LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049129.D
Acq On : 28 Jun 2021 21:48
Operator : CG/JU
Sample : M2828-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ERM-16R

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-BG061121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG049129.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.150	12	19	28	rBV	112977	251105	8.69%	1.723%
2	3.227	28	32	39	rVB	43113	70285	2.43%	0.482%
3	5.183	359	365	372	rBV	23874	38691	1.34%	0.266%
4	5.653	436	445	455	rBV	296641	495221	17.14%	3.398%
5	7.251	710	717	729	rBV	190737	343705	11.89%	2.359%
6	8.103	855	862	868	rBV	108034	189528	6.56%	1.301%
7	9.267	1053	1060	1073	rVB	402614	765084	26.47%	5.250%
8	9.742	1133	1141	1146	rVB2	24485	38649	1.34%	0.265%
9	10.101	1198	1202	1208	rBV4	17395	31229	1.08%	0.214%
10	10.618	1282	1290	1298	rBV7	15981	46520	1.61%	0.319%
11	10.683	1298	1301	1310	rVB4	16815	31004	1.07%	0.213%
12	10.923	1329	1342	1348	rBV	147436	331110	11.46%	2.272%
13	11.035	1356	1361	1367	rVB2	28630	49446	1.71%	0.339%
14	11.388	1417	1421	1430	rVB6	17707	39650	1.37%	0.272%
15	11.505	1430	1441	1447	rBV6	22229	51155	1.77%	0.351%
16	11.828	1490	1496	1503	rVB5	29726	56981	1.97%	0.391%
17	12.028	1524	1530	1540	rVB2	84608	159778	5.53%	1.096%
18	12.240	1557	1566	1571	rBV3	26298	63739	2.21%	0.437%
19	12.304	1571	1577	1585	rBV4	28473	72021	2.49%	0.494%
20	12.469	1596	1605	1610	rBV6	38792	86071	2.98%	0.591%
21	12.539	1613	1617	1626	rVB6	20703	46450	1.61%	0.319%
22	12.774	1652	1657	1662	rBV7	24964	51517	1.78%	0.354%
23	12.833	1662	1667	1671	rVV8	16084	32963	1.14%	0.226%
24	13.086	1707	1710	1715	rVB5	23591	34228	1.18%	0.235%
25	13.191	1722	1728	1732	rBV9	15357	32056	1.11%	0.220%
26	13.268	1738	1741	1747	rVB7	16349	30975	1.07%	0.213%
27	13.368	1751	1758	1763	rVV	1020663	1619771	56.05%	11.115%
28	13.679	1806	1811	1817	rVB2	27703	55368	1.92%	0.380%
29	13.744	1817	1822	1827	rVB9	18750	36538	1.26%	0.251%
30	13.797	1827	1831	1836	rBV2	41469	68736	2.38%	0.472%
31	14.067	1870	1877	1883	rBV2	140323	295601	10.23%	2.028%
32	14.220	1899	1903	1907	rBV6	26886	38359	1.33%	0.263%
33	14.296	1911	1916	1920	rBV	102506	182491	6.31%	1.252%
34	14.331	1920	1922	1929	rVB3	66225	91312	3.16%	0.627%
35	14.466	1940	1945	1951	rVB	92065	155917	5.40%	1.070%
36	14.743	1986	1992	1997	rVB	256425	406956	14.08%	2.793%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049129.D
Acq On : 28 Jun 2021 21:48
Operator : CG/JU
Sample : M2828-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ERM-16R

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-BG061121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.807	1998	2003	2010	rBV4	38440	87458	3.03%	0.600%
38	14.960	2023	2029	2035	rBV6	39929	100615	3.48%	0.690%
39	15.136	2055	2059	2066	rVB2	84964	140404	4.86%	0.963%
40	15.213	2067	2072	2076	rVB	99006	139521	4.83%	0.957%
41	15.359	2092	2097	2102	rVV	108660	207565	7.18%	1.424%
42	15.406	2102	2105	2109	rVB	46913	63352	2.19%	0.435%
43	15.512	2119	2123	2124	rBV4	33944	45720	1.58%	0.314%
44	15.559	2129	2131	2139	rVB3	50267	64315	2.23%	0.441%
45	15.694	2151	2154	2158	rVB3	27067	34547	1.20%	0.237%
46	15.782	2165	2169	2174	rBV3	73979	117727	4.07%	0.808%
47	15.918	2188	2192	2196	rBV	109945	163868	5.67%	1.125%
48	16.000	2202	2206	2210	rVB6	30209	45851	1.59%	0.315%
49	16.229	2239	2245	2254	rVB	1067420	1695836	58.68%	11.637%
50	16.464	2281	2285	2294	rVB6	61702	123077	4.26%	0.845%
51	16.846	2346	2350	2354	rBV2	74459	119101	4.12%	0.817%
52	17.492	2455	2460	2465	rBV	320183	493116	17.06%	3.384%
53	18.374	2606	2610	2616	rBV3	136249	208470	7.21%	1.431%
54	18.550	2637	2640	2645	rVB5	39757	54134	1.87%	0.371%
55	19.637	2821	2825	2830	rBV4	76273	121891	4.22%	0.836%
56	20.095	2898	2903	2909	rVB	2165283	2889999	100.00%	19.832%
57	21.399	3123	3125	3131	rVB6	32597	49947	1.73%	0.343%
58	21.775	3183	3189	3197	rVB	326873	580806	20.10%	3.986%
59	25.089	3742	3753	3768	rVB2	210698	634942	21.97%	4.357%

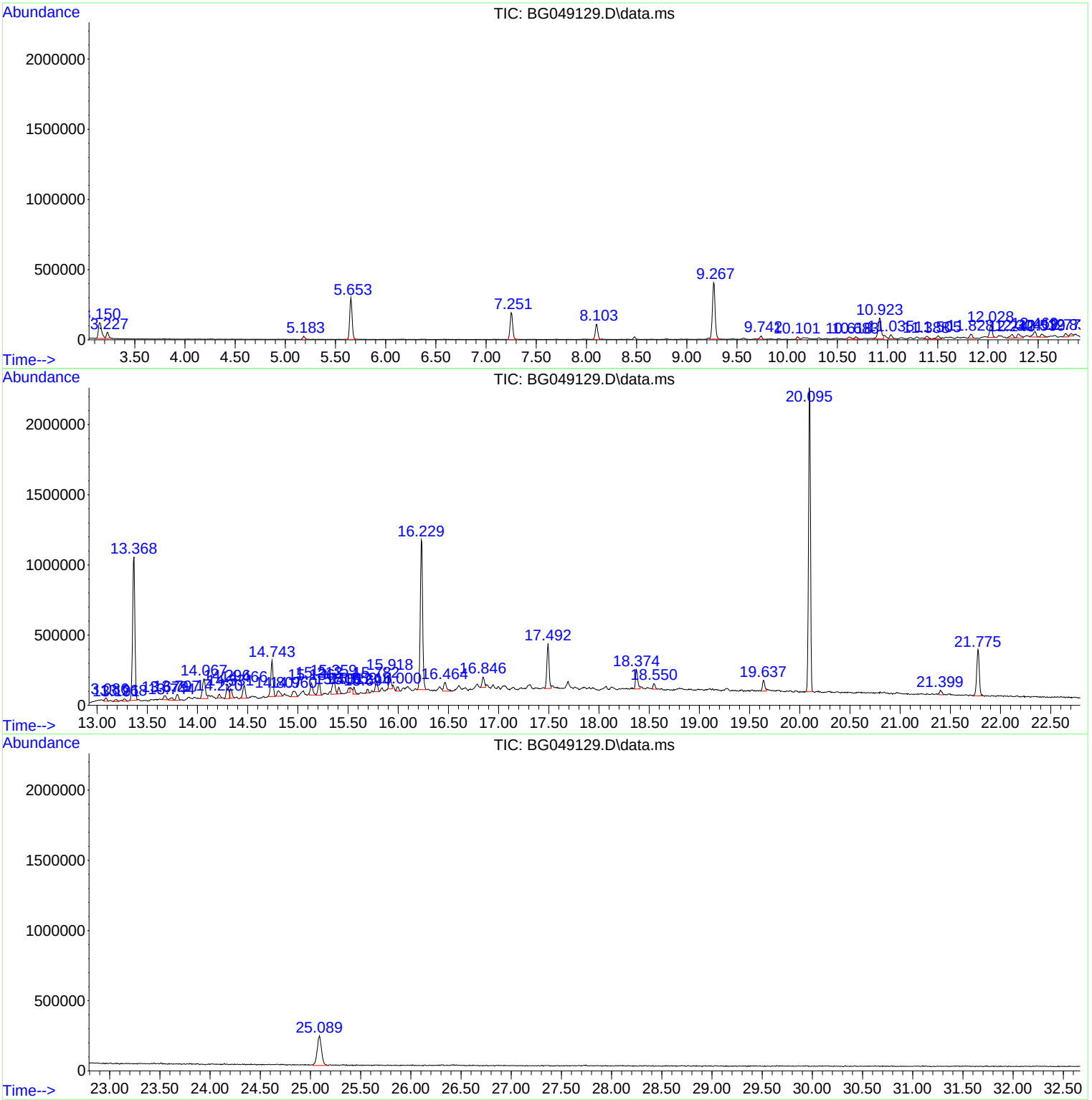
Sum of corrected areas: 14572472

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049129.D
Acq On : 28 Jun 2021 21:48
Operator : CG/JU
Sample : M2828-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ERM-16R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.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\BG062821\
Data File : BG049129.D
Acq On : 28 Jun 2021 21:48
Operator : CG/JU
Sample : M2828-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ERM-16R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

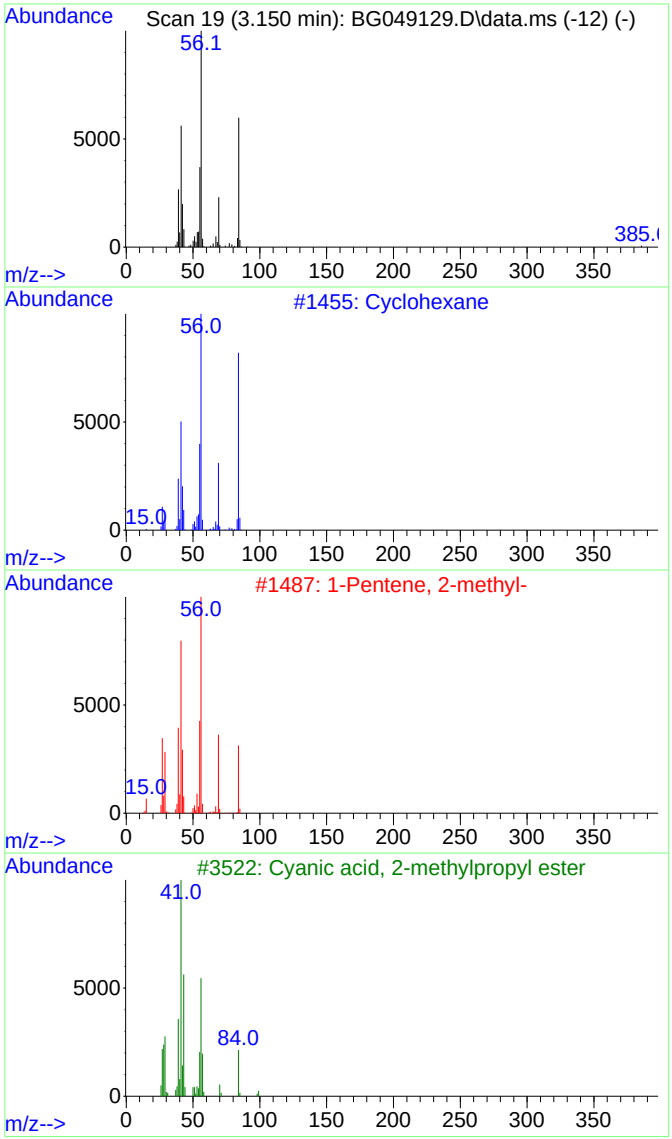
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

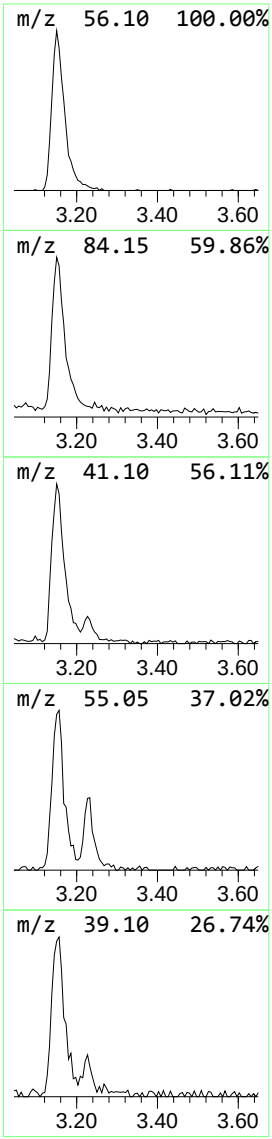
****

Peak Number 1 Cyclohexane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.150	26.50 ng	251105	1,4-Dichlorobenzene-d4	8.103

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	83
3	Cyanic acid, 2-methylpropyl ester	99	C5H9NO	001768-25-8	59
4	2H-Pyran-2,6(3H)-dione, dihydro-...	142	C7H10O3	004160-82-1	47
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049129.D
Acq On : 28 Jun 2021 21:48
Operator : CG/JU
Sample : M2828-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ERM-16R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.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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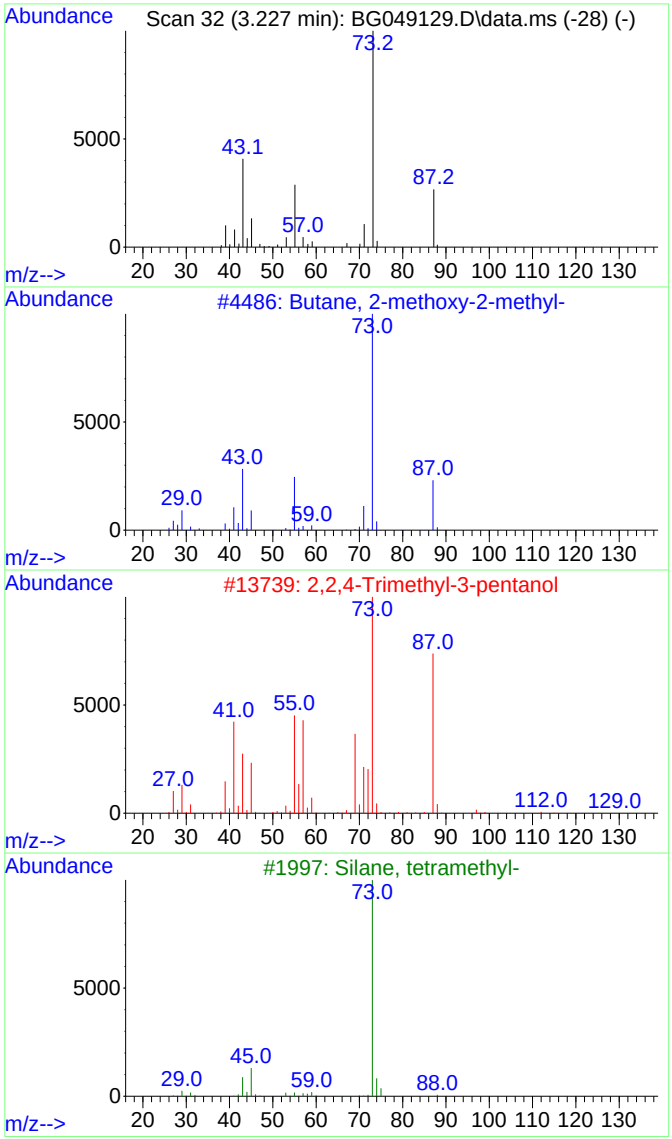
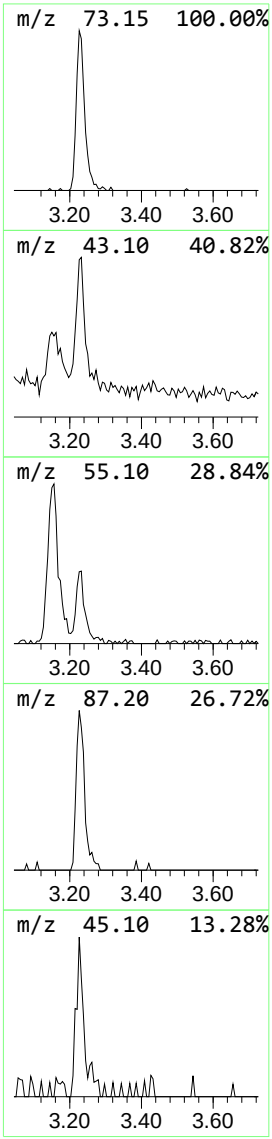
Peak Number 2 unknown3.227 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.227	7.42 ng	70285	1,4-Dichlorobenzene-d4	8.103

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	45
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049129.D
Acq On : 28 Jun 2021 21:48
Operator : CG/JU
Sample : M2828-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ERM-16R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

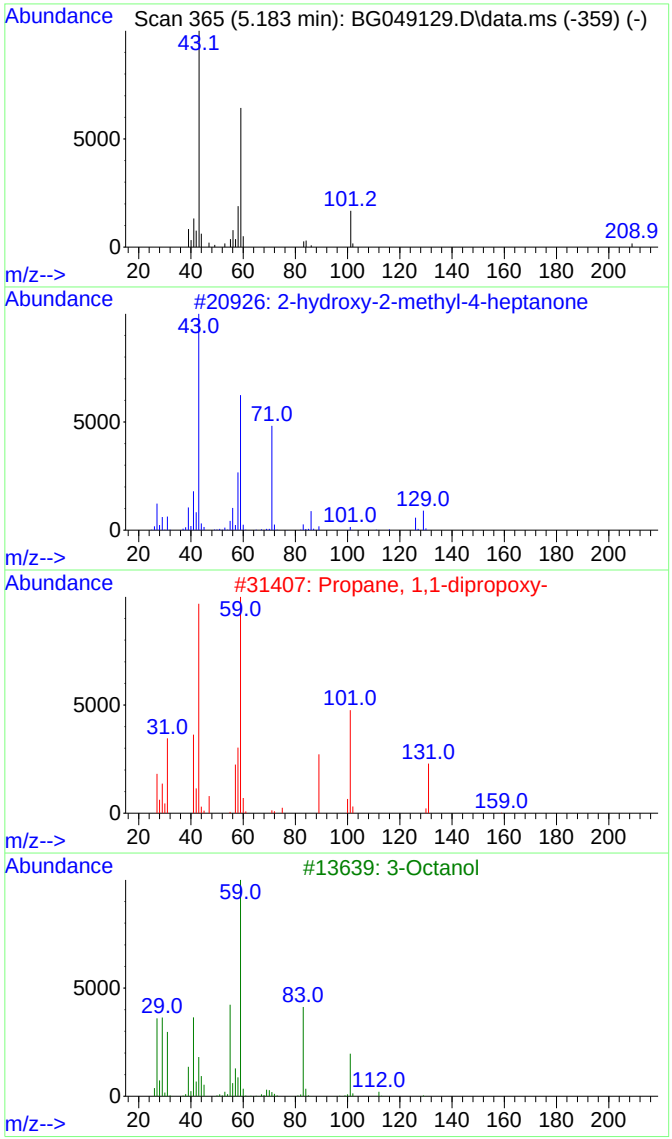
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

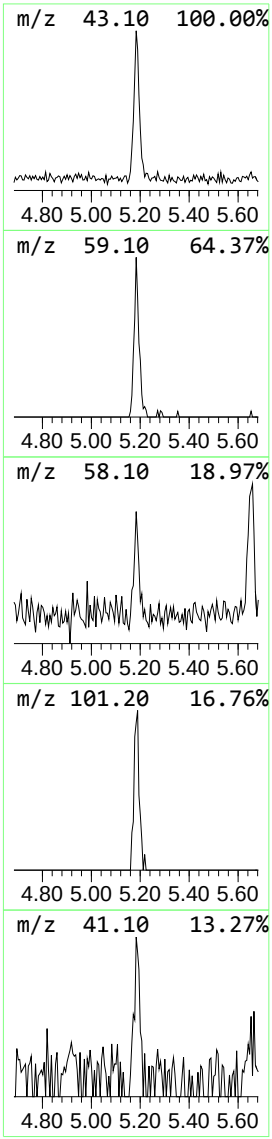
****

Peak Number 3 unknown5.183 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.183	4.08 ng	38691	1,4-Dichlorobenzene-d4	8.103

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-hydroxy-2-methyl-4-heptanone	144	C8H16O2	054862-91-8	38
2	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	38
3	3-Octanol	130	C8H18O	000589-98-0	33
4	3-Heptanol, 5-methyl-	130	C8H18O	018720-65-5	28
5	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049129.D
Acq On : 28 Jun 2021 21:48
Operator : CG/JU
Sample : M2828-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ERM-16R

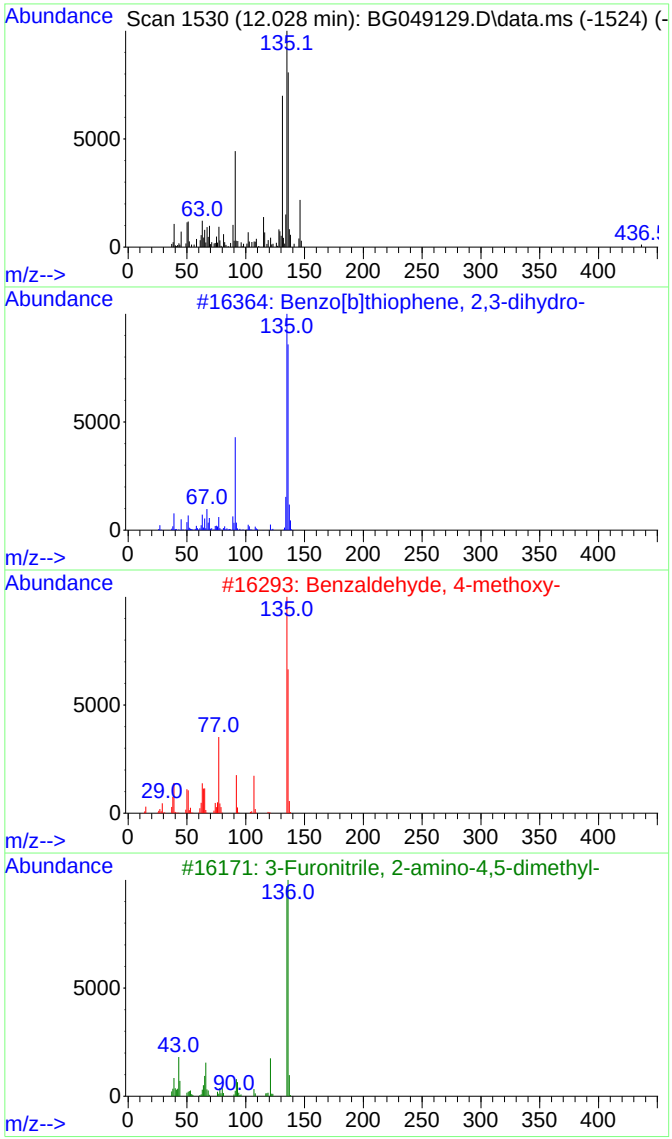
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

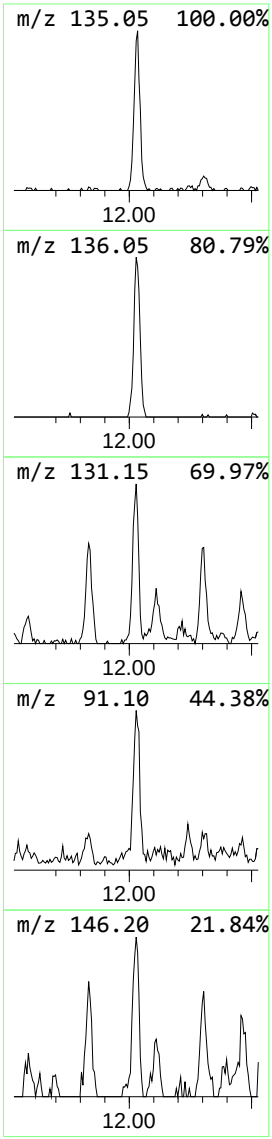
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.028	9.65 ng	159778	Naphthalene-d8	10.924

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	86
2	Benzaldehyde, 4-methoxy-	136	C8H8O2	000123-11-5	64
3	3-Furonitrile, 2-amino-4,5-dimet...	136	C7H8N2O	005117-88-4	52
4	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	52
5	Thieno[3,2-c]pyridine	135	C7H5NS	000272-14-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049129.D
Acq On : 28 Jun 2021 21:48
Operator : CG/JU
Sample : M2828-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ERM-16R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

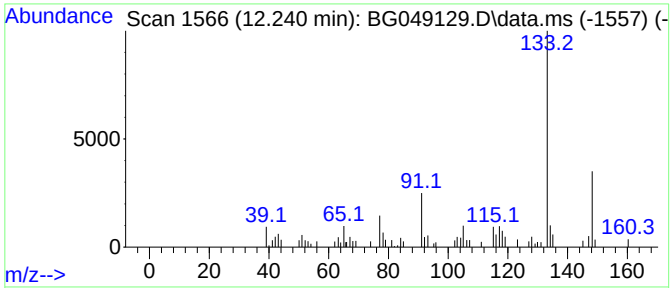
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

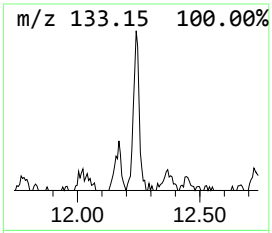
****

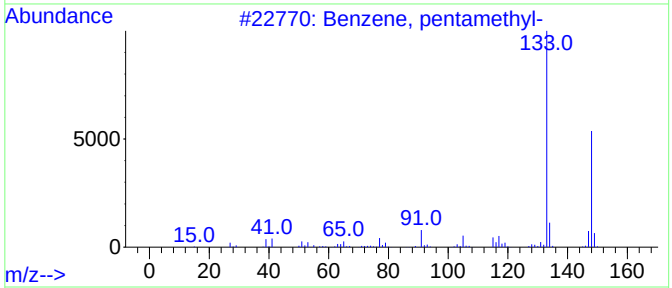
Peak Number 5 Benzene, pentamethyl- Concentration Rank 20

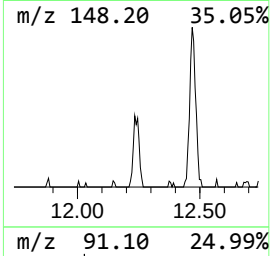
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.240	3.85 ng	63739	Naphthalene-d8	10.924

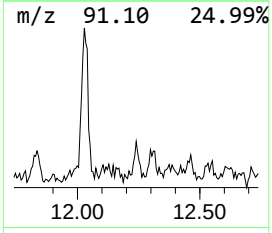
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	87
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	83
3	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	74
4	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	74
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	72

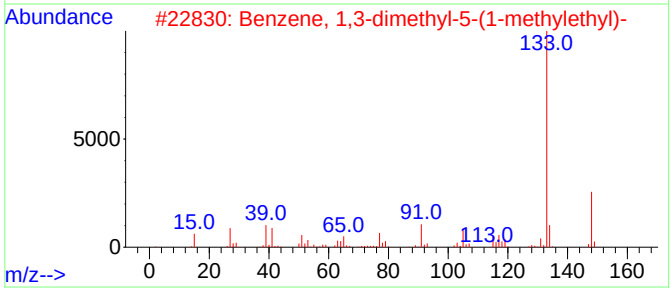


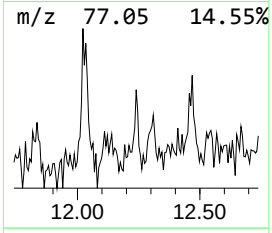


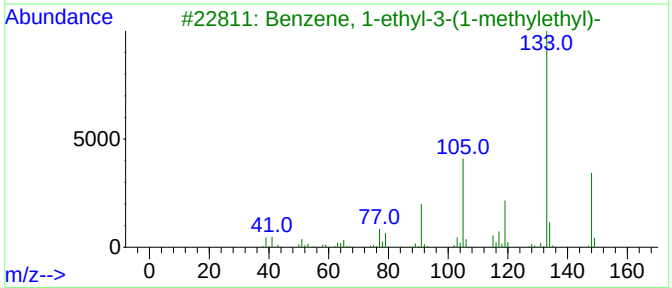


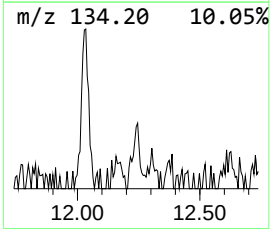












Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049129.D
Acq On : 28 Jun 2021 21:48
Operator : CG/JU
Sample : M2828-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ERM-16R

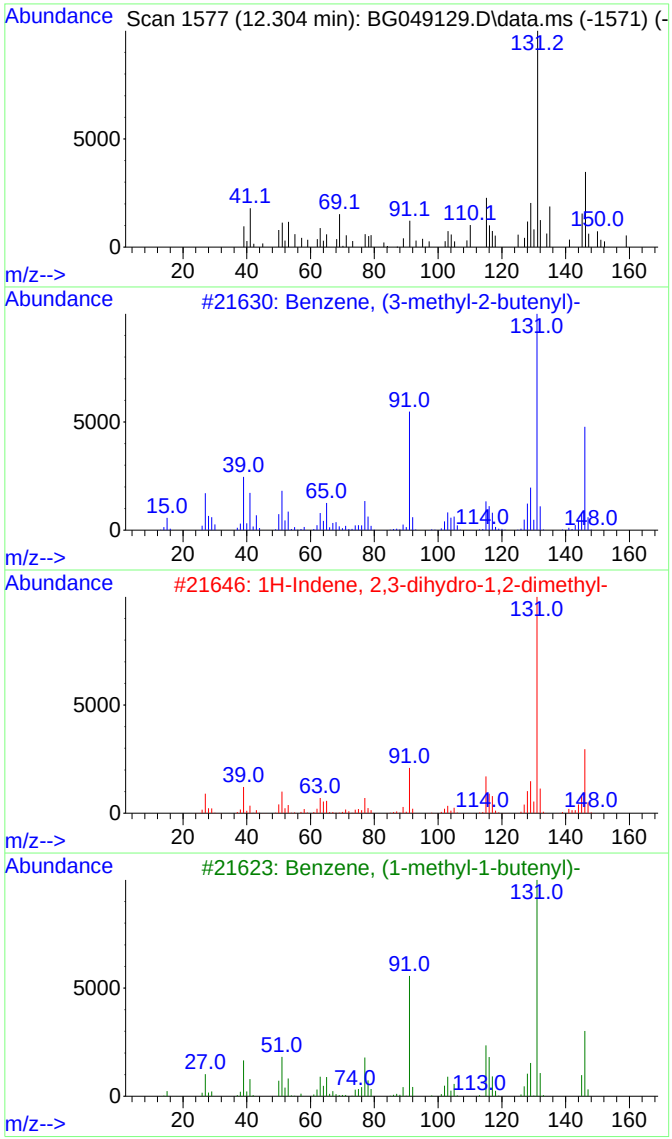
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

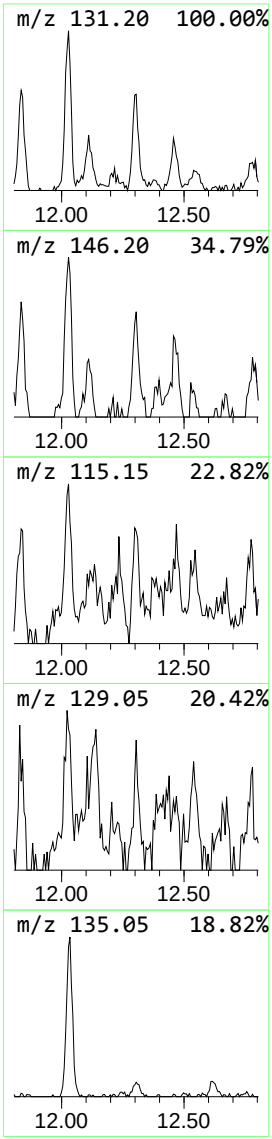
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, (3-methyl-2-butenyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.304	4.35 ng	72021	Naphthalene-d8	10.924

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	93
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	93
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	87
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	76





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Acq On : 28 Jun 2021 21:48
Operator : CG/JU
Sample : M2828-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ERM-16R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

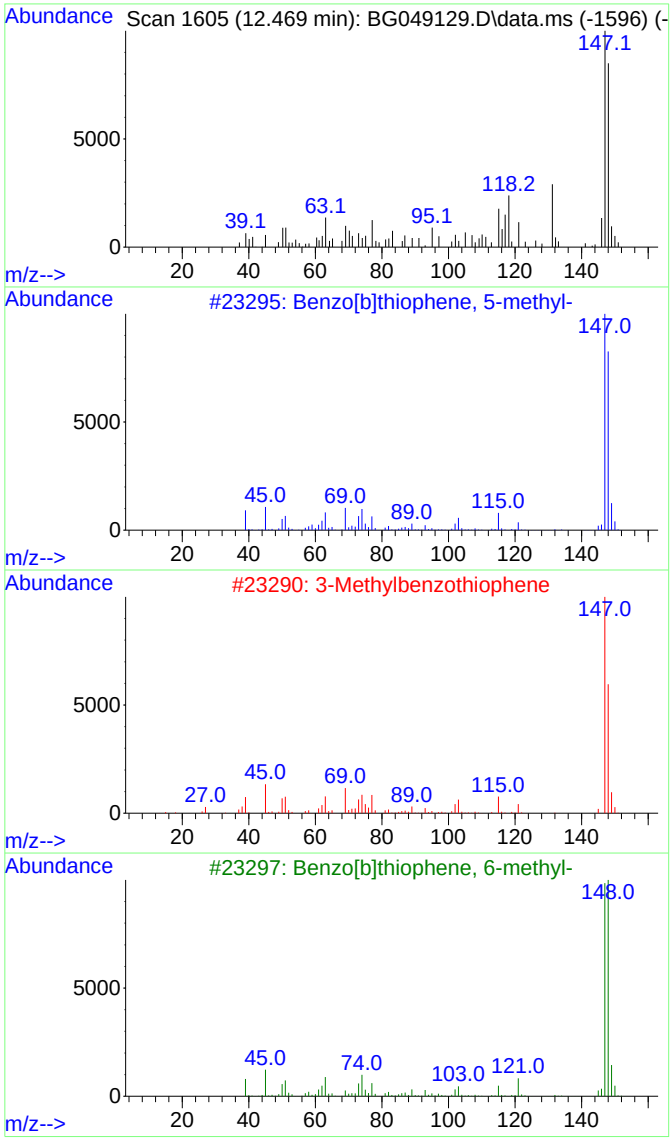
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

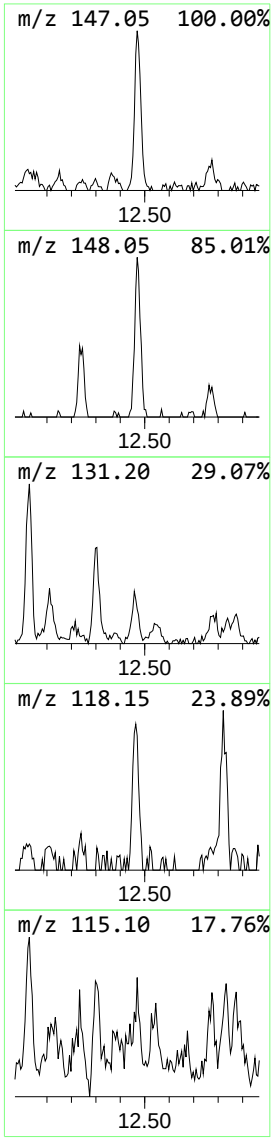
****

Peak Number 7 Benzo[b]thiophene, 5-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	5.20 ng	86071	Naphthalene-d8	10.924

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	62
2	3-Methylbenzothiophene	148	C9H8S	001455-18-1	62
3	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	58
4	trans-Cinnamic acid	148	C9H8O2	000140-10-3	53
5	2-Propenoic acid, 3-phenyl-	148	C9H8O2	000621-82-9	53





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Operator : CG/JU
Sample : M2828-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ERM-16R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

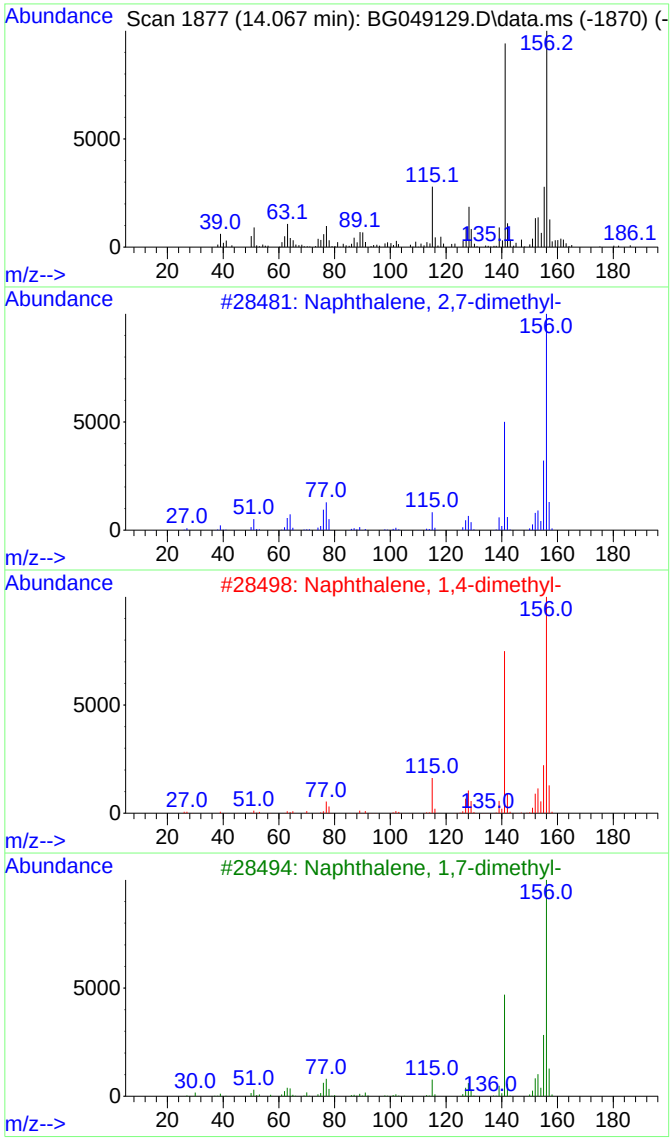
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

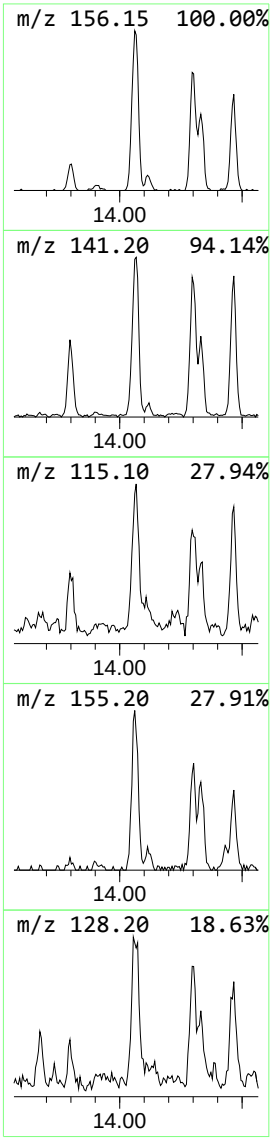
****

Peak Number 8 Naphthalene, 2,7-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.067	14.53 ng	295601	Acenaphthene-d10	14.743

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





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Operator : CG/JU
Sample : M2828-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ERM-16R

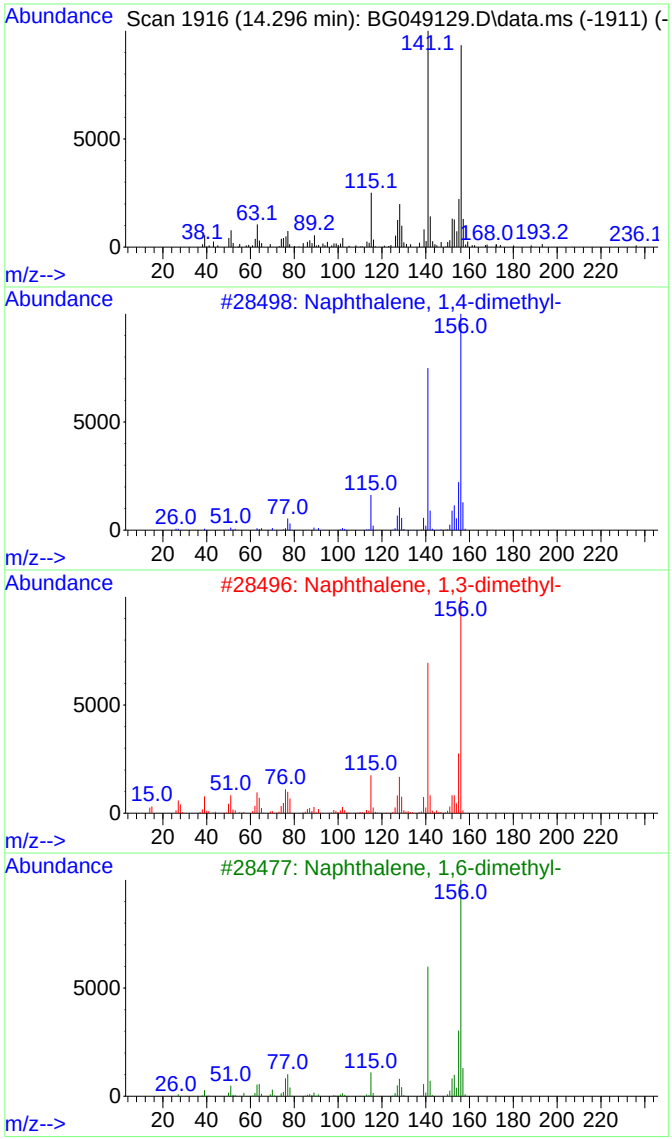
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

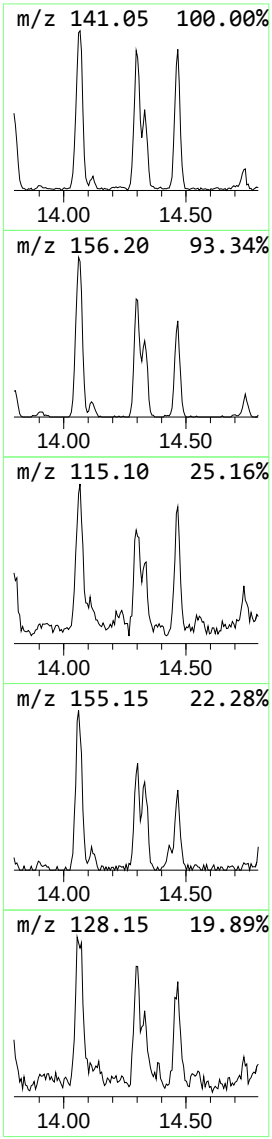
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.296	8.97 ng	182491	Acenaphthene-d10	14.743

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94





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Operator : CG/JU
Sample : M2828-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ERM-16R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.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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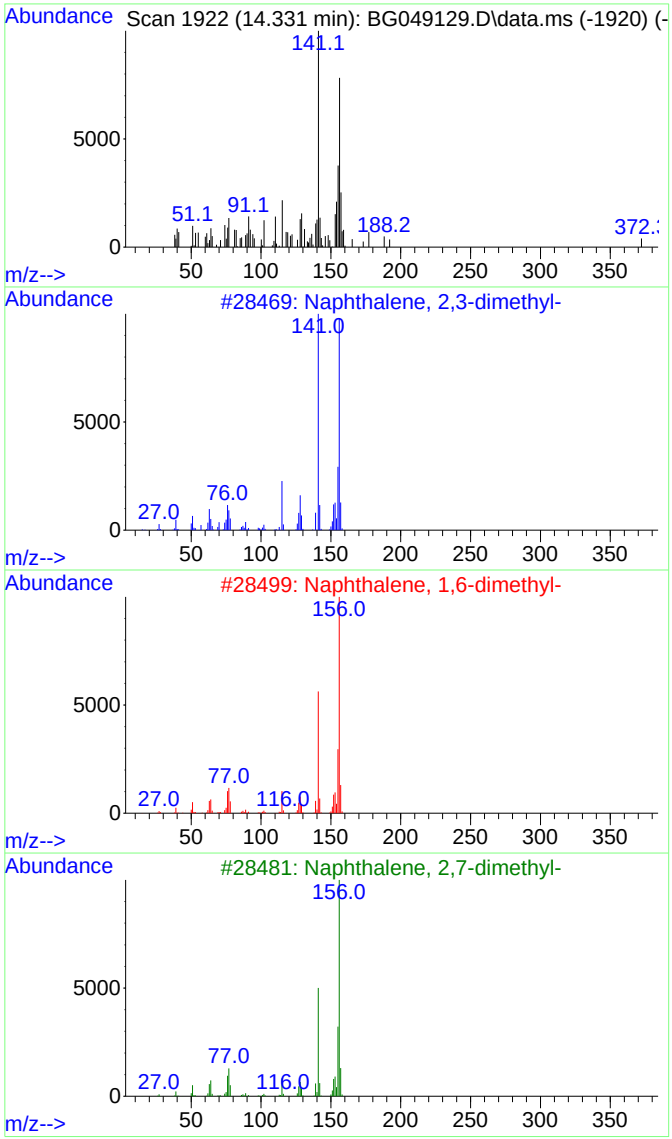
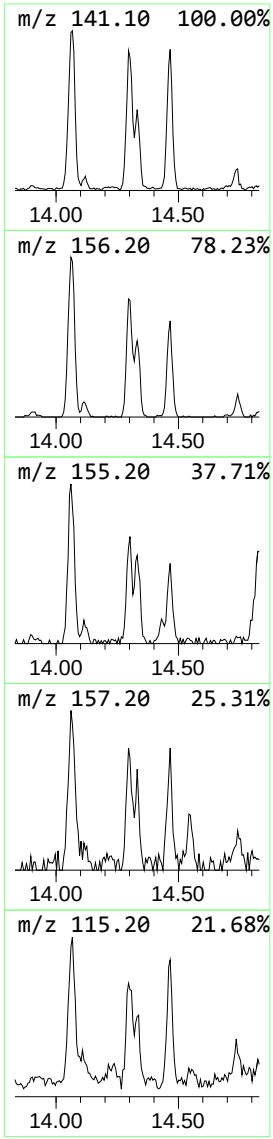
Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.331	4.49 ng	91312	Acenaphthene-d10	14.743

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	81
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	81
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	81
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	81
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	80





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Sample : M2828-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ERM-16R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.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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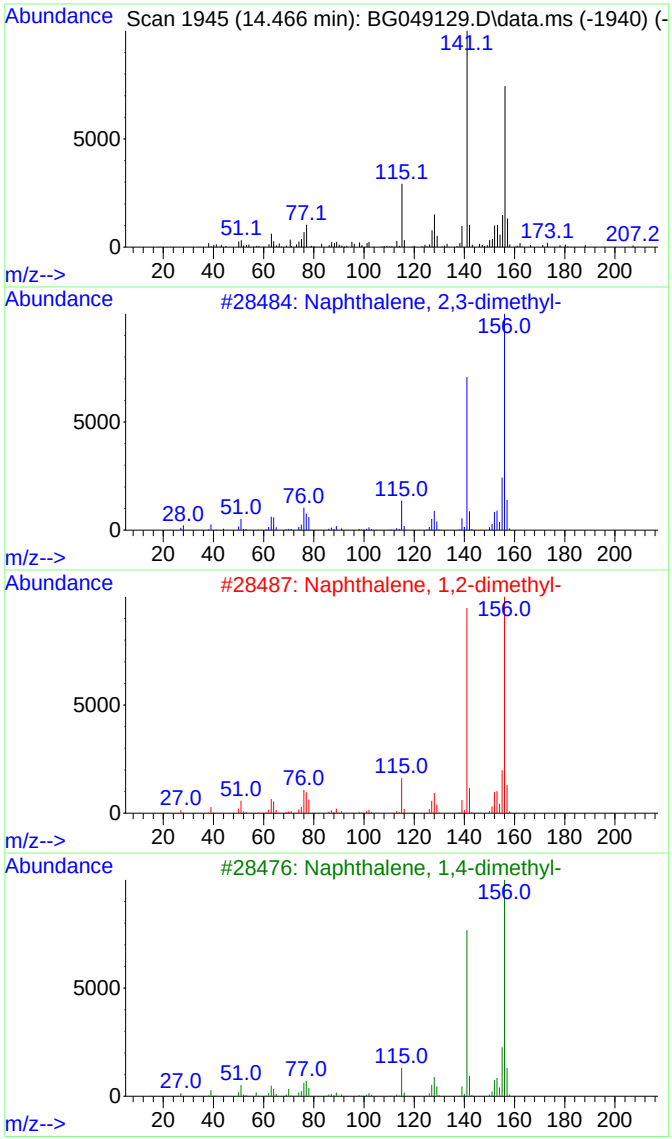
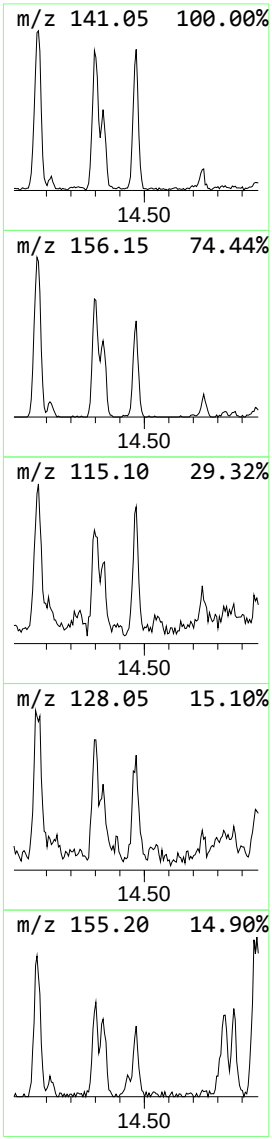
Peak Number 11 Naphthalene, 1,2-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.466	7.66 ng	155917	Acenaphthene-d10	14.743

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	93
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	90
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	87





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Acq On : 28 Jun 2021 21:48
Operator : CG/JU
Sample : M2828-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ERM-16R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

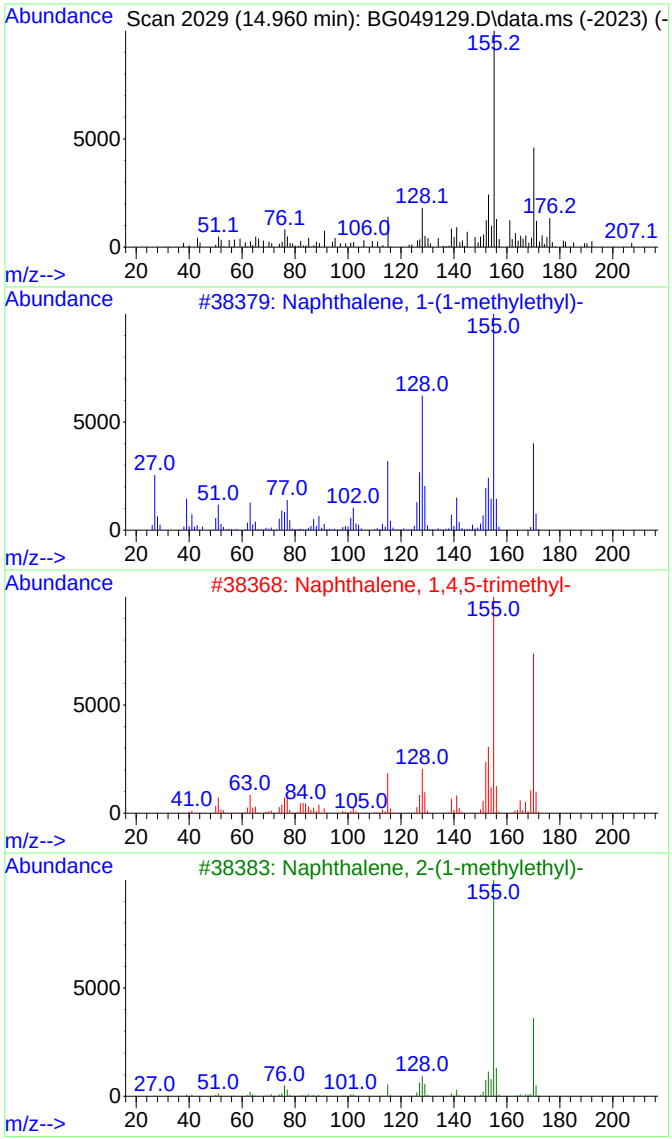
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

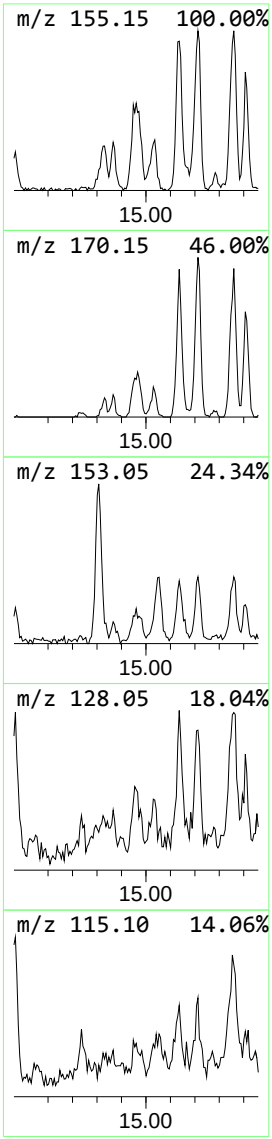
****

Peak Number 12 Naphthalene, 1-(1-methyleth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.960	4.94 ng	100615	Acenaphthene-d10	14.743

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	87
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	83
3	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	81
4	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	64
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64





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Acq On : 28 Jun 2021 21:48
Operator : CG/JU
Sample : M2828-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ERM-16R

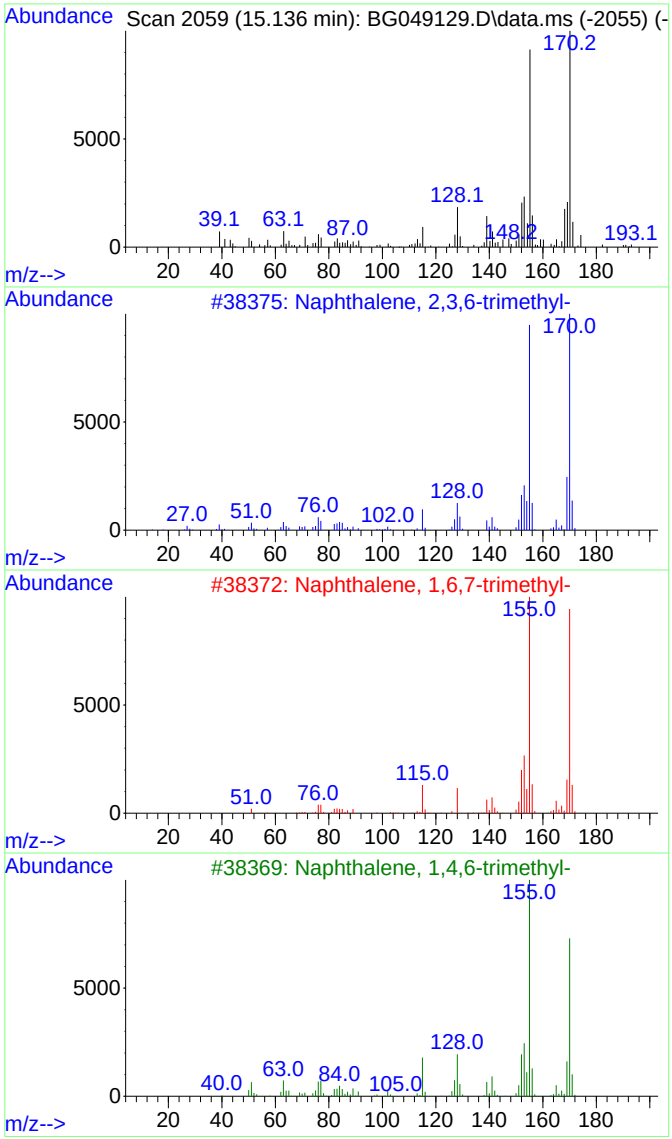
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

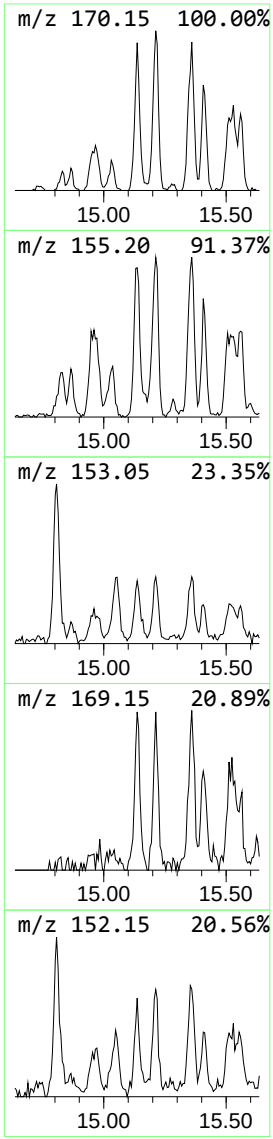
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.136	6.90 ng	140404	Acenaphthene-d10	14.743

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	94
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	72





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Operator : CG/JU
Sample : M2828-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ERM-16R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.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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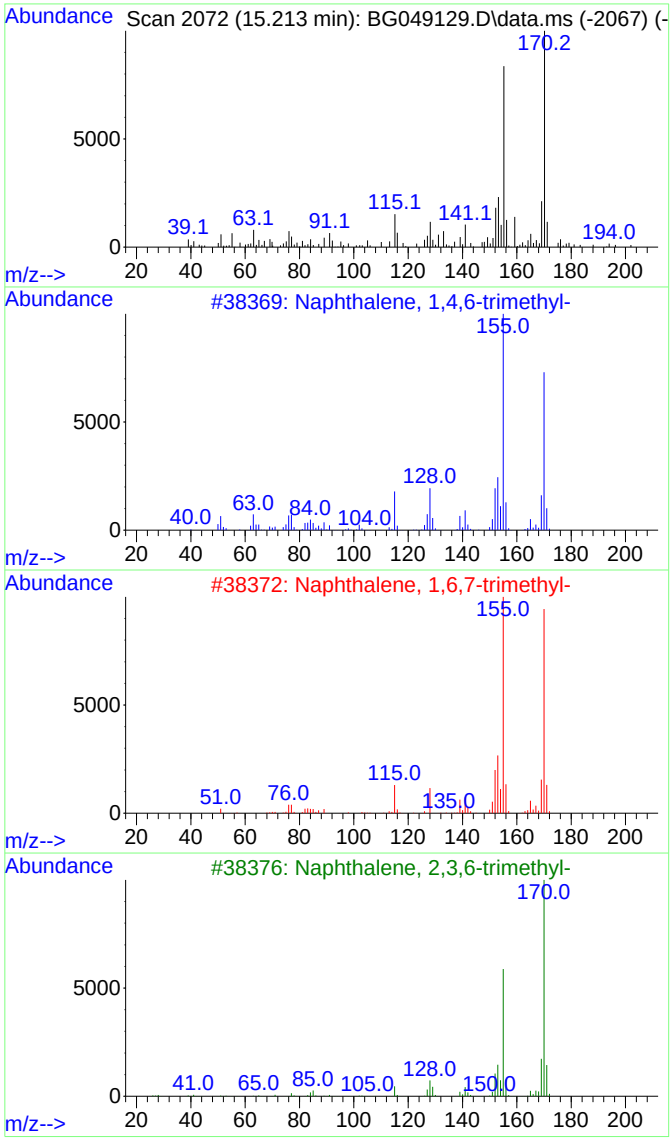
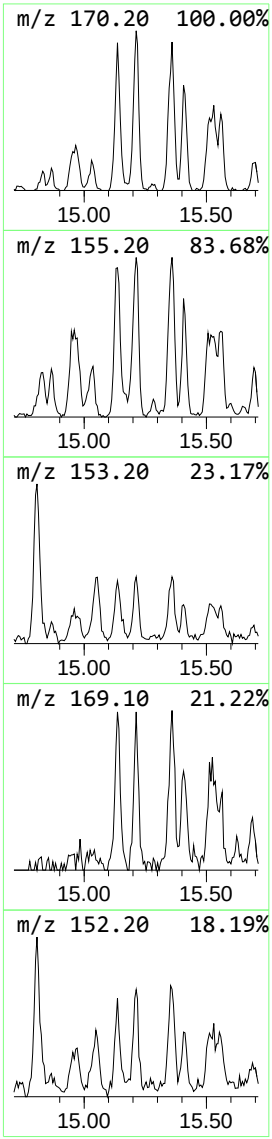
Peak Number 14 Naphthalene, 1,4,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.213	6.86 ng	139521	Acenaphthene-d10	14.743

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.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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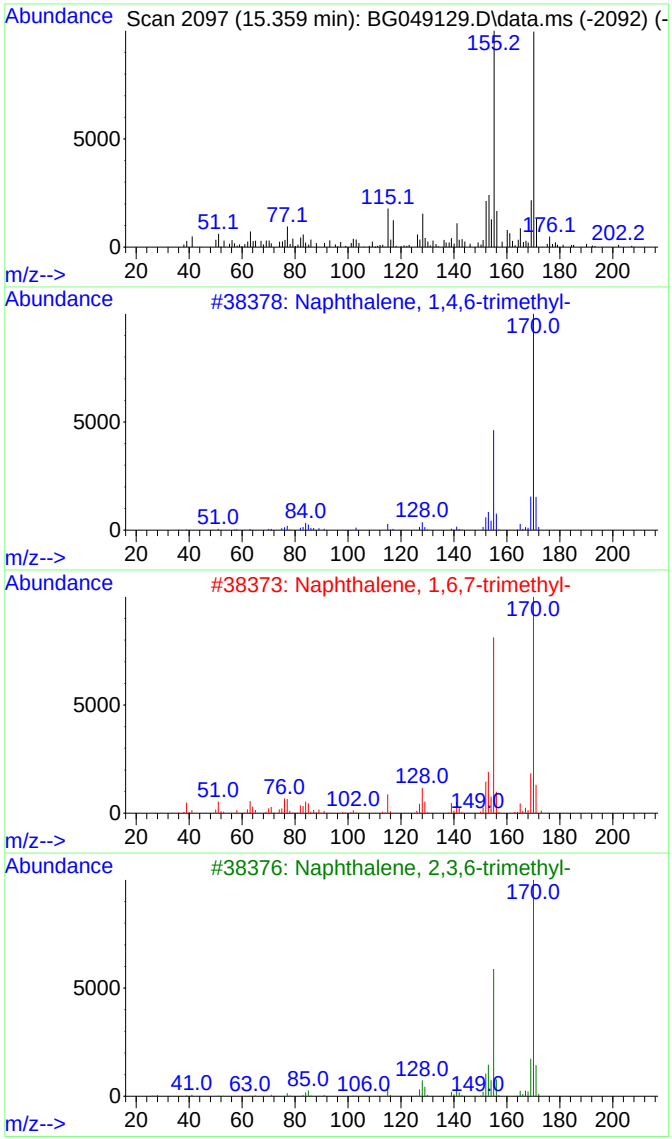
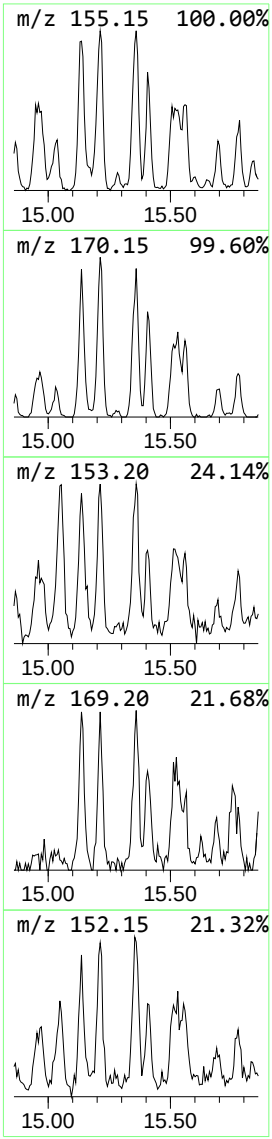
Peak Number 15 Naphthalene, 1,6,7-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.360	10.20 ng	207565	Acenaphthene-d10	14.743

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	90





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Instrument :
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ClientSampleId :
ERM-16R

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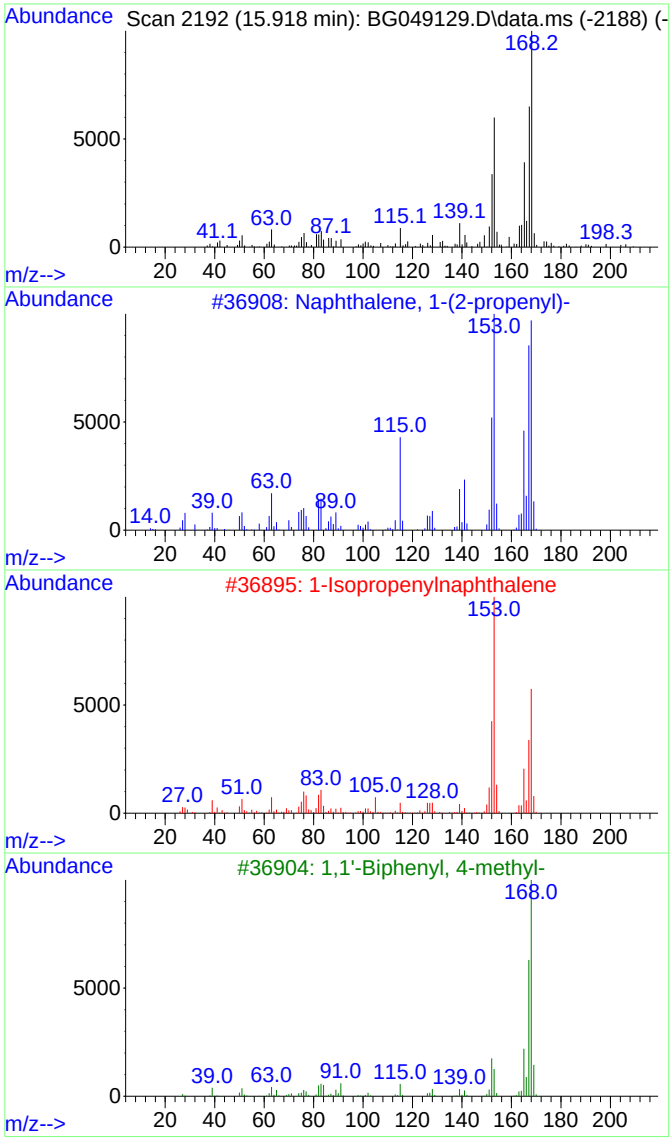
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

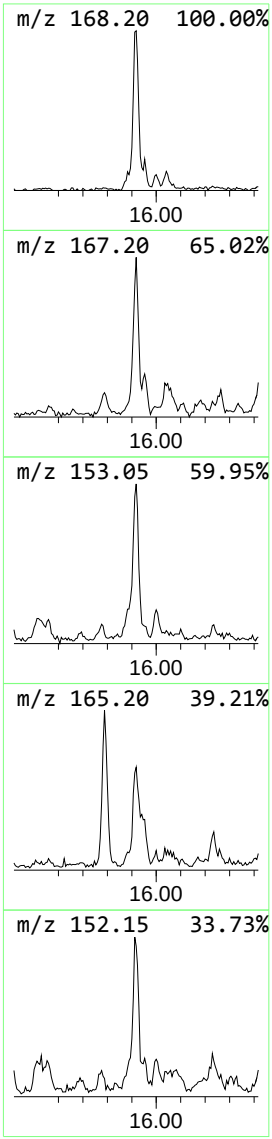
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 1-(2-propenyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.918	8.05 ng	163868	Acenaphthene-d10	14.743

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	81
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	64
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	58
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	58
5	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	53





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Sample : M2828-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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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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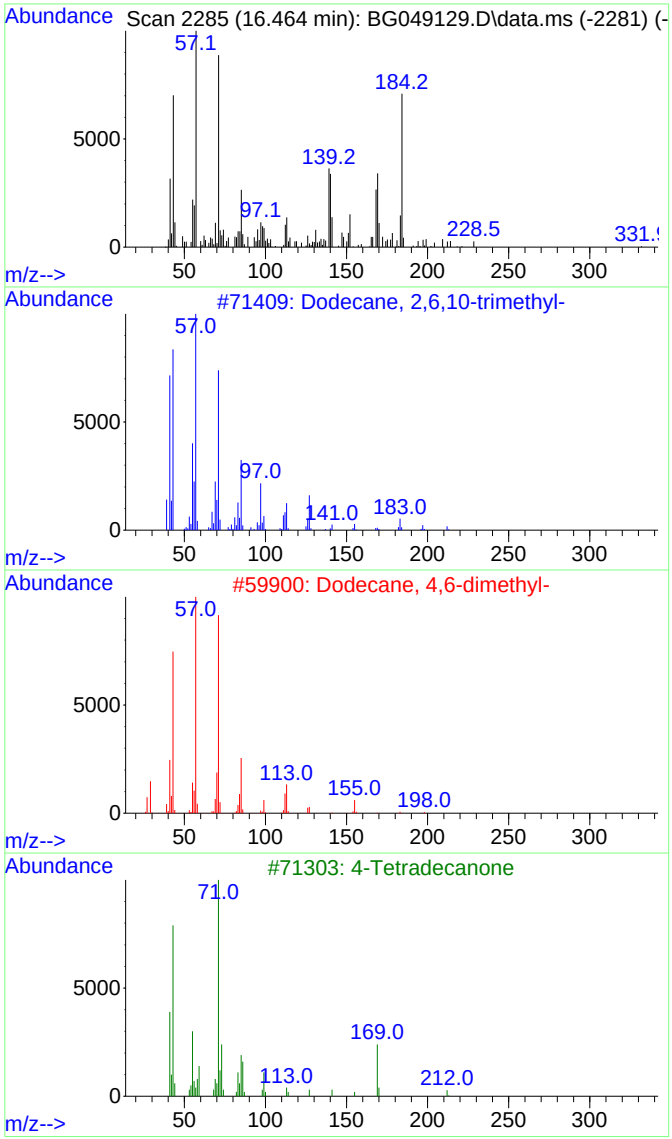
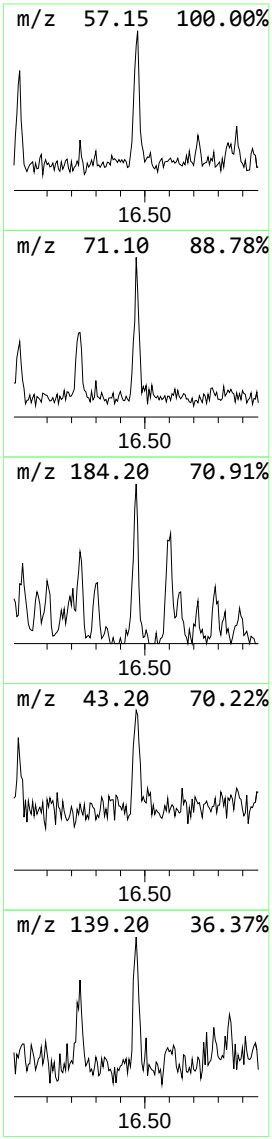
Peak Number 17 unknown16.464 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.464	4.99 ng	123077	Phenanthrene-d10	17.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	42
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	38
3	4-Tetradecanone	212	C14H28O	026496-20-8	38
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	38
5	1,2-Cyclohexanediol, 1-methyl-4-...	172	C10H20O2	033669-76-0	30





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Data File : BG049129.D
Acq On : 28 Jun 2021 21:48
Operator : CG/JU
Sample : M2828-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ERM-16R

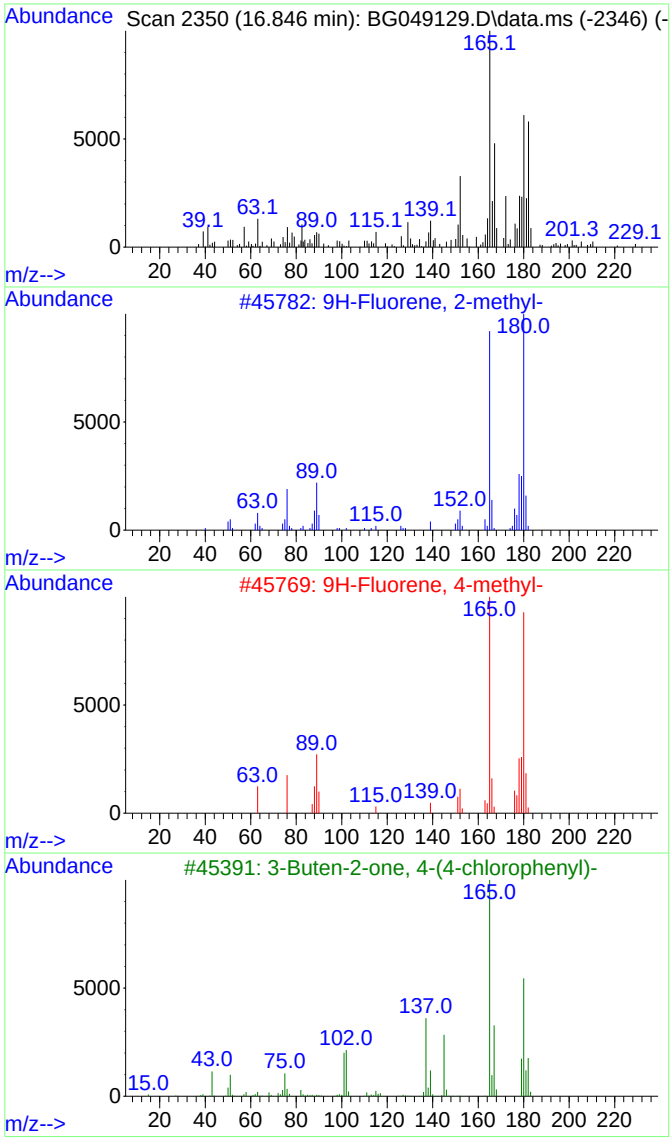
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

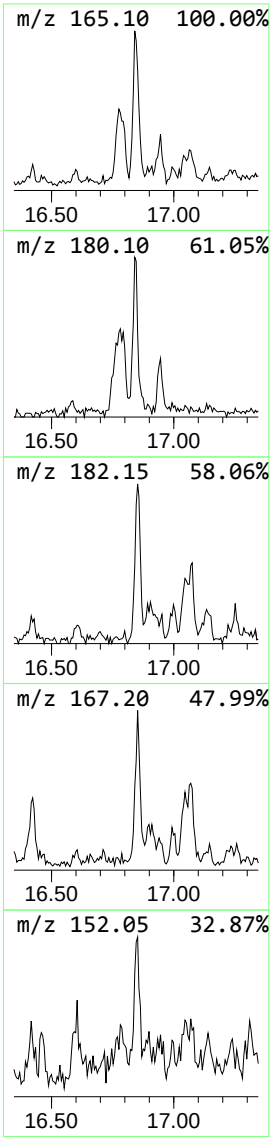
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 9H-Fluorene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.846	4.83 ng	119101	Phenanthrene-d10	17.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	55
2	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	55
3	3-Buten-2-one, 4-(4-chlorophenyl)-	180	C10H9ClO	003160-40-5	52
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	46
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049129.D
Acq On : 28 Jun 2021 21:48
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Sample : M2828-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ERM-16R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

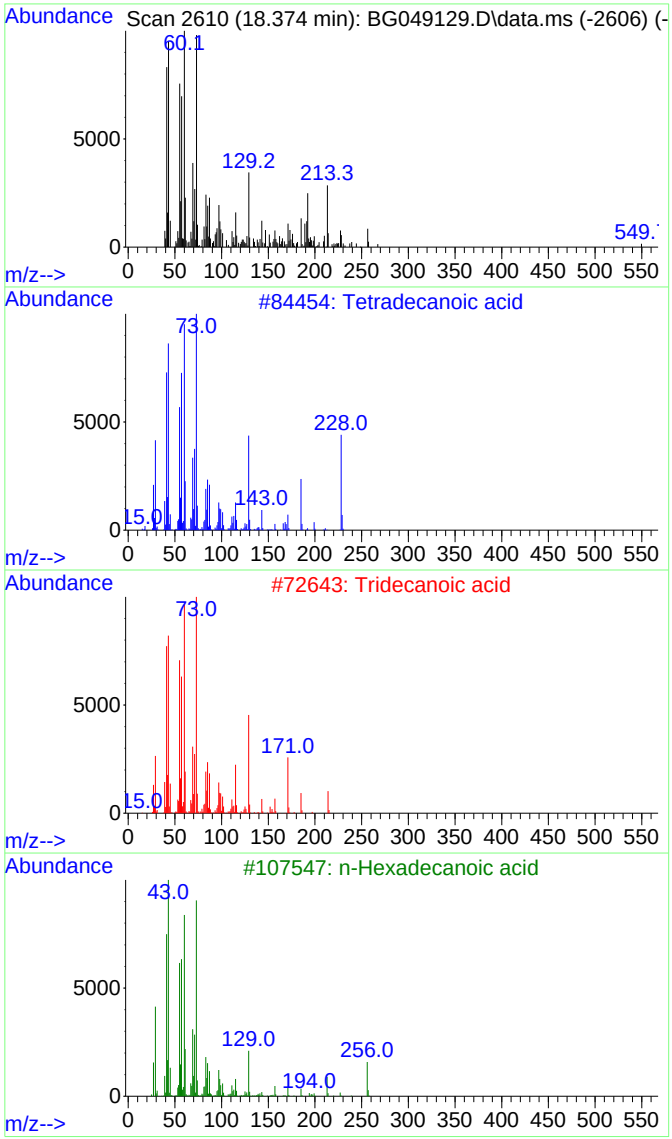
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

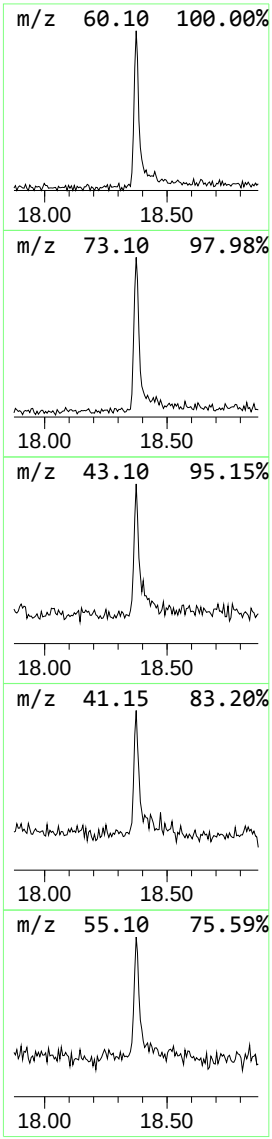
****

Peak Number 19 Tetradecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.374	8.46 ng	208470	Phenanthrene-d10	17.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	59
5	Dodecanoic acid	200	C12H24O2	000143-07-7	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049129.D
Acq On : 28 Jun 2021 21:48
Operator : CG/JU
Sample : M2828-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ERM-16R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

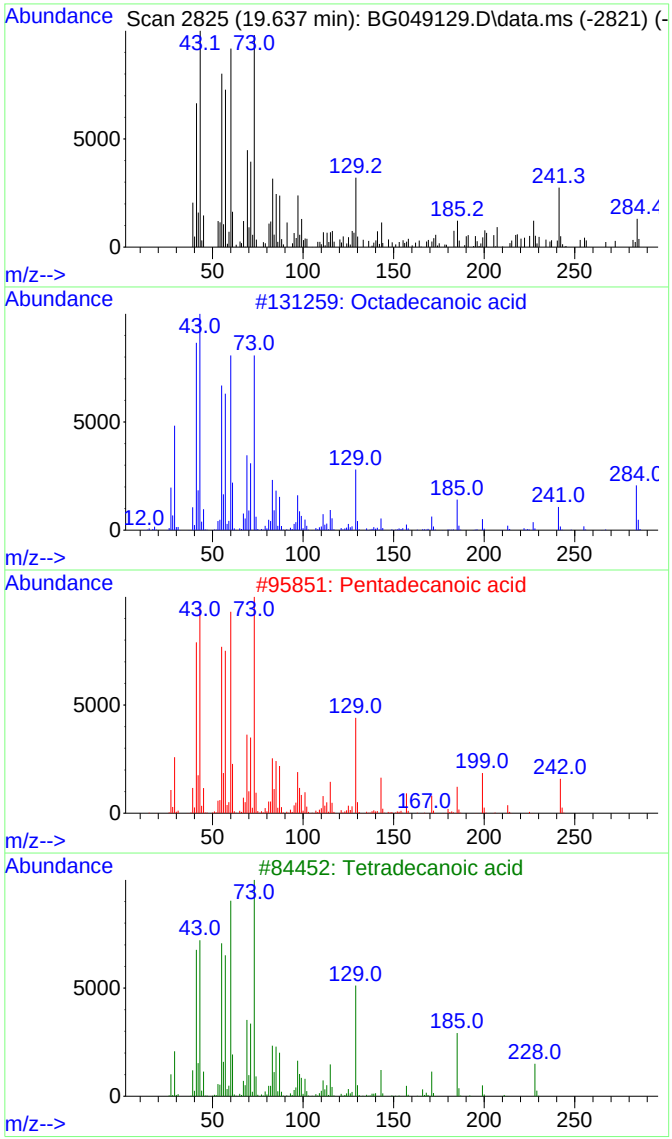
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

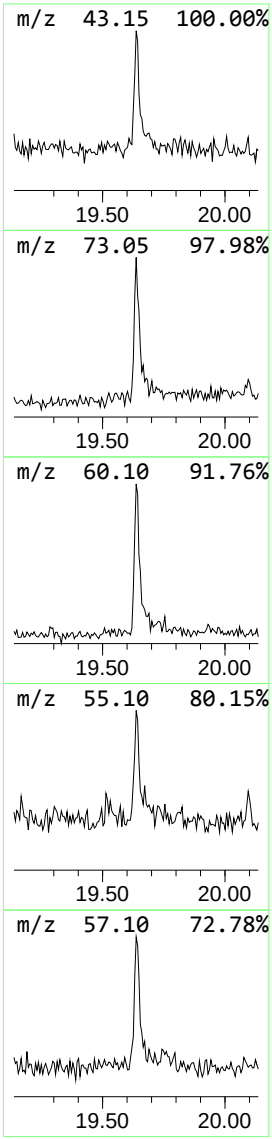
****

Peak Number 20 Octadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.637	4.20 ng	121891	Chrysene-d12	21.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	91
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
4	Heptadecane	240	C17H36	000629-78-7	53
5	Eicosane	282	C20H42	000112-95-8	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049129.D
Acq On : 28 Jun 2021 21:48
Operator : CG/JU
Sample : M2828-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ERM-16R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.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
Cyclohexane	3.150	26.5	ng	251105	1	8.103	189528	20.0
unknown3.227	3.227	7.4	ng	70285	1	8.103	189528	20.0
unknown5.183	5.183	4.1	ng	38691	1	8.103	189528	20.0
Benzo[b]thiophe...	12.028	9.7	ng	159778	2	10.924	331110	20.0
Benzene, pentam...	12.240	3.9	ng	63739	2	10.924	331110	20.0
Benzene, (3-met...	12.304	4.3	ng	72021	2	10.924	331110	20.0
Benzo[b]thiophe...	12.469	5.2	ng	86071	2	10.924	331110	20.0
Naphthalene, 2,...	14.067	14.5	ng	295601	3	14.743	406956	20.0
Naphthalene, 1,...	14.296	9.0	ng	182491	3	14.743	406956	20.0
Naphthalene, 2,...	14.331	4.5	ng	91312	3	14.743	406956	20.0
Naphthalene, 1,...	14.466	7.7	ng	155917	3	14.743	406956	20.0
Naphthalene, 1-...	14.960	4.9	ng	100615	3	14.743	406956	20.0
Naphthalene, 2,...	15.136	6.9	ng	140404	3	14.743	406956	20.0
Naphthalene, 1,...	15.213	6.9	ng	139521	3	14.743	406956	20.0
Naphthalene, 1,...	15.360	10.2	ng	207565	3	14.743	406956	20.0
Naphthalene, 1-...	15.918	8.1	ng	163868	3	14.743	406956	20.0
unknown16.464	16.464	5.0	ng	123077	4	17.492	493116	20.0
9H-Fluorene, 2-...	16.846	4.8	ng	119101	4	17.492	493116	20.0
Tetradecanoic acid	18.374	8.5	ng	208470	4	17.492	493116	20.0
Octadecanoic acid	19.637	4.2	ng	121891	5	21.775	580806	20.0