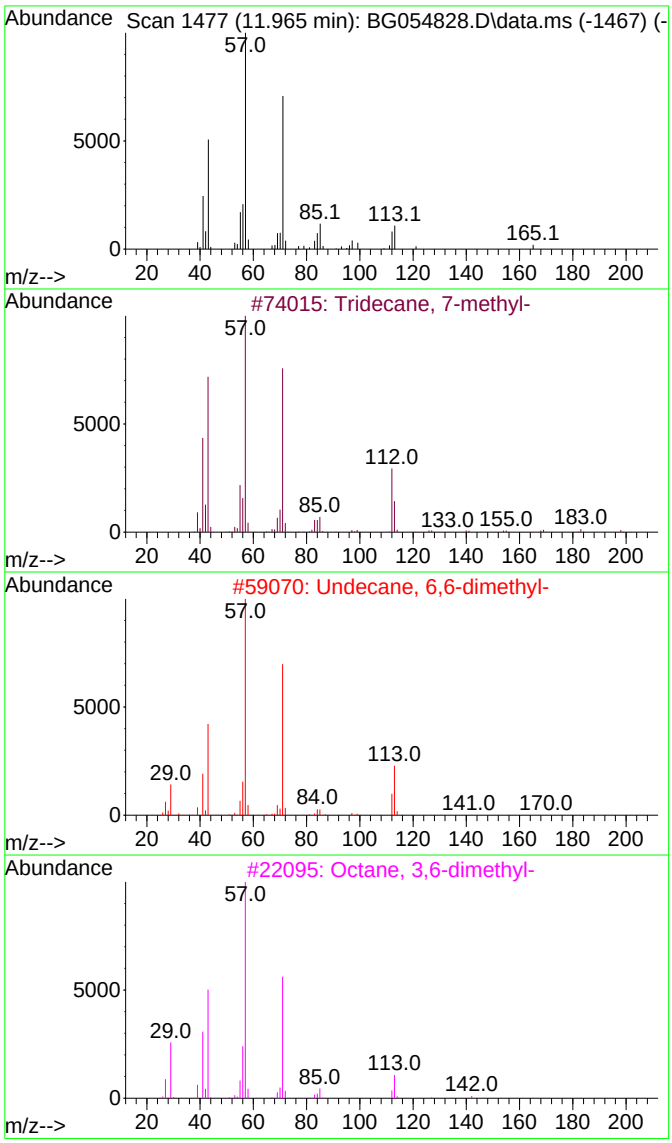
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

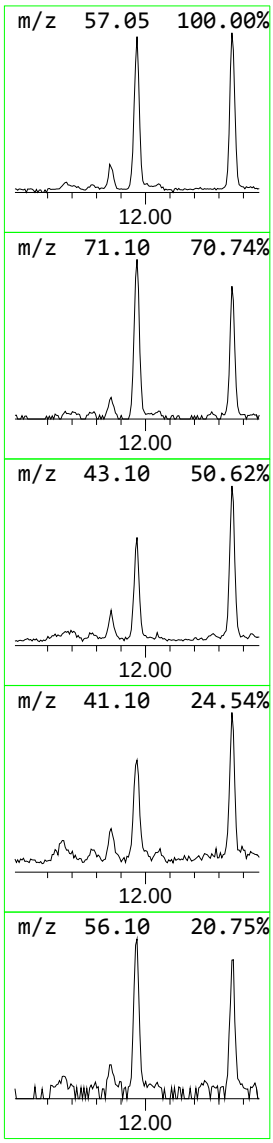
****

Peak Number 4 Tridecane, 7-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.965	3.98 ng	84901	Naphthalene-d8	10.972

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-methyl-	198	C14H30	026730-14-3	78
2	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	72
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	59
5	Oxalic acid, butyl 2-ethylhexyl ...	258	C14H26O4	1000309-38-6	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054828.D
Acq On : 1 Sep 2022 19:02
Operator : CG/JU
Sample : N4439-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

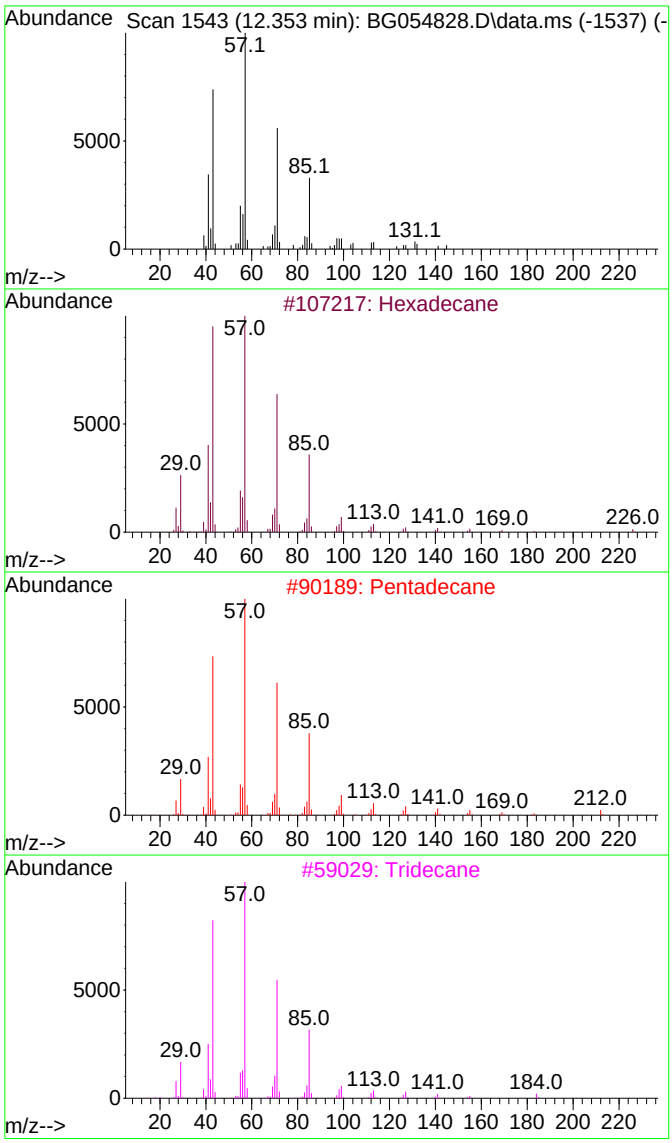
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

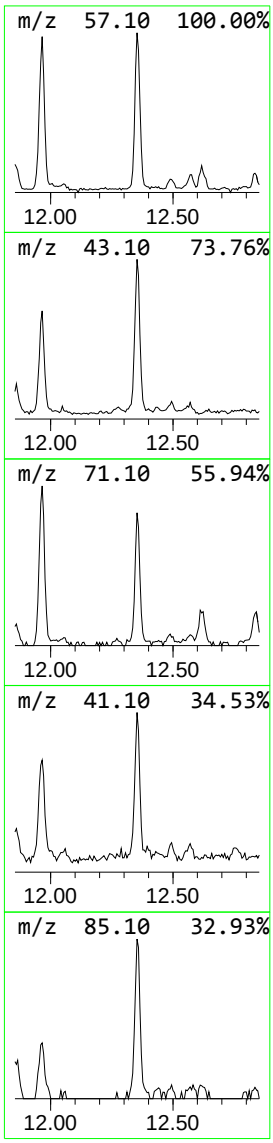
****

Peak Number 5 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.353	3.74 ng	79800	Naphthalene-d8	10.972

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Pentadecane	212	C15H32	000629-62-9	86
3	Tridecane	184	C13H28	000629-50-5	78
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054828.D
Acq On : 1 Sep 2022 19:02
Operator : CG/JU
Sample : N4439-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

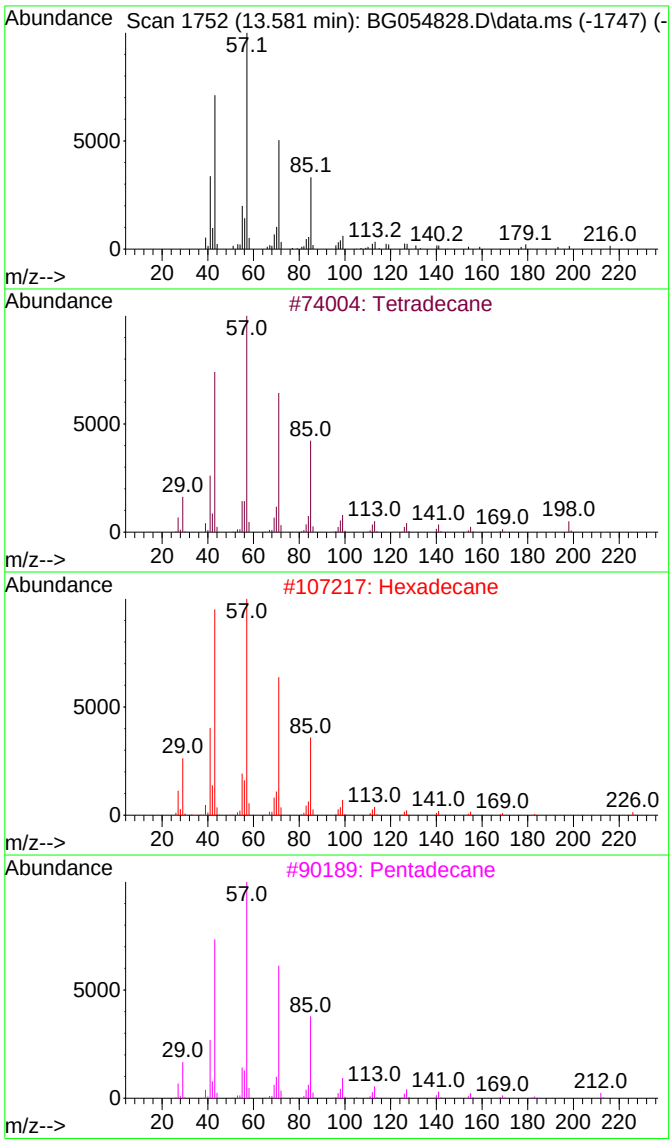
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

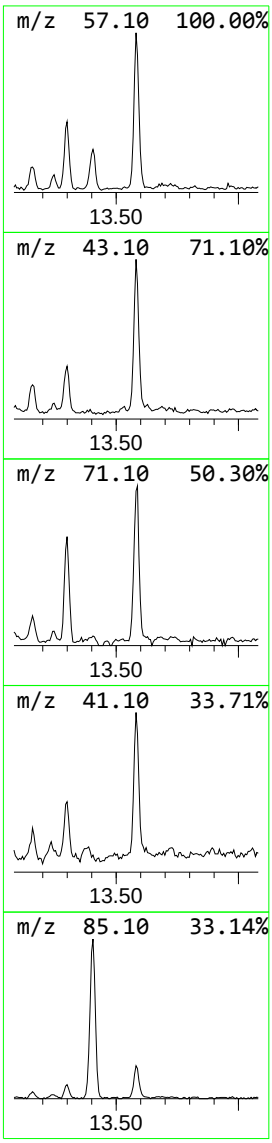
****

Peak Number 6 Tetradecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.581	3.40 ng	111735	Acenaphthene-d10	14.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Hexadecane	226	C16H34	000544-76-3	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Tridecane	184	C13H28	000629-50-5	90
5	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054828.D
Acq On : 1 Sep 2022 19:02
Operator : CG/JU
Sample : N4439-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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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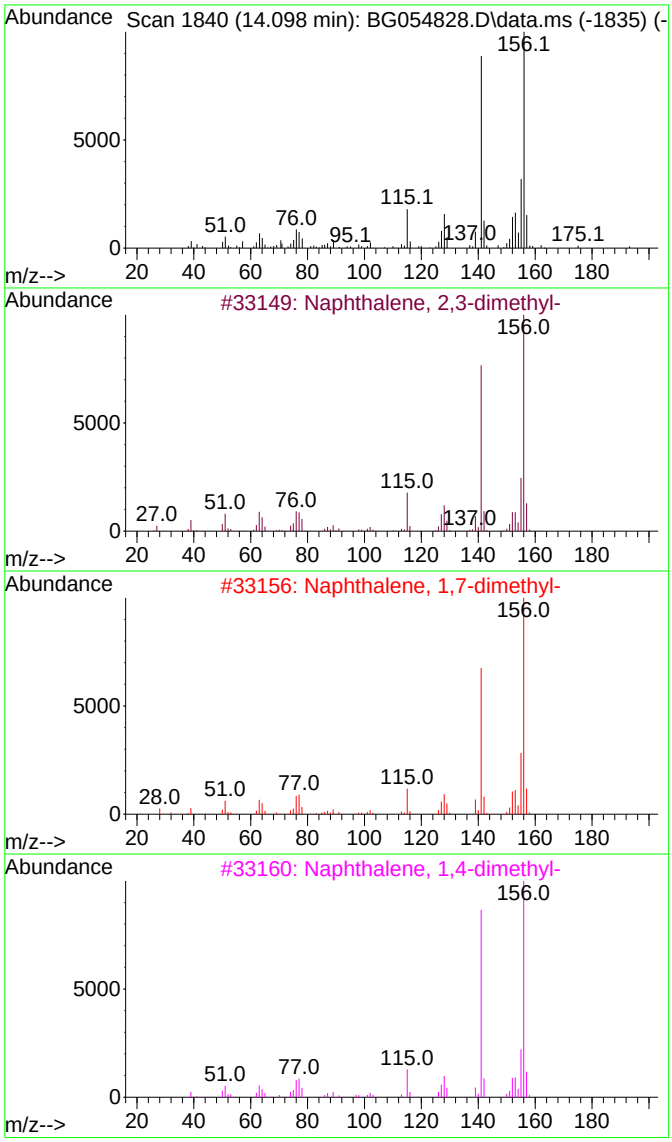
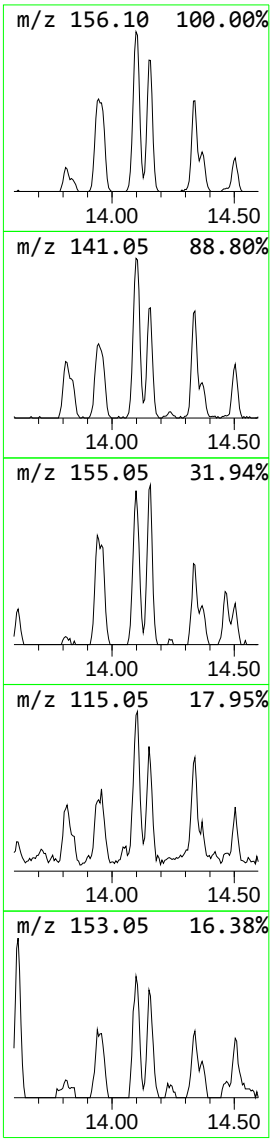
Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.098	5.09 ng	167411	Acenaphthene-d10	14.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





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Acq On : 1 Sep 2022 19:02
Operator : CG/JU
Sample : N4439-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

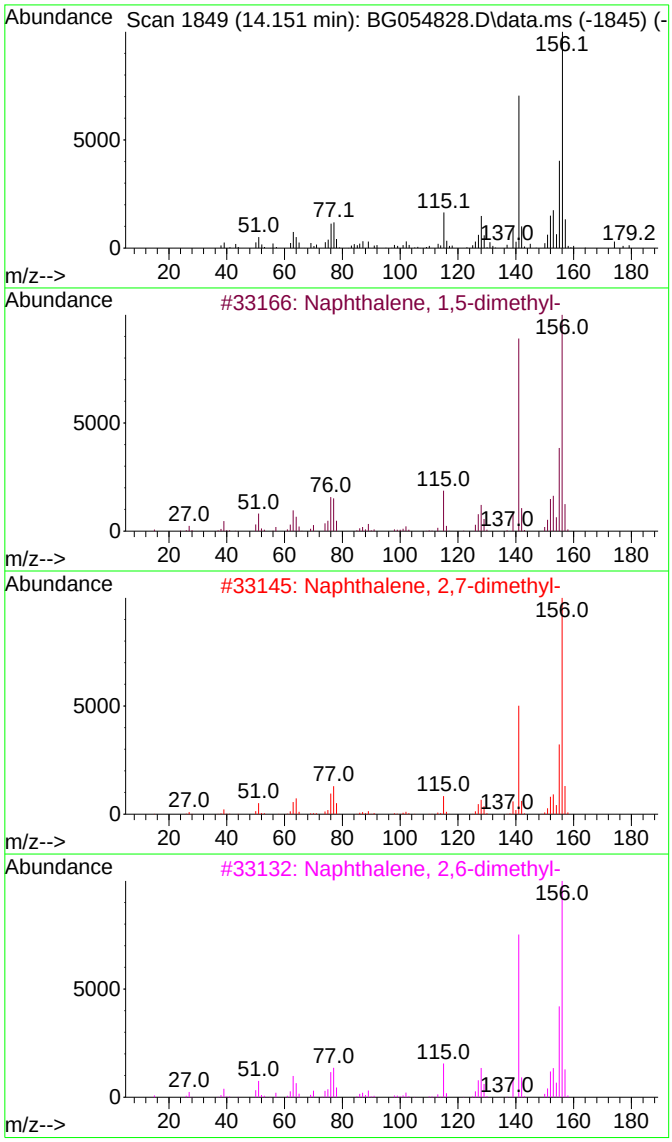
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

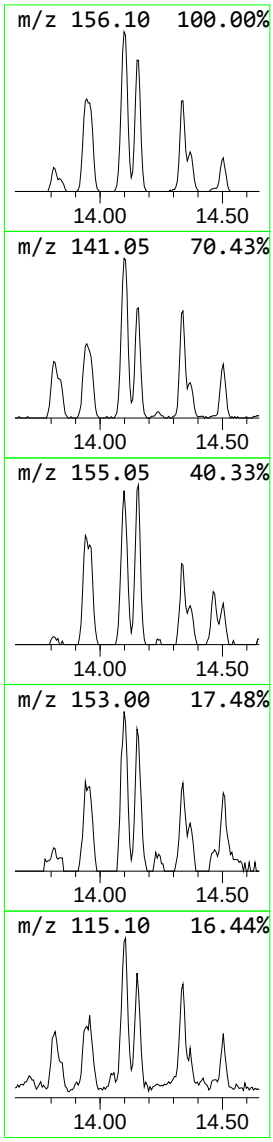
****

Peak Number 8 Naphthalene, 1,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.151	3.56 ng	117043	Acenaphthene-d10	14.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





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Sample : N4439-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5

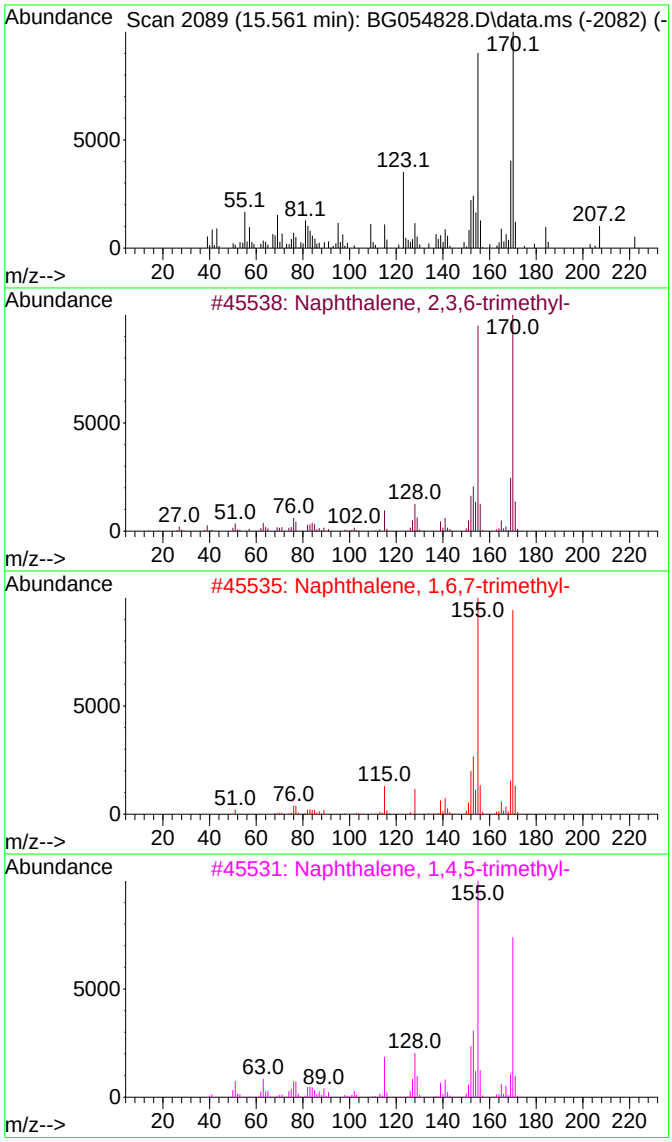
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

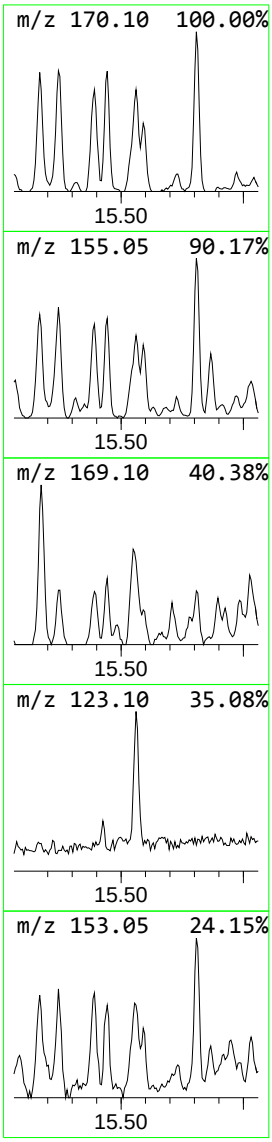
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.561	3.87 ng	127139	Acenaphthene-d10	14.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	86
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	86





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Acq On : 1 Sep 2022 19:02
Operator : CG/JU
Sample : N4439-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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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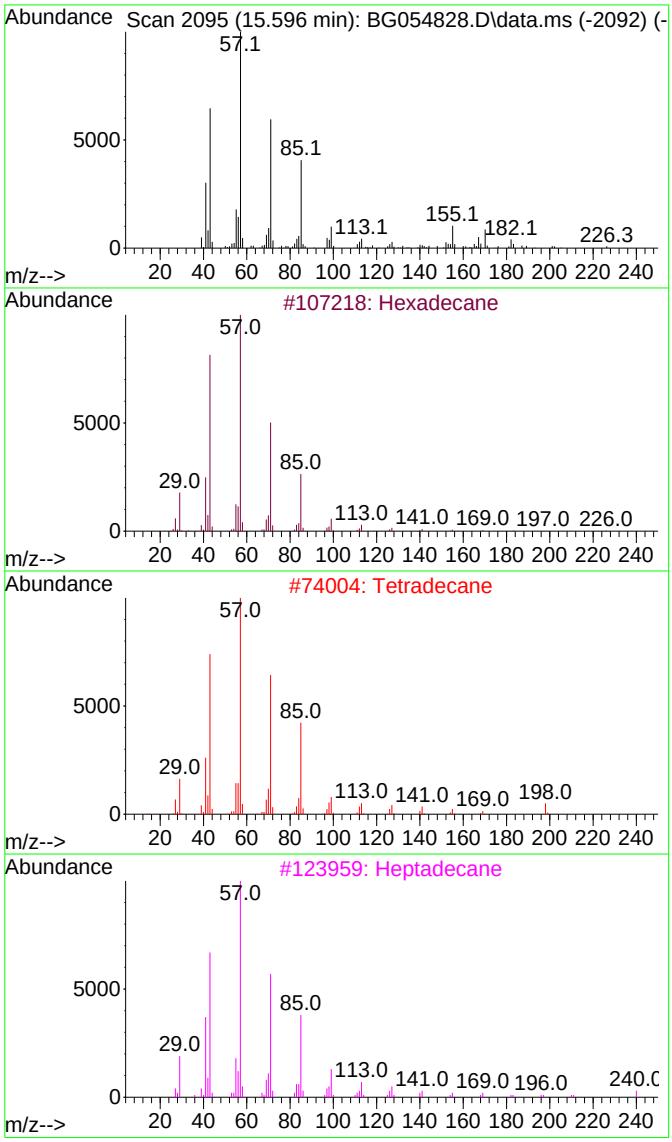
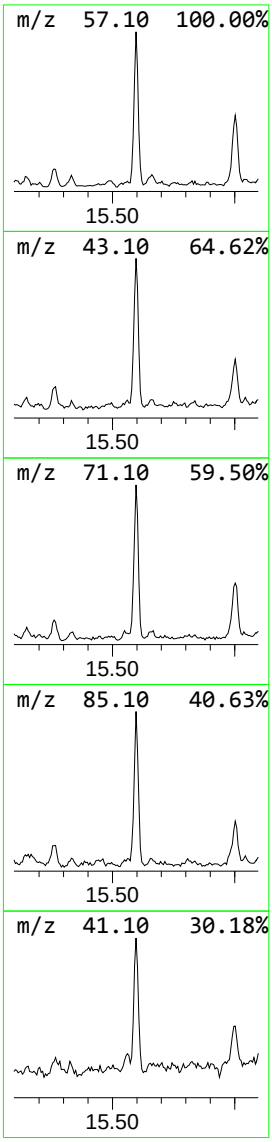
Peak Number 10 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.596	4.56 ng	149924	Acenaphthene-d10	14.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Tetradecane	198	C14H30	000629-59-4	72
3	Heptadecane	240	C17H36	000629-78-7	72
4	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	64
5	Nonadecane	268	C19H40	000629-92-5	58





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Operator : CG/JU
Sample : N4439-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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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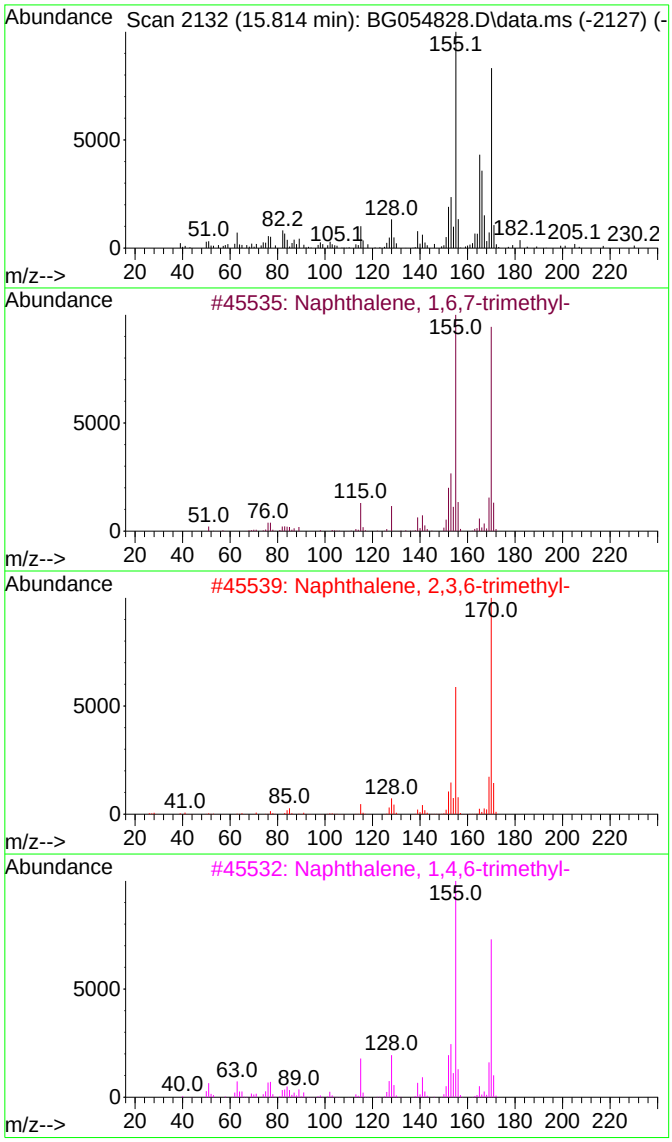
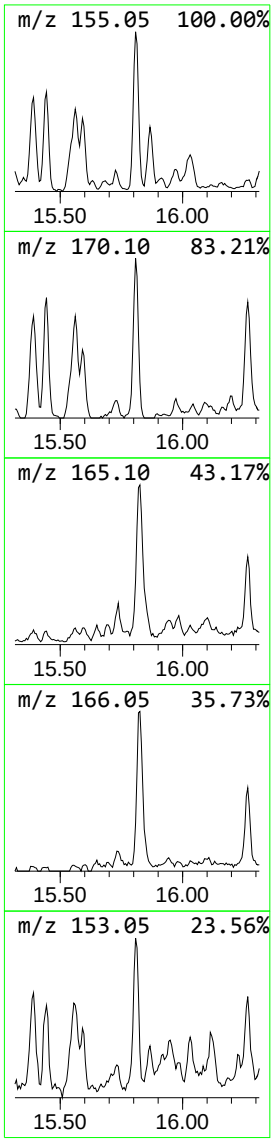
Peak Number 11 Naphthalene, 1,6,7-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.814	4.52 ng	148642	Acenaphthene-d10	14.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	89
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	89
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	60
5	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	49





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Acq On : 1 Sep 2022 19:02
Operator : CG/JU
Sample : N4439-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
KTS2-TR-01-0-5

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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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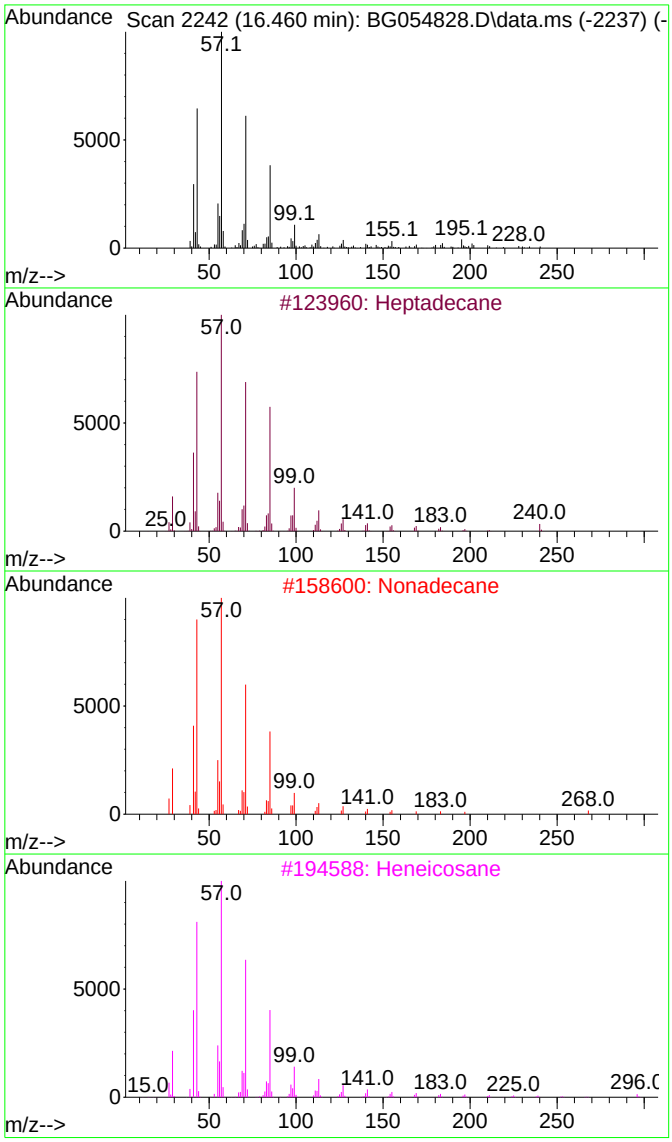
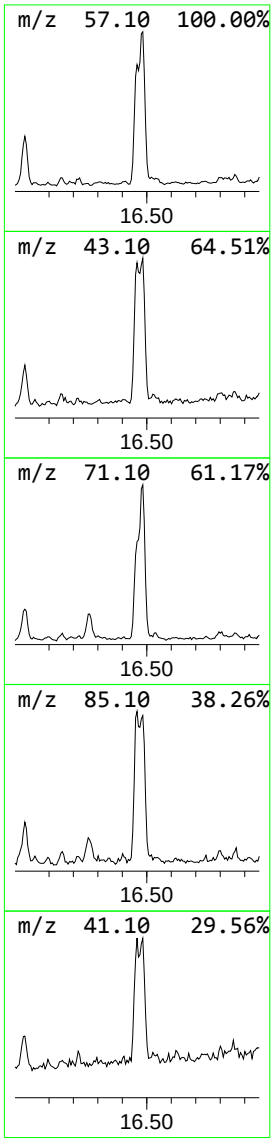
Peak Number 12 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.460	4.26 ng	137196	Phenanthrene-d10	17.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Nonadecane	268	C19H40	000629-92-5	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
5	Tetracosane	338	C24H50	000646-31-1	87





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Acq On : 1 Sep 2022 19:02
Operator : CG/JU
Sample : N4439-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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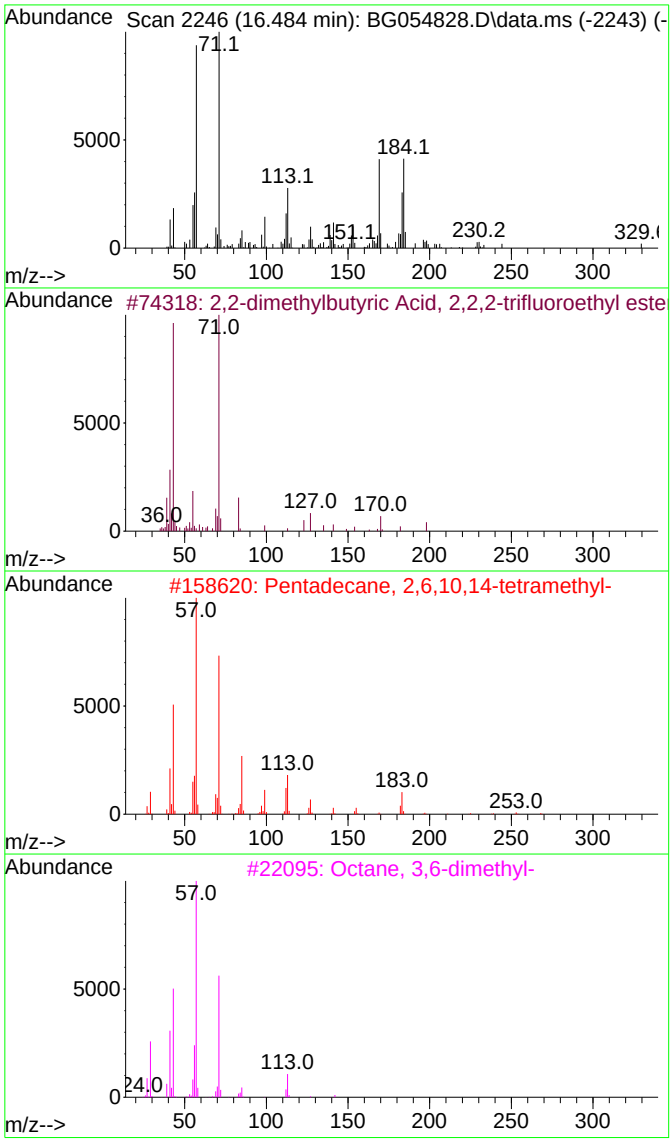
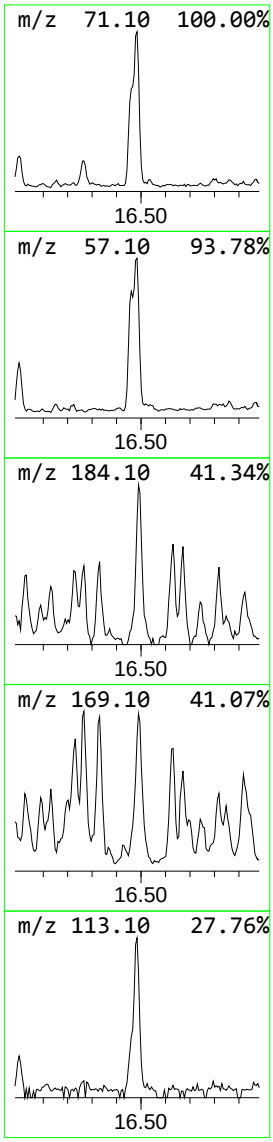
Peak Number 13 unknown16.484 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.484	8.45 ng	271774	Phenanthrene-d10	17.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-dimethylbutyric Acid, 2,2,2-...	198	C8H13F3O2	1000376-55-7	30
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	30
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	27
4	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	27
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	27





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Sample : N4439-02
Misc :
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Instrument :
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ClientSampleId :
KTS2-TR-01-0-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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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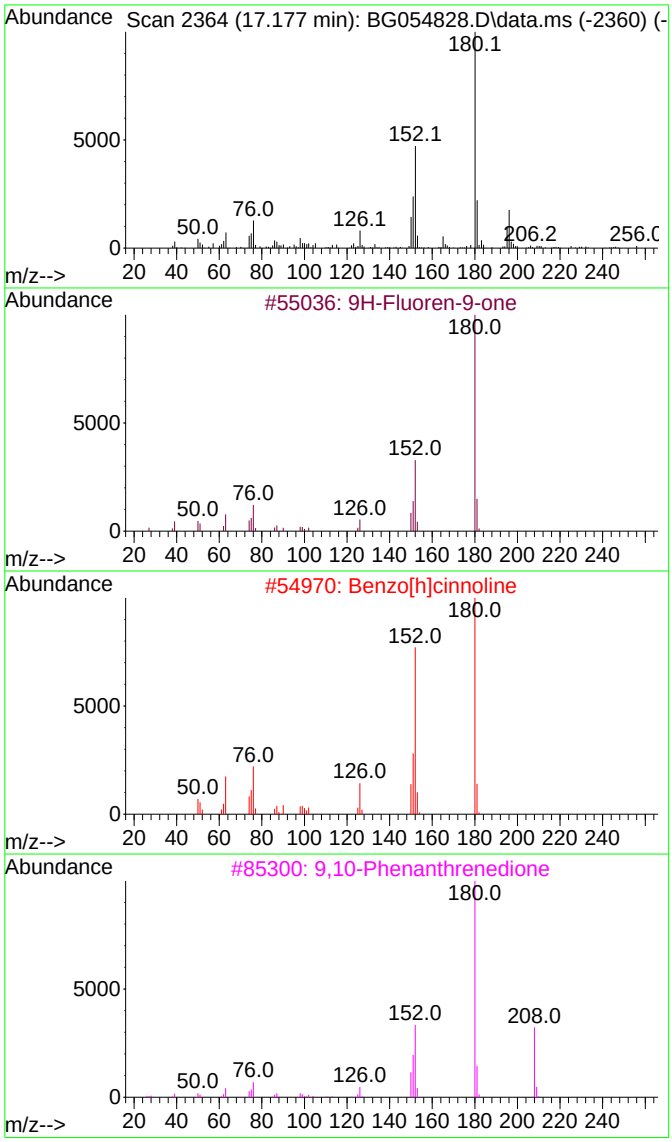
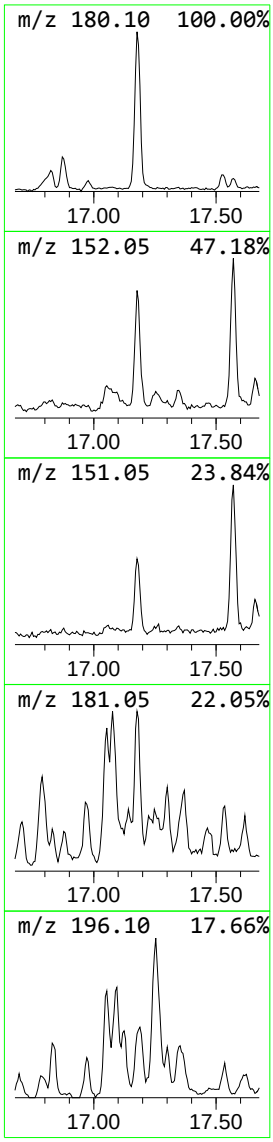
Peak Number 14 9H-Fluoren-9-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.177	3.43 ng	110232	Phenanthrene-d10	17.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	74
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	72
4	Diphenic anhydride	224	C14H8O3	006050-13-1	64
5	9,9-Bis[4-aminophenylsulfonyl]fl...	476	C25H20N2O4S2	081269-16-1	59





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Sample : N4439-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5

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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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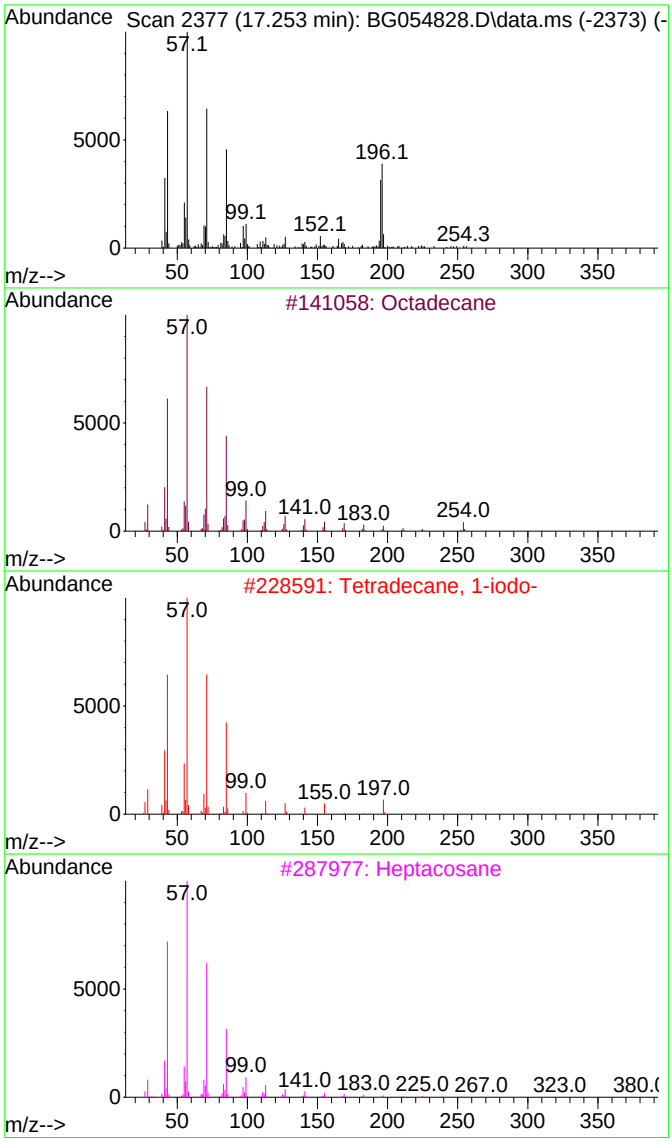
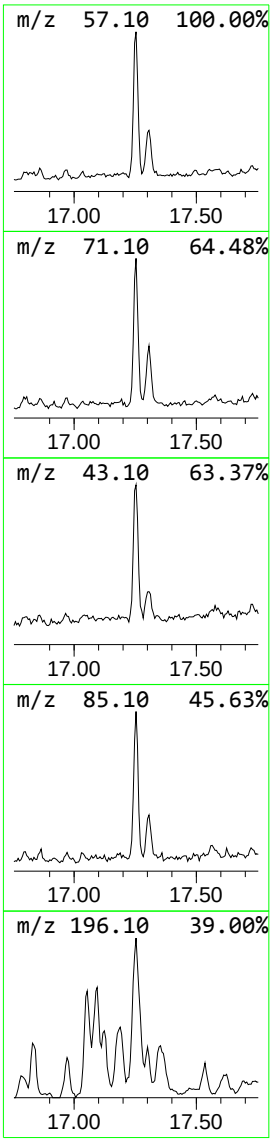
Peak Number 15 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.253	5.22 ng	167885	Phenanthrene-d10	17.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	53
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	53
3	Heptacosane	380	C27H56	000593-49-7	53
4	Pentadecane	212	C15H32	000629-62-9	52
5	Tetradecane	198	C14H30	000629-59-4	49





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KTS2-TR-01-0-5

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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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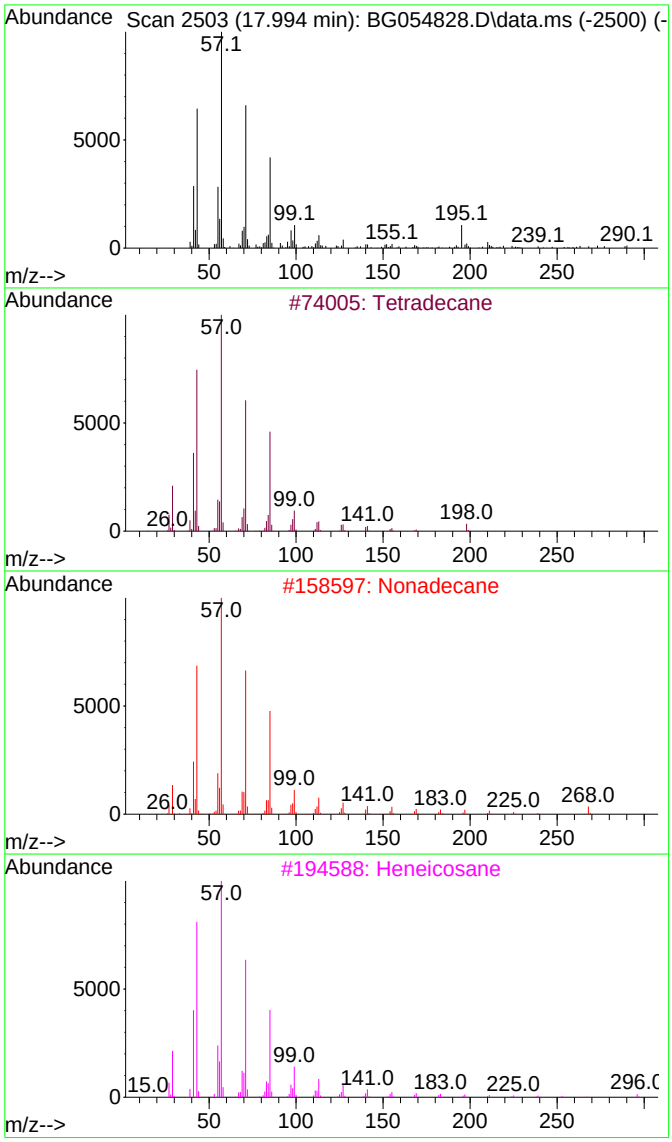
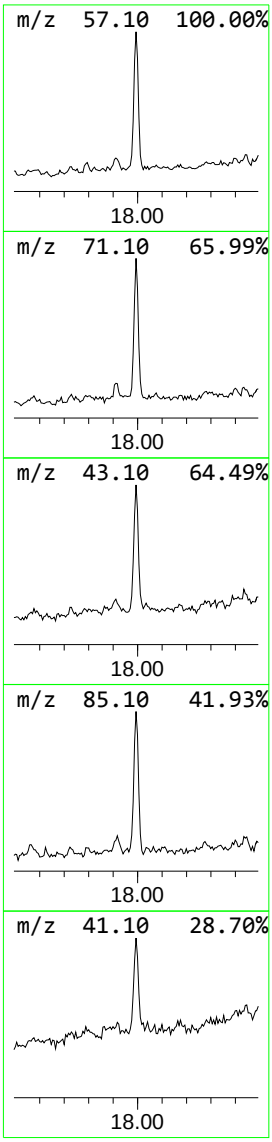
Peak Number 16 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.994	4.36 ng	140258	Phenanthrene-d10	17.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Nonadecane	268	C19H40	000629-92-5	90
3	Heneicosane	296	C21H44	000629-94-7	74
4	Pentadecane	212	C15H32	000629-62-9	74
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72





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ALS Vial : 13 Sample Multiplier: 1

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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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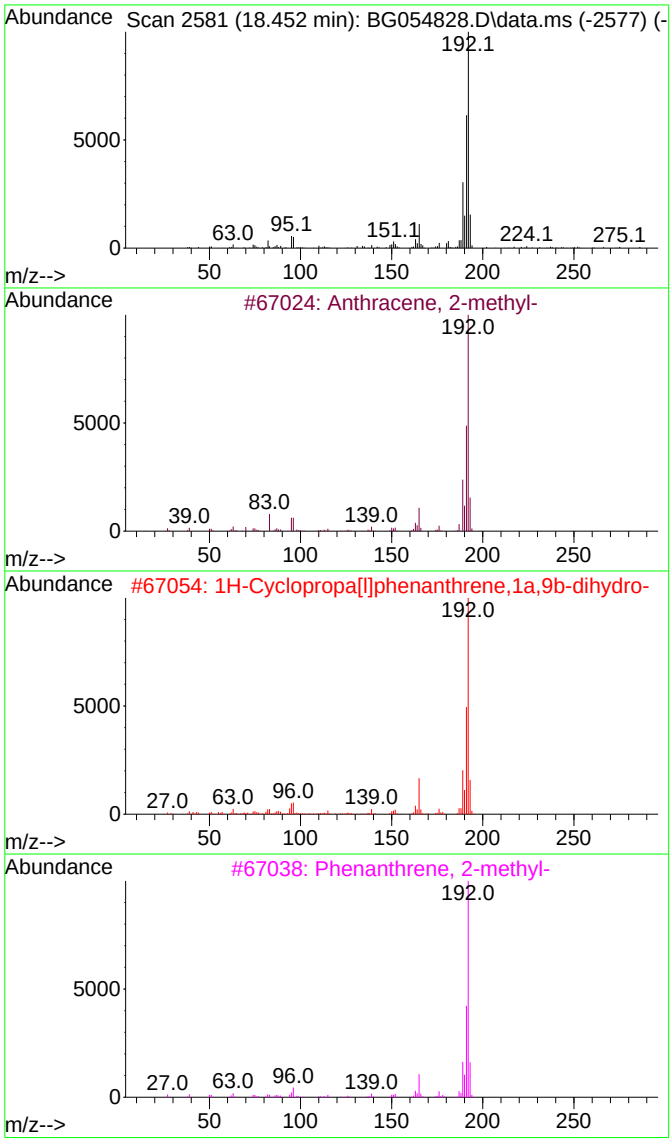
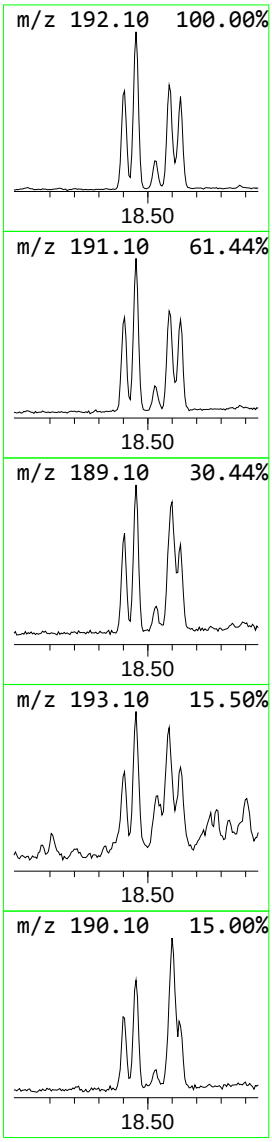
Peak Number 17 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.452	6.94 ng	223243	Phenanthrene-d10	17.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Acq On : 1 Sep 2022 19:02
Operator : CG/JU
Sample : N4439-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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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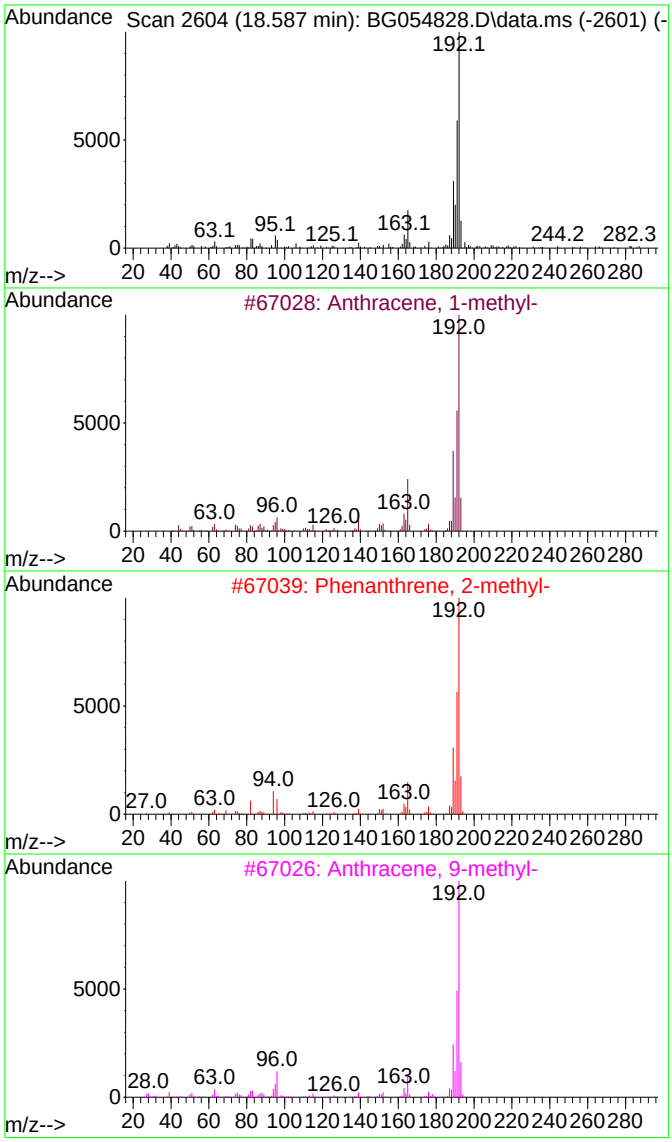
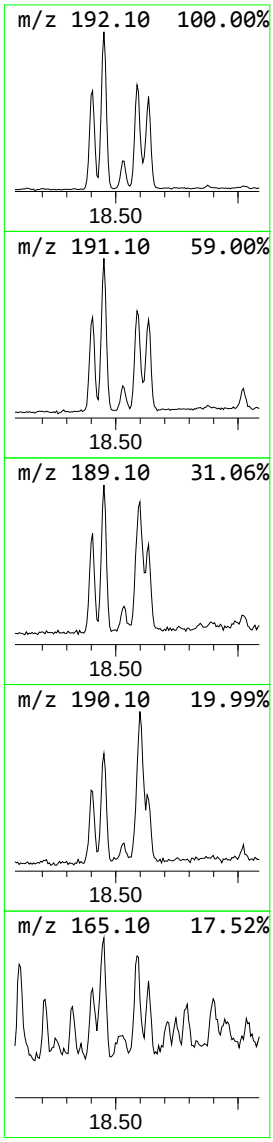
Peak Number 18 Anthracene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.587	3.52 ng	113267	Phenanthrene-d10	17.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054828.D
Acq On : 1 Sep 2022 19:02
Operator : CG/JU
Sample : N4439-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

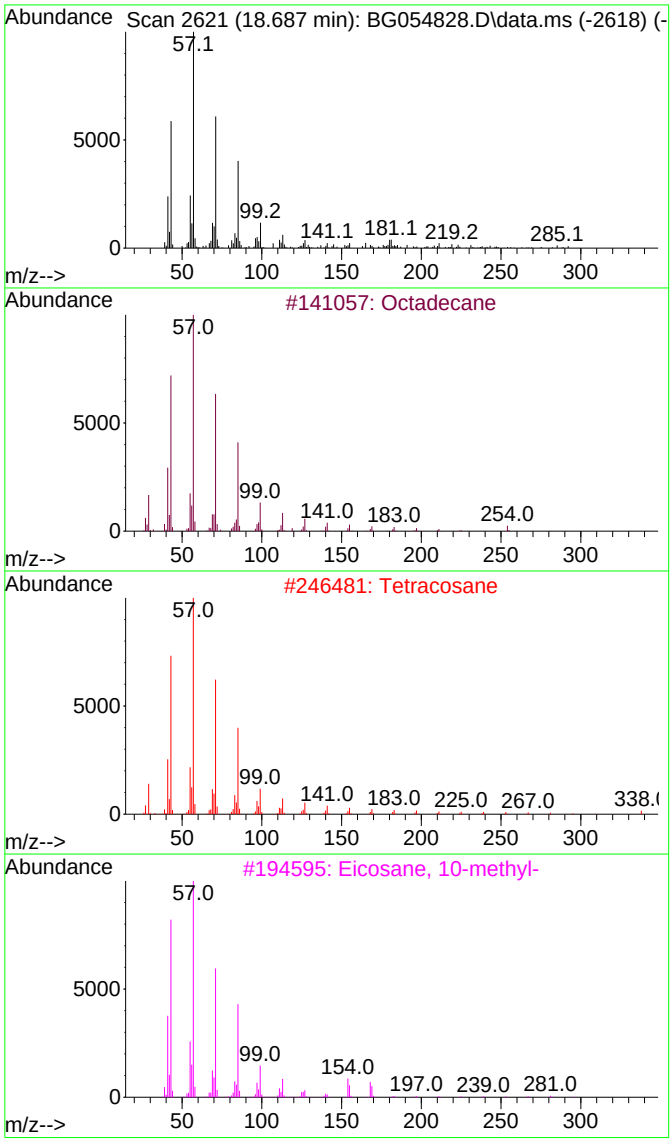
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

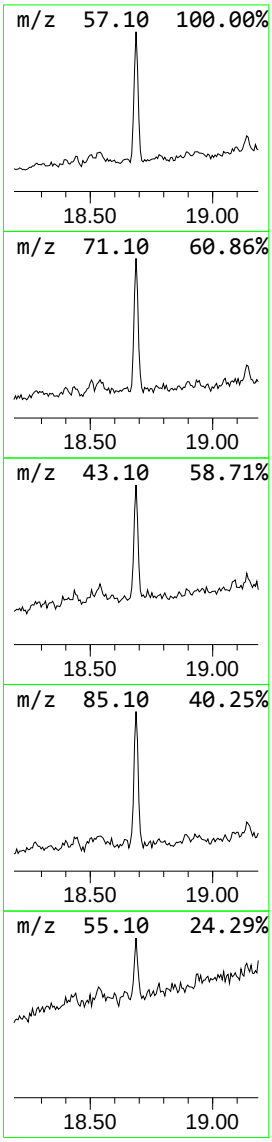
****

Peak Number 19 Tetracosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.687	3.76 ng	120994	Phenanthrene-d10	17.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Tetracosane	338	C24H50	000646-31-1	83
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	83
4	Heptacosane	380	C27H56	000593-49-7	83
5	Pentadecane	212	C15H32	000629-62-9	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054828.D
Acq On : 1 Sep 2022 19:02
Operator : CG/JU
Sample : N4439-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5

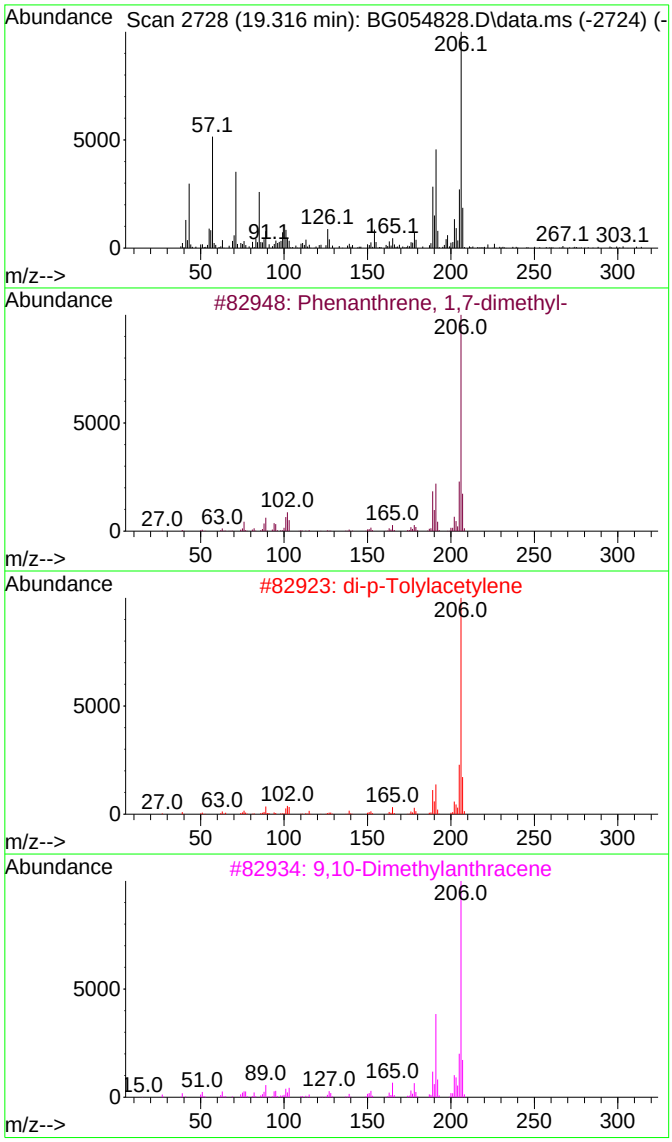
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

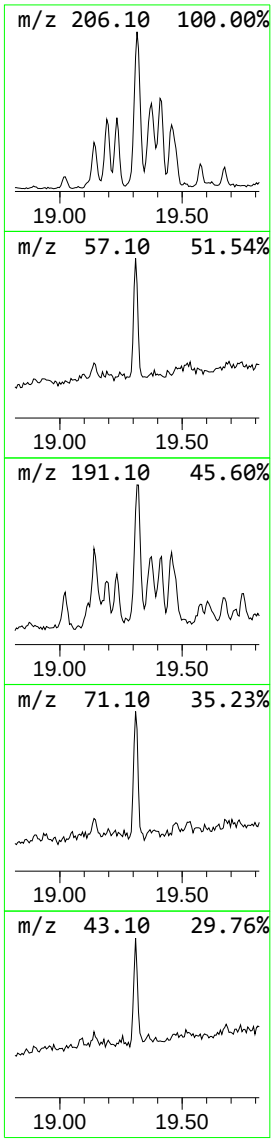
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Phenanthrene, 1,7-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.316	8.56 ng	275601	Phenanthrene-d10	17.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	89
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054828.D
Acq On : 1 Sep 2022 19:02
Operator : CG/JU
Sample : N4439-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KTS2-TR-01-0-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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
unknown3.769	3.769	3.4	ng	51158	1	8.146	303765	20.0
2-Pentanone, 4-...	5.209	5.6	ng	84539	1	8.146	303765	20.0
Benzene, 1,3-di...	6.125	3.7	ng	56759	1	8.146	303765	20.0
Tridecane, 7-me...	11.965	4.0	ng	84901	2	10.972	426659	20.0
Hexadecane	12.353	3.7	ng	79800	2	10.972	426659	20.0
Tetradecane	13.581	3.4	ng	111735	3	14.780	657548	20.0
Naphthalene, 2,...	14.098	5.1	ng	167411	3	14.780	657548	20.0
Naphthalene, 1,...	14.151	3.6	ng	117043	3	14.780	657548	20.0
Naphthalene, 2,...	15.561	3.9	ng	127139	3	14.780	657548	20.0
Heptadecane	15.596	4.6	ng	149924	3	14.780	657548	20.0
Naphthalene, 1,...	15.814	4.5	ng	148642	3	14.780	657548	20.0
Nonadecane	16.460	4.3	ng	137196	4	17.529	643559	20.0
unknown16.484	16.484	8.4	ng	271774	4	17.529	643559	20.0
9H-Fluoren-9-one	17.177	3.4	ng	110232	4	17.529	643559	20.0
Octadecane	17.253	5.2	ng	167885	4	17.529	643559	20.0
Heneicosane	17.994	4.4	ng	140258	4	17.529	643559	20.0
Anthracene, 2-m...	18.452	6.9	ng	223243	4	17.529	643559	20.0
Anthracene, 1-m...	18.587	3.5	ng	113267	4	17.529	643559	20.0
Tetracosane	18.687	3.8	ng	120994	4	17.529	643559	20.0
Phenanthrene, 1...	19.316	8.6	ng	275601	4	17.529	643559	20.0