LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049128.D
Acq On : 28 Jun 2021 21:07
Operator : CG/JU
Sample : M2828-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LT-4

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: BG049128.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.151	11	19	28	rBV2	109249	235603	8.22%	1.527%
2	3.228	28	32	37	rVB	39894	60129	2.10%	0.390%
3	5.184	358	365	372	rBV	19902	28970	1.01%	0.188%
4	5.654	438	445	455	rBV	300509	490770	17.13%	3.180%
5	7.252	709	717	725	rBV	201423	351704	12.28%	2.279%
6	8.098	855	861	869	rBV	109816	191042	6.67%	1.238%
7	8.480	919	926	933	rBV	45095	76608	2.67%	0.496%
8	9.215	1045	1051	1054	rBV3	34024	61053	2.13%	0.396%
9	9.268	1054	1060	1071	rVB2	408070	850322	29.68%	5.510%
10	9.738	1133	1140	1147	rVB	54866	97675	3.41%	0.633%
11	10.108	1194	1203	1208	rBV4	19091	37664	1.31%	0.244%
12	10.161	1208	1212	1221	rBV4	46942	110122	3.84%	0.714%
13	10.313	1231	1238	1246	rVB3	95245	181586	6.34%	1.177%
14	10.625	1284	1291	1296	rBV6	16320	39622	1.38%	0.257%
15	10.684	1296	1301	1308	rVB2	31506	60859	2.12%	0.394%
16	10.919	1329	1341	1346	rBV2	156960	348837	12.18%	2.260%
17	11.030	1355	1360	1366	rBV2	45663	78904	2.75%	0.511%
18	11.089	1366	1370	1375	rVV	19334	32532	1.14%	0.211%
19	11.506	1431	1441	1445	rBV4	19117	43174	1.51%	0.280%
20	11.835	1490	1497	1504	rVB2	49155	95205	3.32%	0.617%
21	11.982	1513	1522	1523	rBV8	16055	32775	1.14%	0.212%
22	12.029	1525	1530	1539	rVV2	101581	185802	6.49%	1.204%
23	12.111	1539	1544	1553	rVV7	22950	61083	2.13%	0.396%
24	12.241	1558	1566	1571	rVB3	26616	54053	1.89%	0.350%
25	12.305	1571	1577	1584	rBV3	45463	81662	2.85%	0.529%
26	12.411	1586	1595	1598	rBV10	17337	48062	1.68%	0.311%
27	12.470	1598	1605	1611	rVB2	71469	137106	4.79%	0.888%
28	12.546	1611	1618	1626	rBV8	21257	57930	2.02%	0.375%
29	12.781	1652	1658	1663	rBV7	32379	59269	2.07%	0.384%
30	13.028	1690	1700	1705	rBV10	24376	75109	2.62%	0.487%
31	13.087	1705	1710	1715	rVB3	35855	63560	2.22%	0.412%
32	13.192	1724	1728	1732	rBV5	23114	35601	1.24%	0.231%
33	13.369	1749	1758	1763	rBV	1052524	1685509	58.83%	10.922%
34	13.798	1827	1831	1835	rVB	43623	68564	2.39%	0.444%
35	13.915	1847	1851	1857	rVB7	22666	39867	1.39%	0.258%
36	13.974	1857	1861	1865	rBV4	32636	54545	1.90%	0.353%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049128.D
Acq On : 28 Jun 2021 21:07
Operator : CG/JU
Sample : M2828-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LT-4

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	14.062	1870	1876	1881	rBV2	171140	347174	12.12%	2.250%
38	14.226	1900	1904	1911	rVB9	32872	67249	2.35%	0.436%
39	14.297	1911	1916	1919	rBV3	80186	135985	4.75%	0.881%
40	14.332	1919	1922	1926	rVB2	48356	77149	2.69%	0.500%
41	14.461	1938	1944	1951	rVB2	89150	171890	6.00%	1.114%
42	14.555	1957	1960	1964	rVB3	34049	44107	1.54%	0.286%
43	14.744	1986	1992	1997	rBV	276596	456677	15.94%	2.959%
44	14.802	2000	2002	2007	rVB	33414	43937	1.53%	0.285%
45	15.055	2041	2045	2052	rBV6	45321	80305	2.80%	0.520%
46	15.167	2061	2064	2069	rVB2	62744	76891	2.68%	0.498%
47	15.214	2069	2072	2076	rVB5	32969	43217	1.51%	0.280%
48	15.331	2089	2092	2093	rBV2	30794	34357	1.20%	0.223%
49	15.783	2165	2169	2175	rBV5	66183	108709	3.79%	0.704%
50	15.848	2176	2180	2185	rVV7	60483	106613	3.72%	0.691%
51	15.919	2188	2192	2201	rVB2	94396	193610	6.76%	1.255%
52	16.230	2239	2245	2256	rVB	1081064	1785837	62.33%	11.572%
53	17.493	2454	2460	2465	rBV	331160	531716	18.56%	3.445%
54	18.380	2606	2611	2619	rBV	309234	468664	16.36%	3.037%
55	19.638	2821	2825	2837	rBV	173454	272531	9.51%	1.766%
56	20.096	2897	2903	2909	rVB	2157240	2865086	100.00%	18.565%
57	20.877	3034	3036	3040	rVB	29180	35462	1.24%	0.230%
58	21.400	3123	3125	3132	rVB7	33911	51804	1.81%	0.336%
59	21.776	3183	3189	3197	rVB	358295	586261	20.46%	3.799%
60	25.096	3743	3754	3764	rVB	212891	634447	22.14%	4.111%

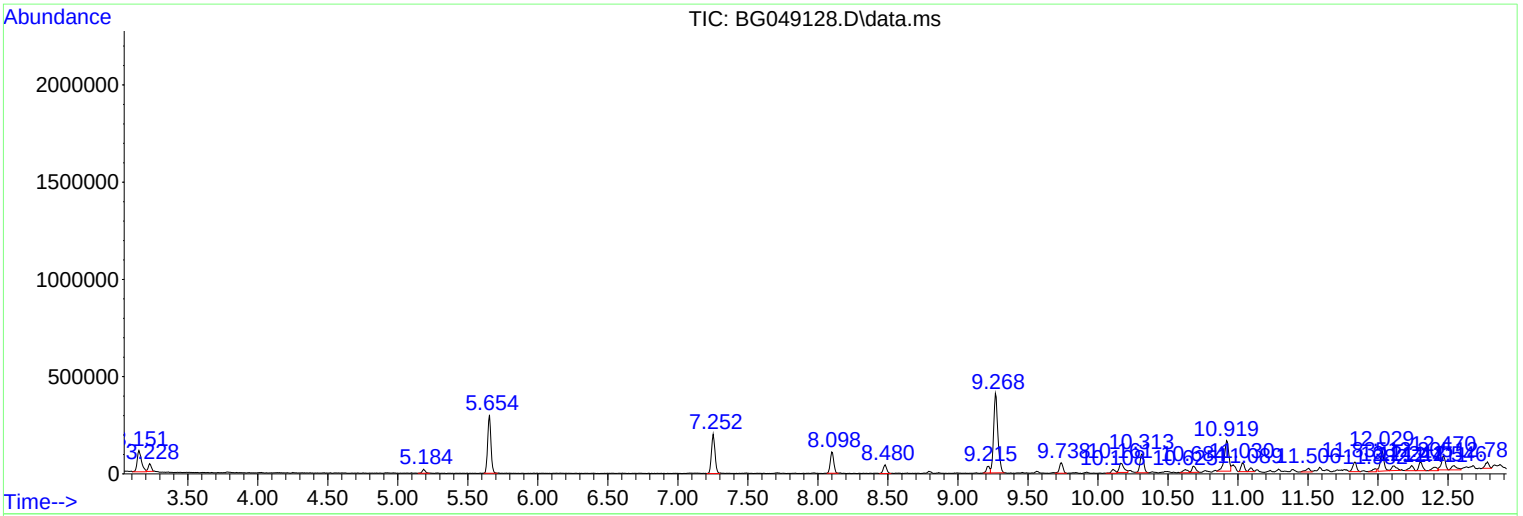
Sum of corrected areas: 15432556

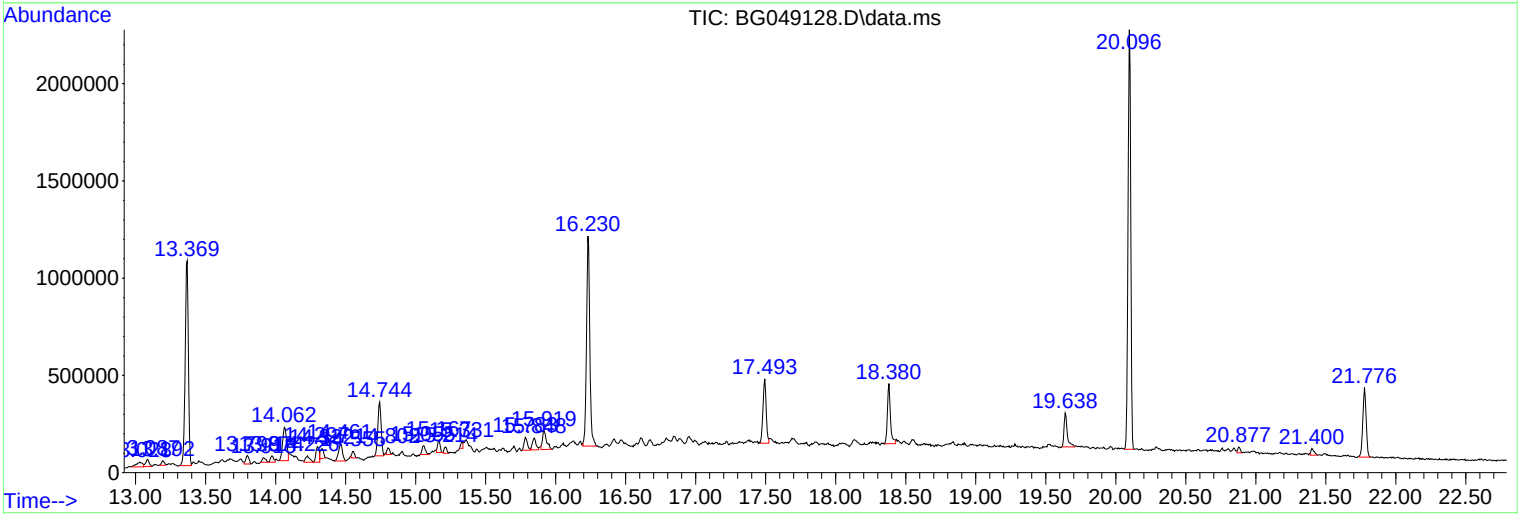
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049128.D
Acq On : 28 Jun 2021 21:07
Operator : CG/JU
Sample : M2828-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

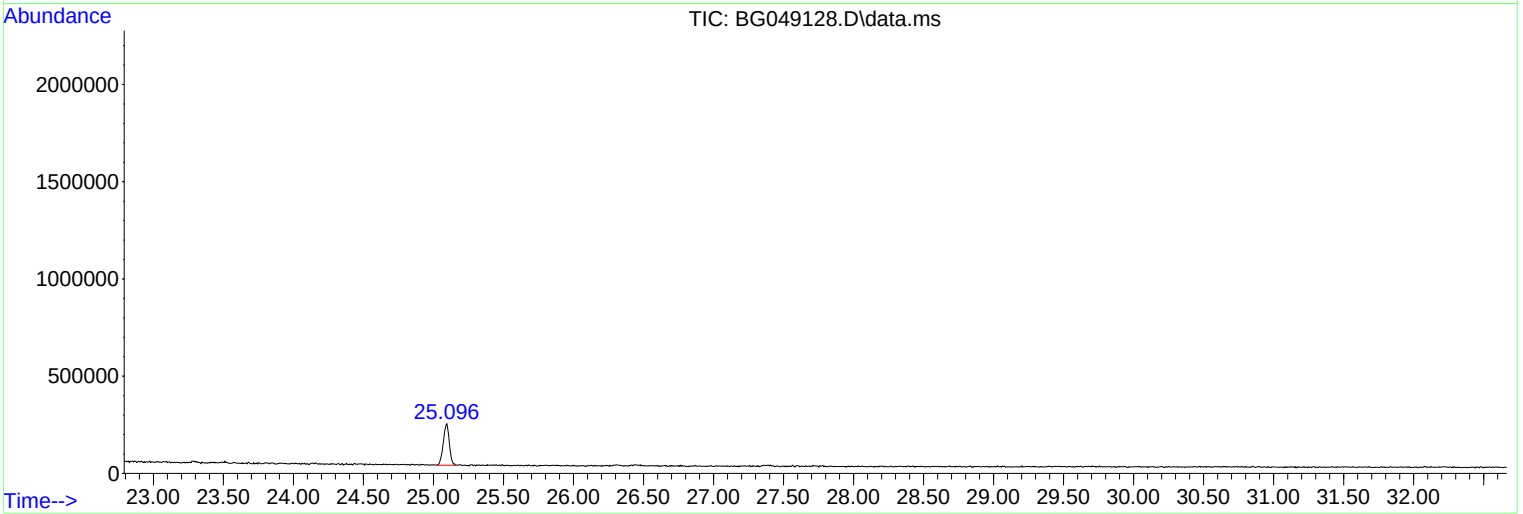
Instrument :
BNA_G
ClientSampleId :
LT-4

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 : BG049128.D
Acq On : 28 Jun 2021 21:07
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Sample : M2828-04
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

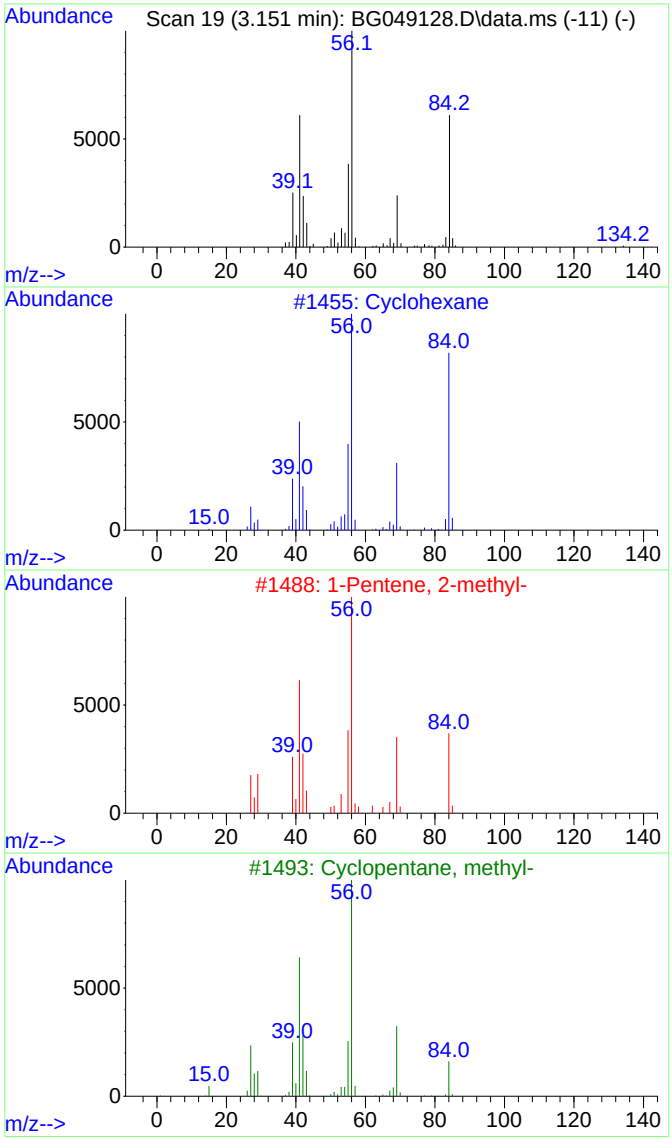
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

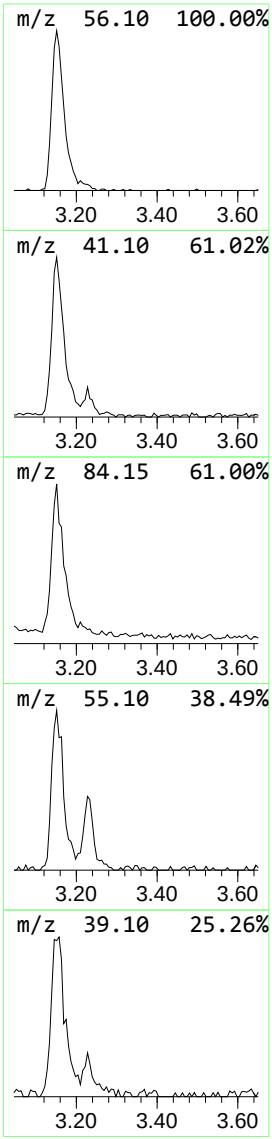
****

Peak Number 1 Cyclohexane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.151	24.66 ng	235603	1,4-Dichlorobenzene-d4	8.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	94
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	53
4	1-Hexene	84	C6H12	000592-41-6	53
5	1-Butanol	74	C4H10O	000071-36-3	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049128.D
Acq On : 28 Jun 2021 21:07
Operator : CG/JU
Sample : M2828-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LT-4

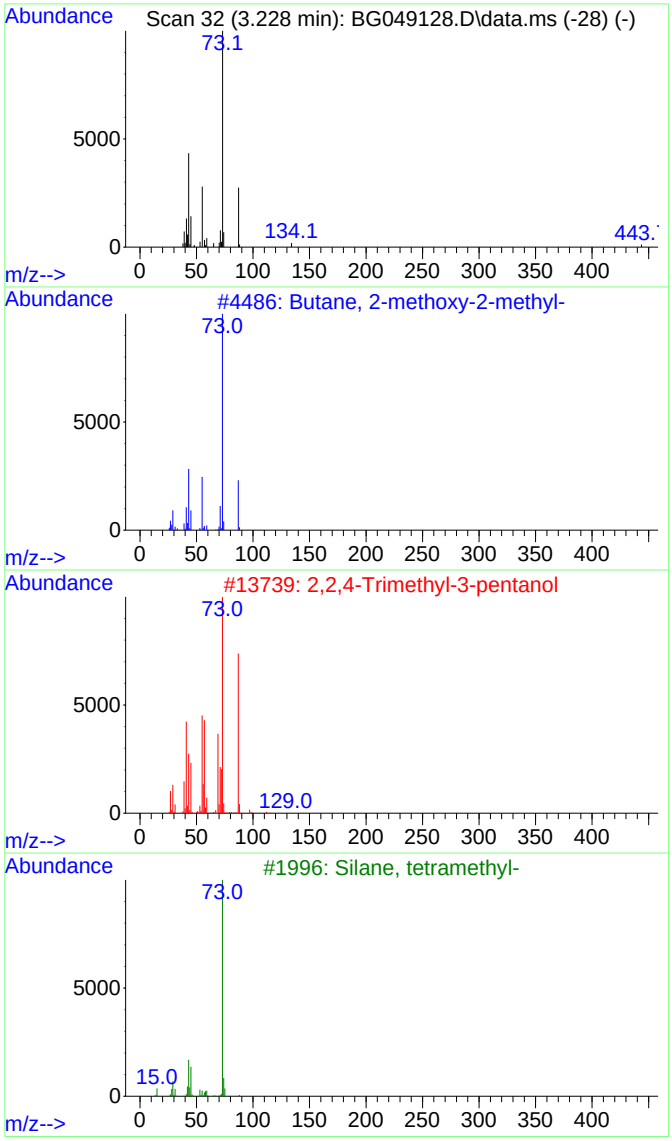
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

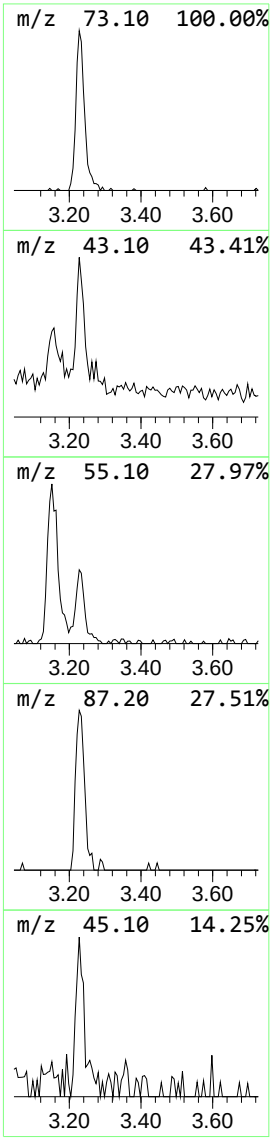
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.228	6.29 ng	60129	1,4-Dichlorobenzene-d4	8.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
4	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	17
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049128.D
Acq On : 28 Jun 2021 21:07
Operator : CG/JU
Sample : M2828-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LT-4

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

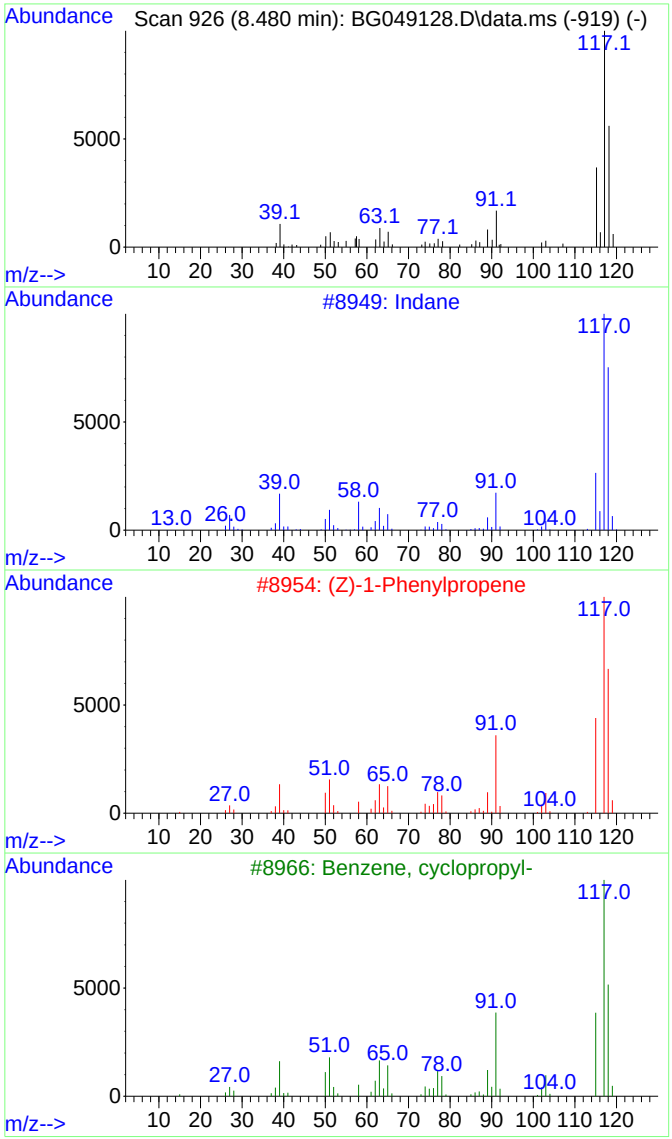
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

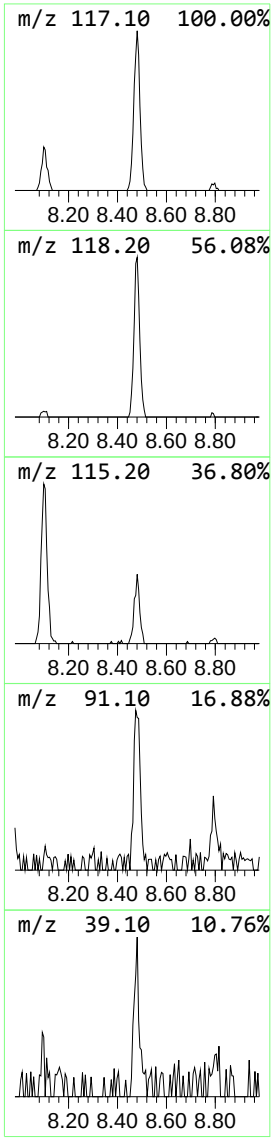
****

Peak Number 3 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.480	8.02 ng	76608	1,4-Dichlorobenzene-d4	8.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	90
2	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	76
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	62
5	3-Phenyl-1-propanol, acetate	178	C11H14O2	000122-72-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049128.D
Acq On : 28 Jun 2021 21:07
Operator : CG/JU
Sample : M2828-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LT-4

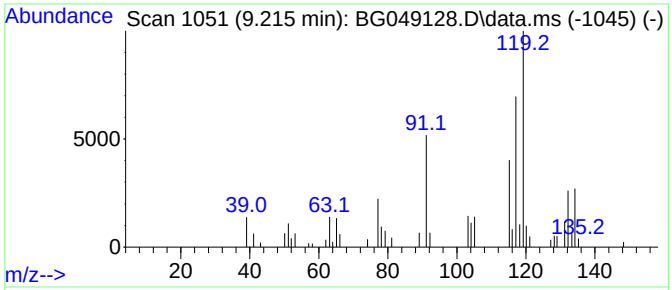
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

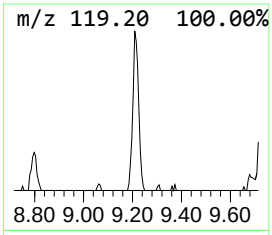
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

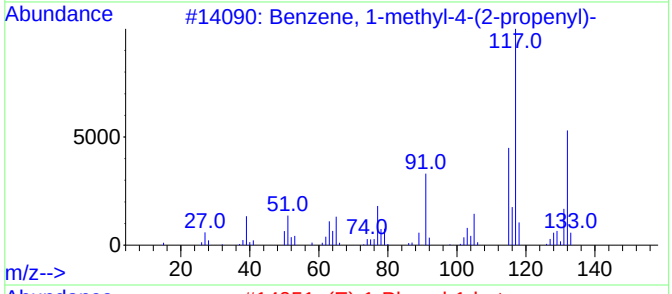
****
Peak Number 4 Benzene, 1-methyl-4-(2-prop... Concentration Rank 11

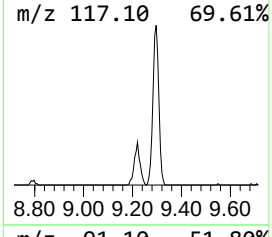
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.215	6.39 ng	61053	1,4-Dichlorobenzene-d4	8.104

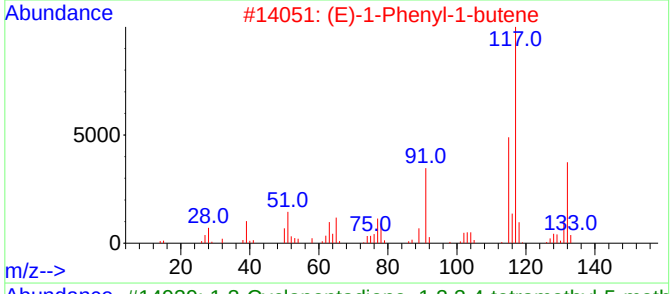
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	50
2	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	50
3	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	49
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	49
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	49

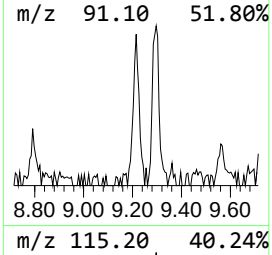


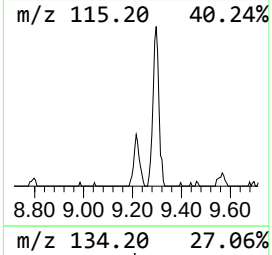


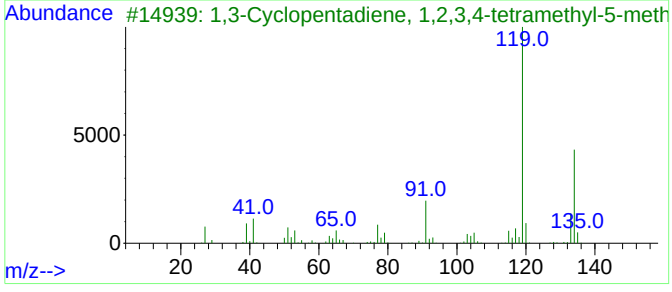


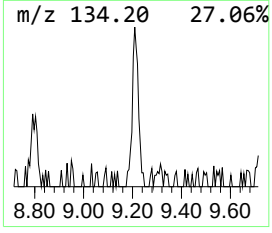












Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049128.D
Acq On : 28 Jun 2021 21:07
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Sample : M2828-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LT-4

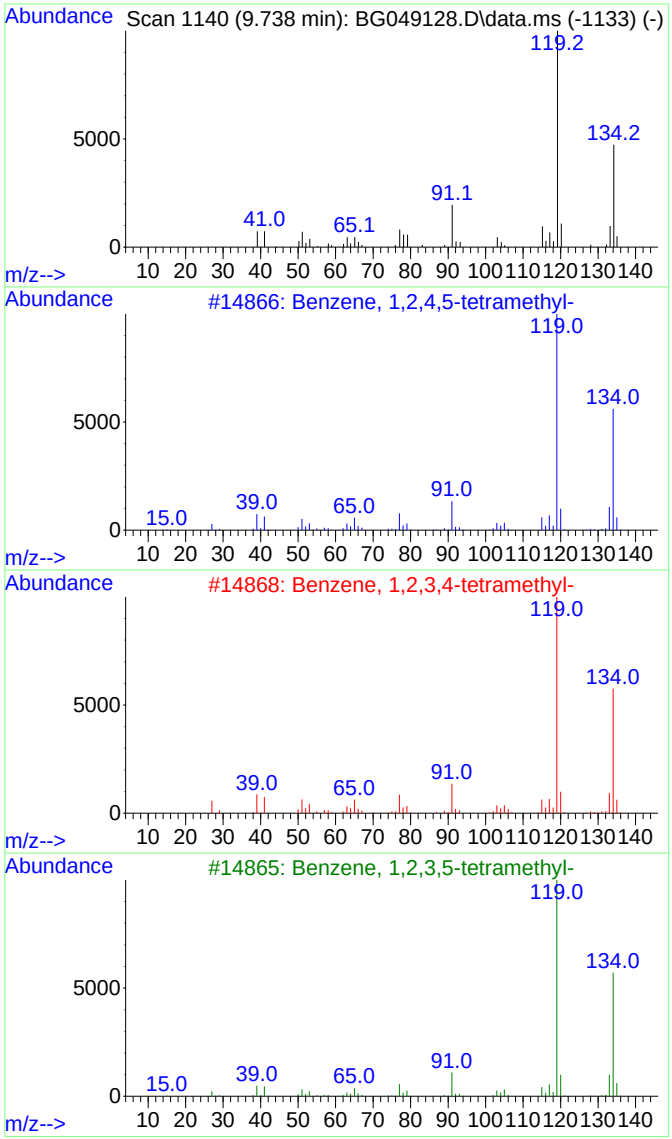
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

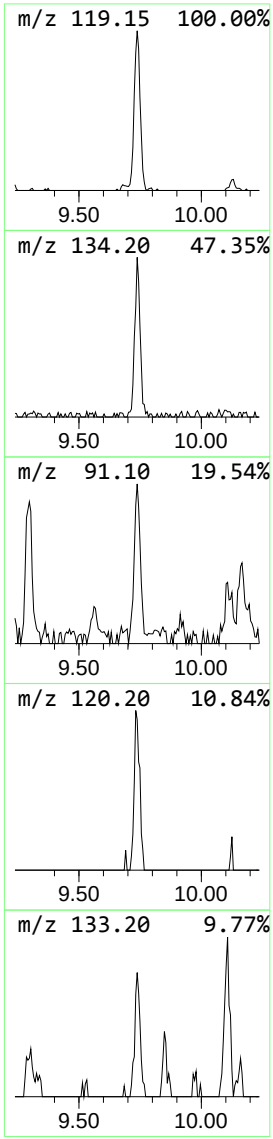
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.738	5.60 ng	97675	Naphthalene-d8	10.919

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049128.D
Acq On : 28 Jun 2021 21:07
Operator : CG/JU
Sample : M2828-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LT-4

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

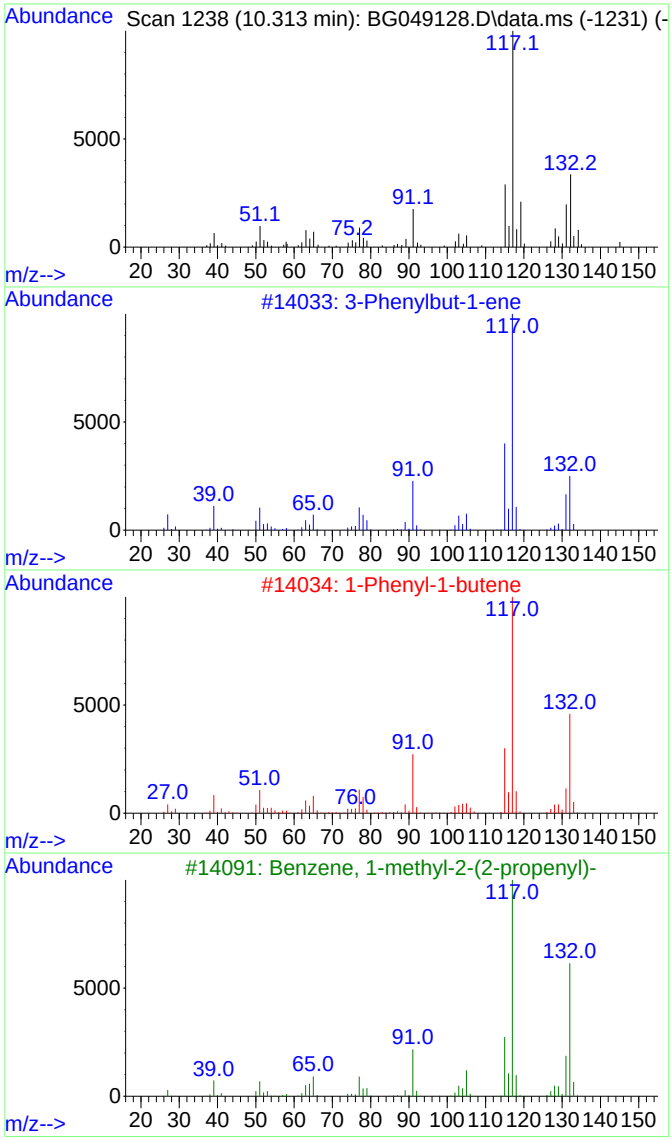
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

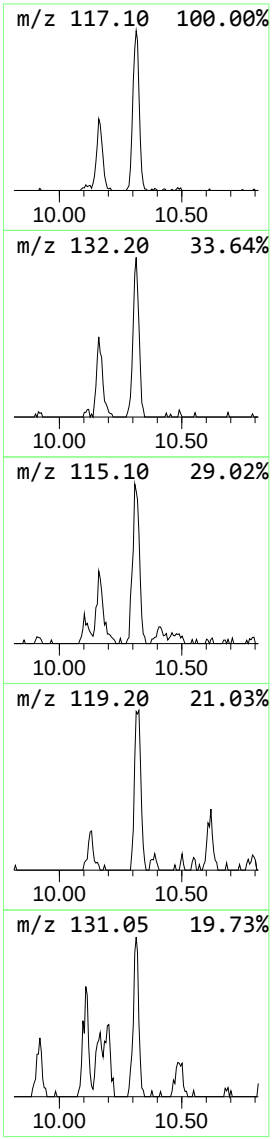
****

Peak Number 6 3-Phenylbut-1-ene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.313	10.41 ng	181586	Naphthalene-d8	10.919

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	89
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	76
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76





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Data File : BG049128.D
Acq On : 28 Jun 2021 21:07
Operator : CG/JU
Sample : M2828-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LT-4

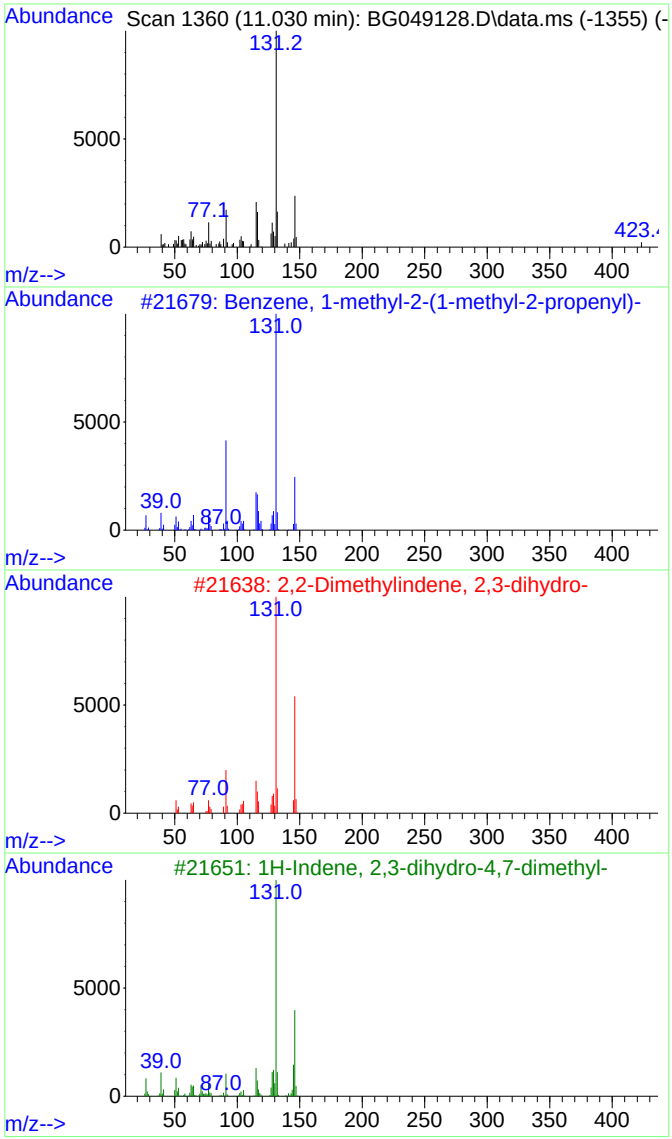
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

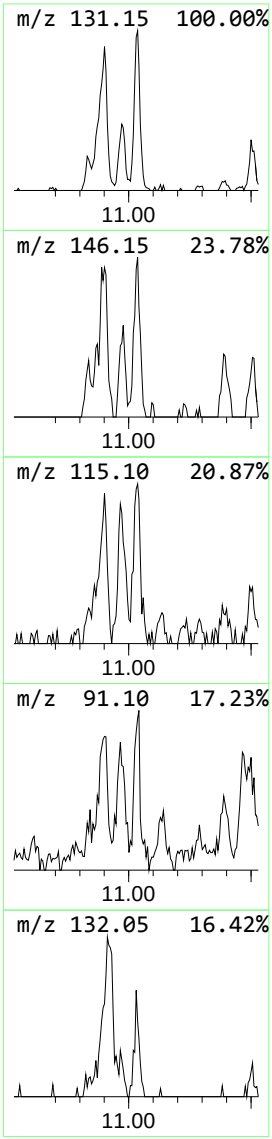
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-methyl-2-(1-meth... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.030	4.52 ng	78904	Naphthalene-d8	10.919

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	91
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	90





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Data File : BG049128.D
Acq On : 28 Jun 2021 21:07
Operator : CG/JU
Sample : M2828-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LT-4

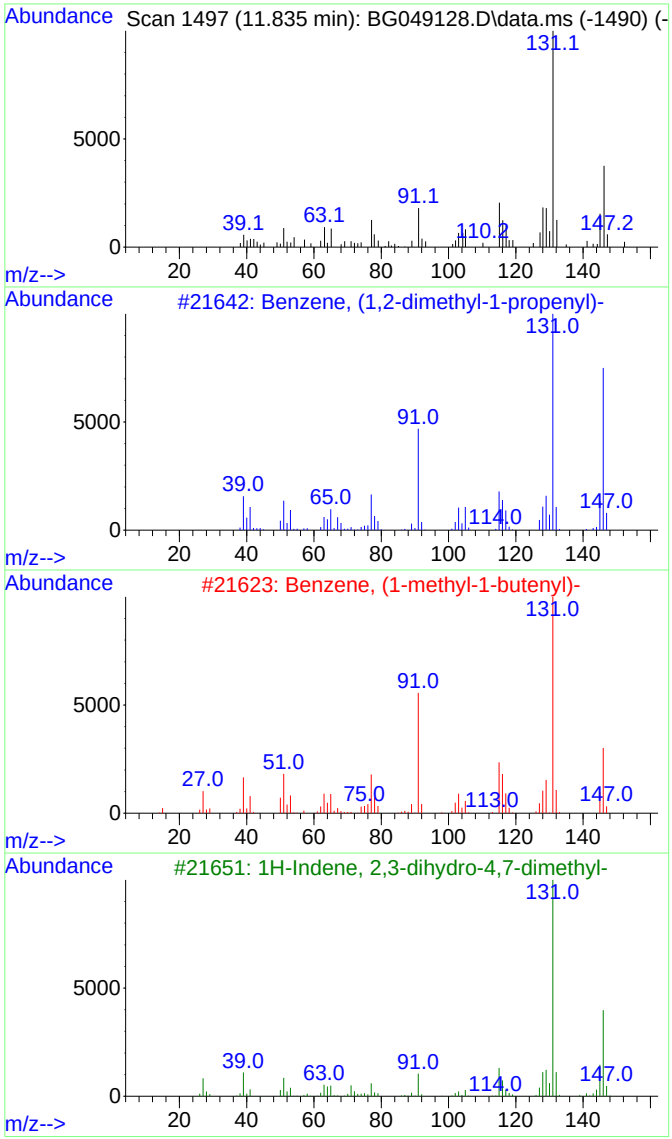
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

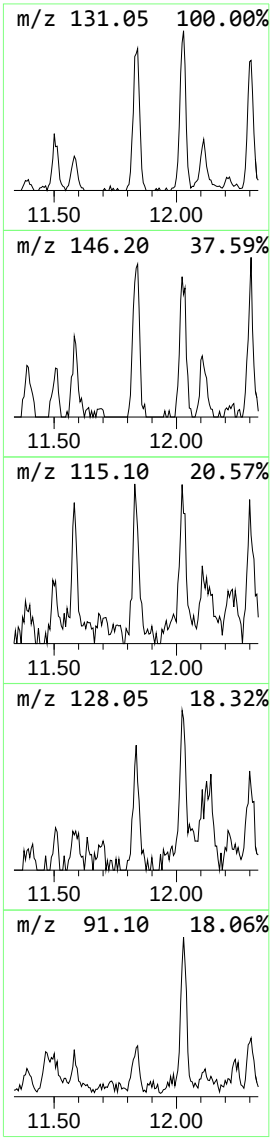
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.835	5.46 ng	95205	Naphthalene-d8	10.919

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	96
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	95
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	94





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Data File : BG049128.D
Acq On : 28 Jun 2021 21:07
Operator : CG/JU
Sample : M2828-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LT-4

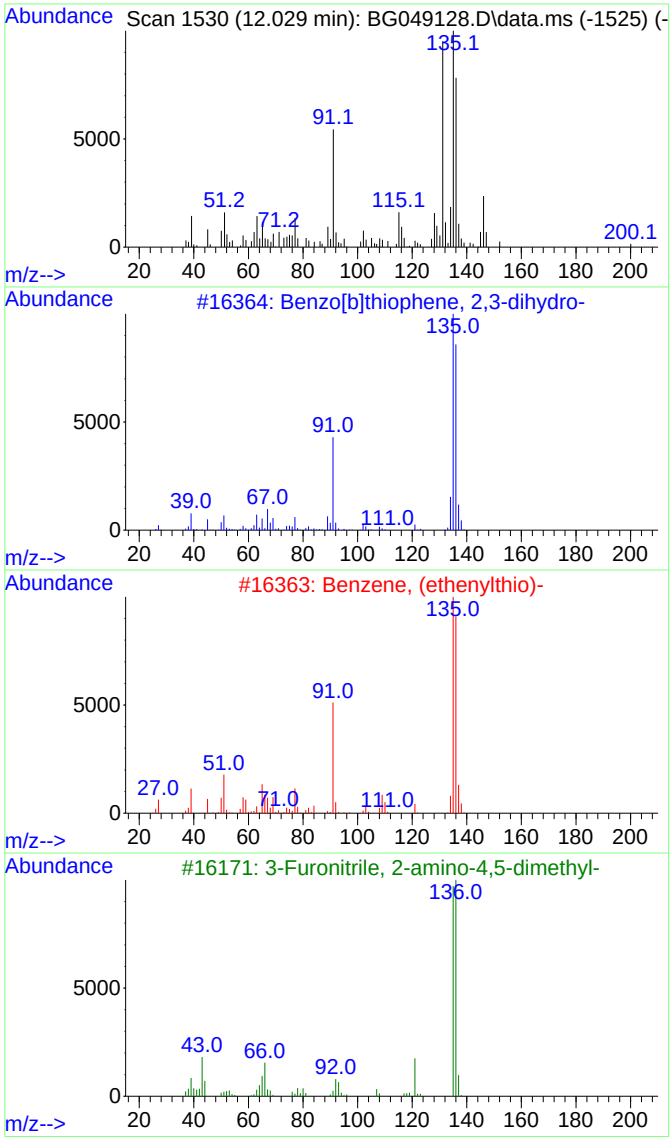
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

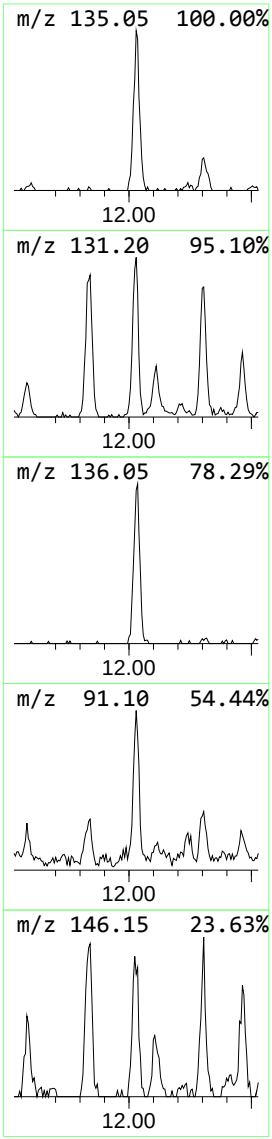
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.029	10.65 ng	185802	Naphthalene-d8	10.919

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	70
2	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	46
3	3-Furonitrile, 2-amino-4,5-dimet...	136	C7H8N2O	005117-88-4	43
4	Benzaldehyde, 4-methoxy-	136	C8H8O2	000123-11-5	43
5	4-Hydroxy-3-methylbenzaldehyde	136	C8H8O2	015174-69-3	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049128.D
Acq On : 28 Jun 2021 21:07
Operator : CG/JU
Sample : M2828-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LT-4

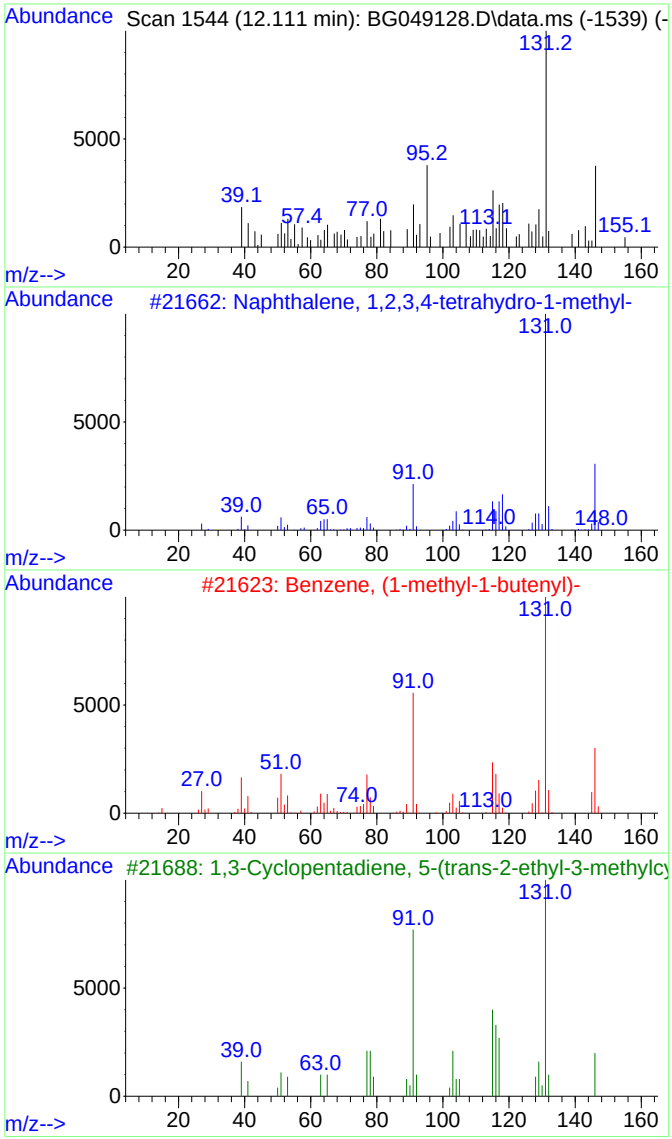
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

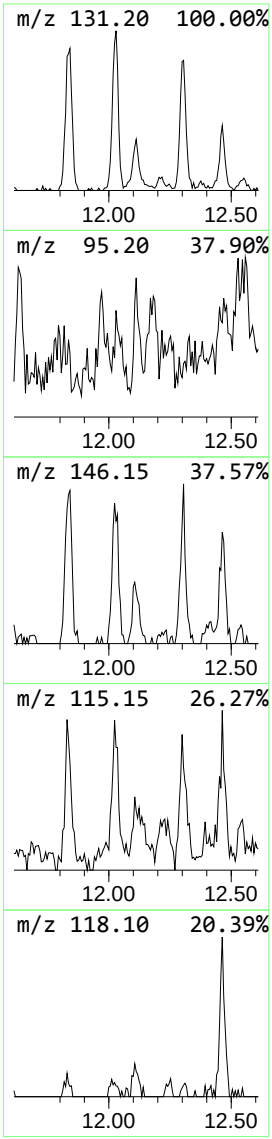
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.111	3.50 ng	61083	Naphthalene-d8	10.919

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	68
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	58
3	1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	58
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	53
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	53





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Acq On : 28 Jun 2021 21:07
Operator : CG/JU
Sample : M2828-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LT-4

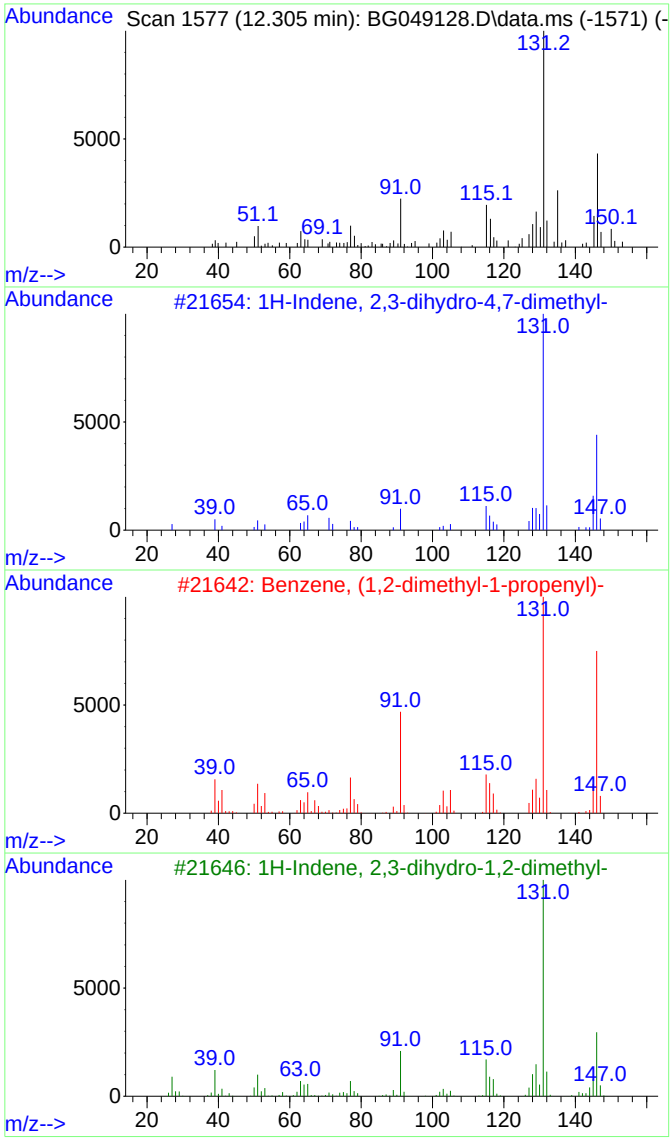
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

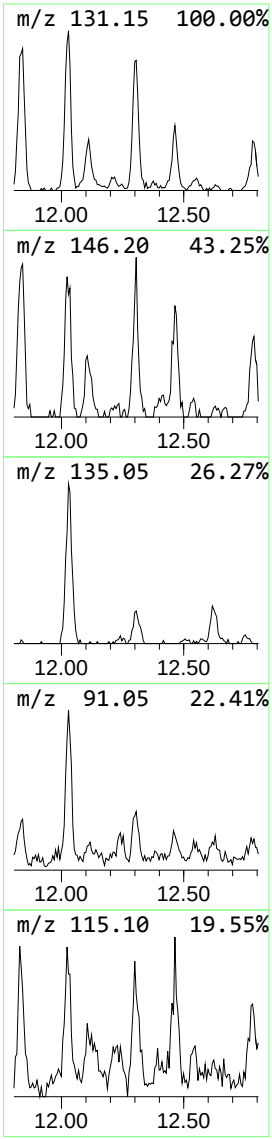
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.305	4.68 ng	81662	Naphthalene-d8	10.919

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	93
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	93
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	91
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049128.D
Acq On : 28 Jun 2021 21:07
Operator : CG/JU
Sample : M2828-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LT-4

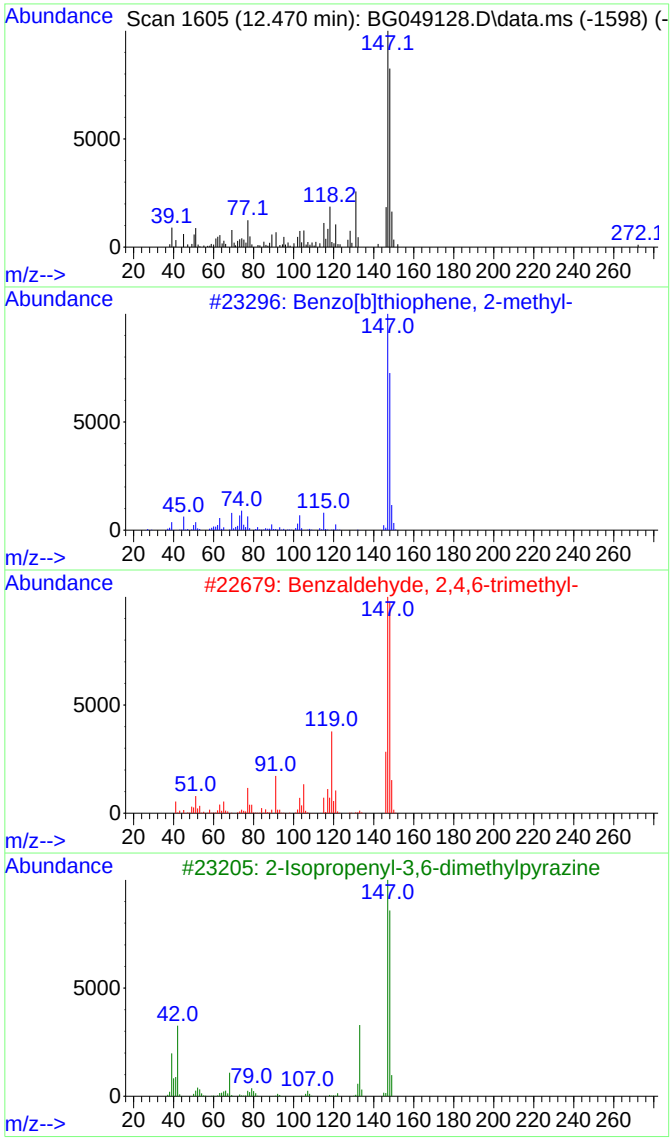
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

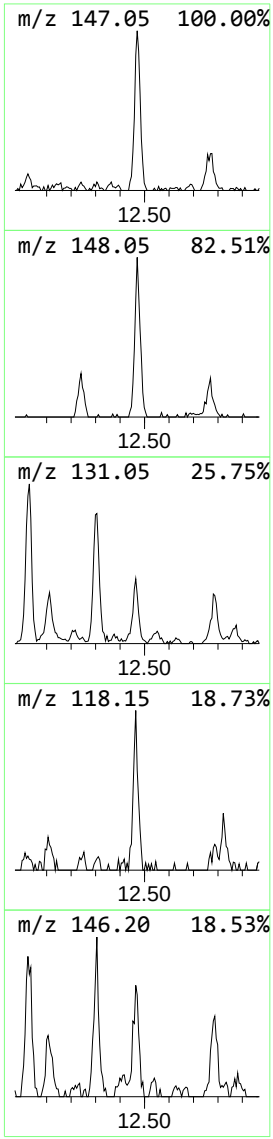
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzo[b]thiophene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.470	7.86 ng	137106	Naphthalene-d8	10.919

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	68
2	Benzaldehyde, 2,4,6-trimethyl-	148	C10H12O	000487-68-3	64
3	2-Isopropenyl-3,6-dimethylpyrazine	148	C9H12N2	1000109-60-7	64
4	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	64
5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	64





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Data File : BG049128.D
Acq On : 28 Jun 2021 21:07
Operator : CG/JU
Sample : M2828-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LT-4

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

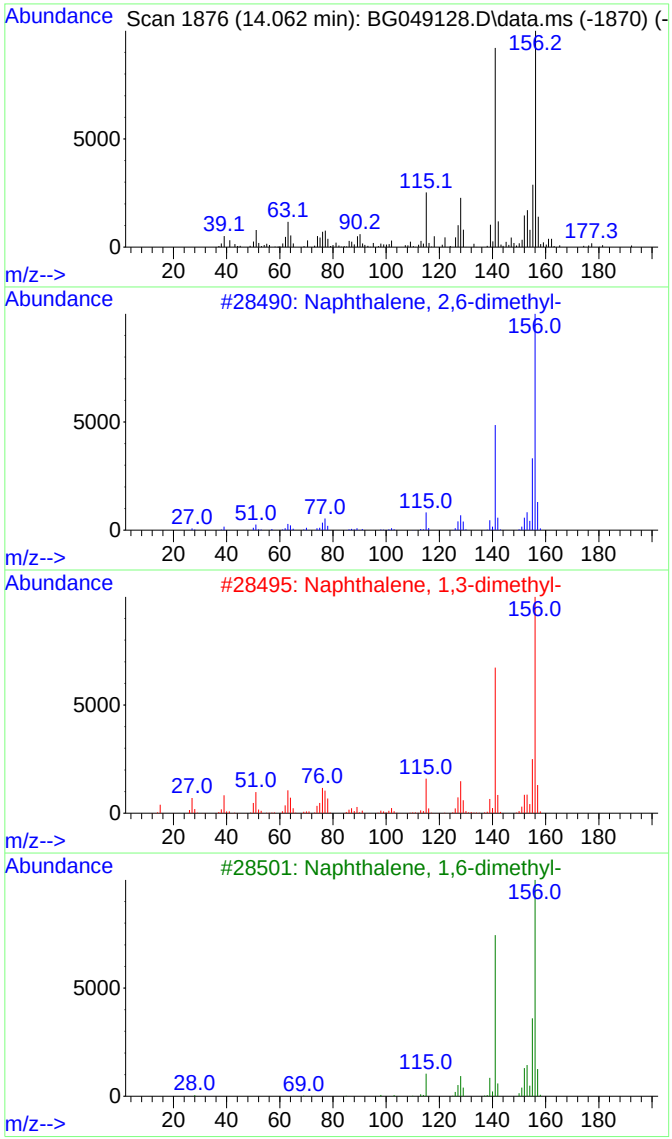
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

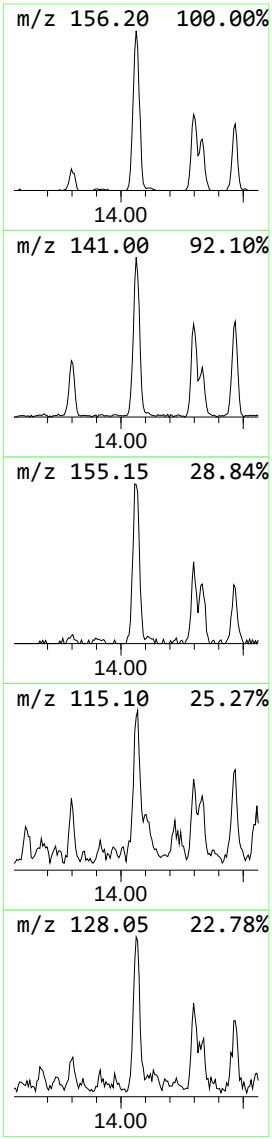
****

Peak Number 13 Naphthalene, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.062	15.20 ng	347174	Acenaphthene-d10	14.743

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049128.D
Acq On : 28 Jun 2021 21:07
Operator : CG/JU
Sample : M2828-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LT-4

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

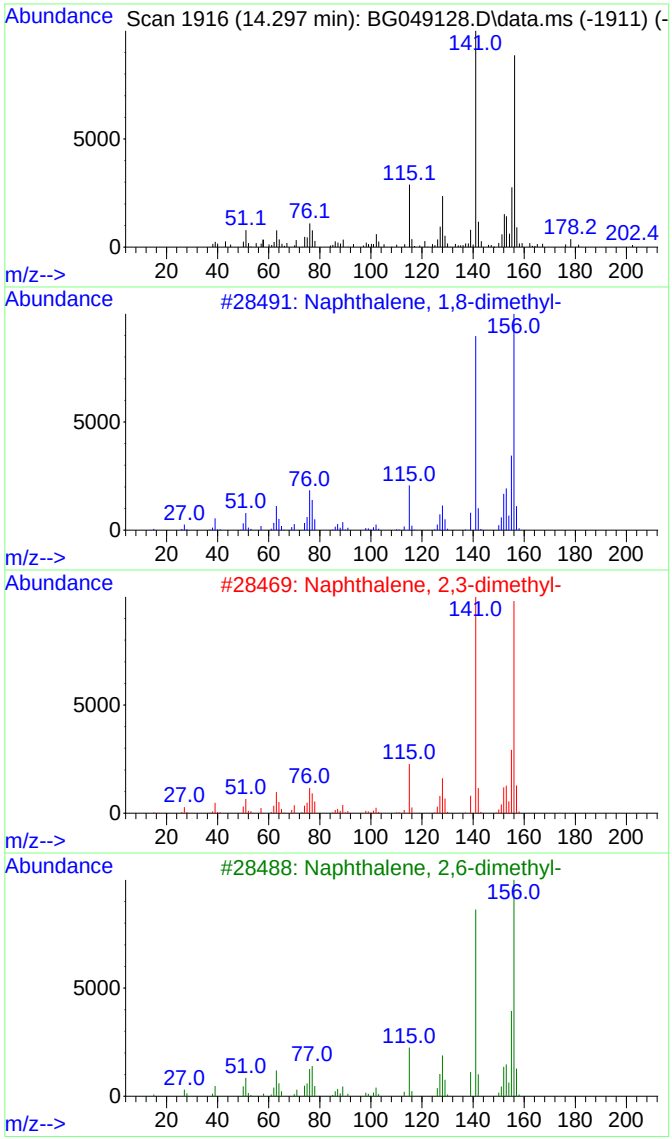
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

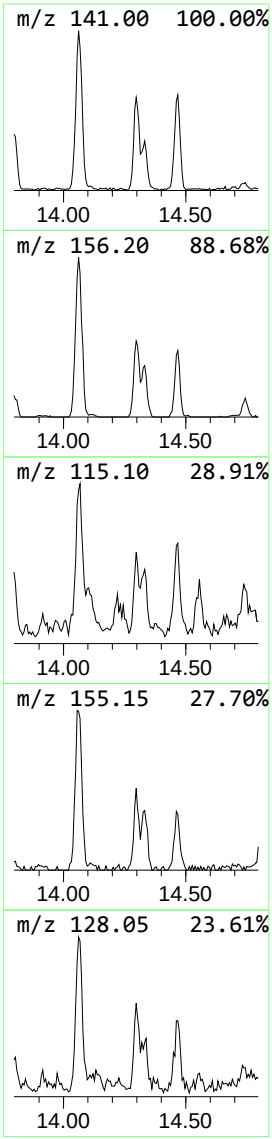
****

Peak Number 14 Naphthalene, 1,8-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.297	5.96 ng	135985	Acenaphthene-d10	14.743

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	92





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Acq On : 28 Jun 2021 21:07
Operator : CG/JU
Sample : M2828-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LT-4

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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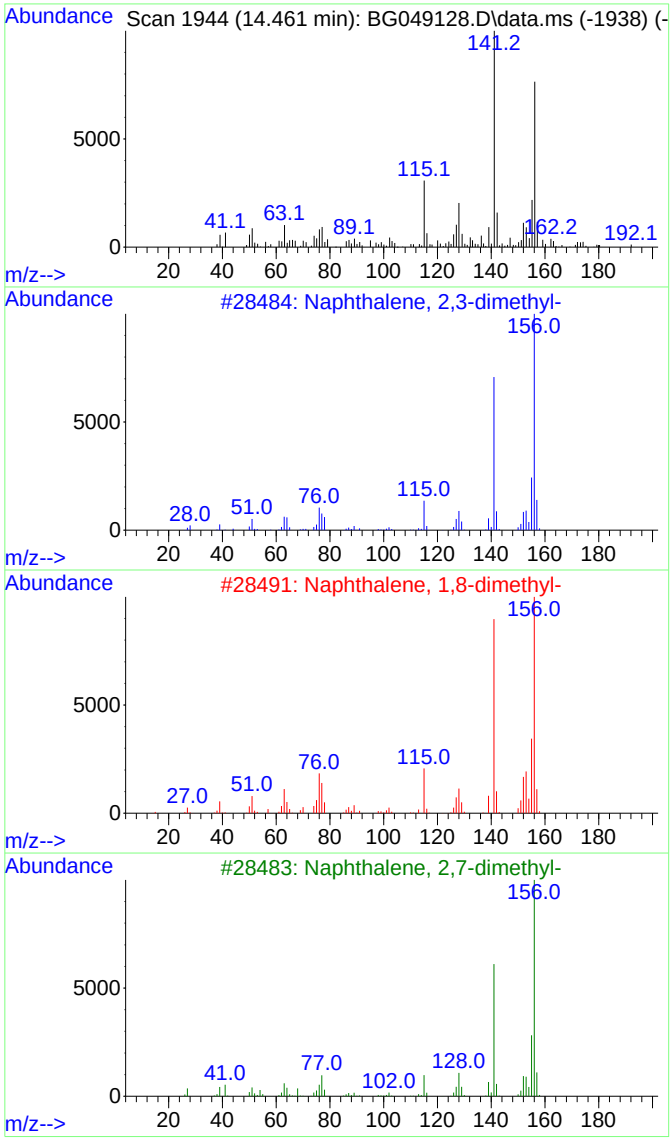
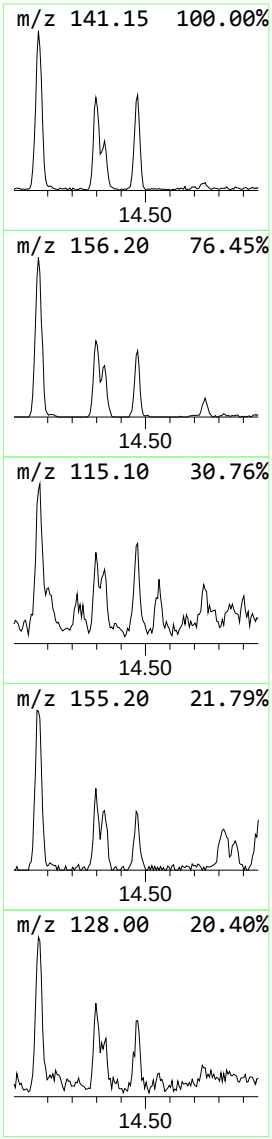
Peak Number 15 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.461	7.53 ng	171890	Acenaphthene-d10	14.743

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94





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Data File : BG049128.D
Acq On : 28 Jun 2021 21:07
Operator : CG/JU
Sample : M2828-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LT-4

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

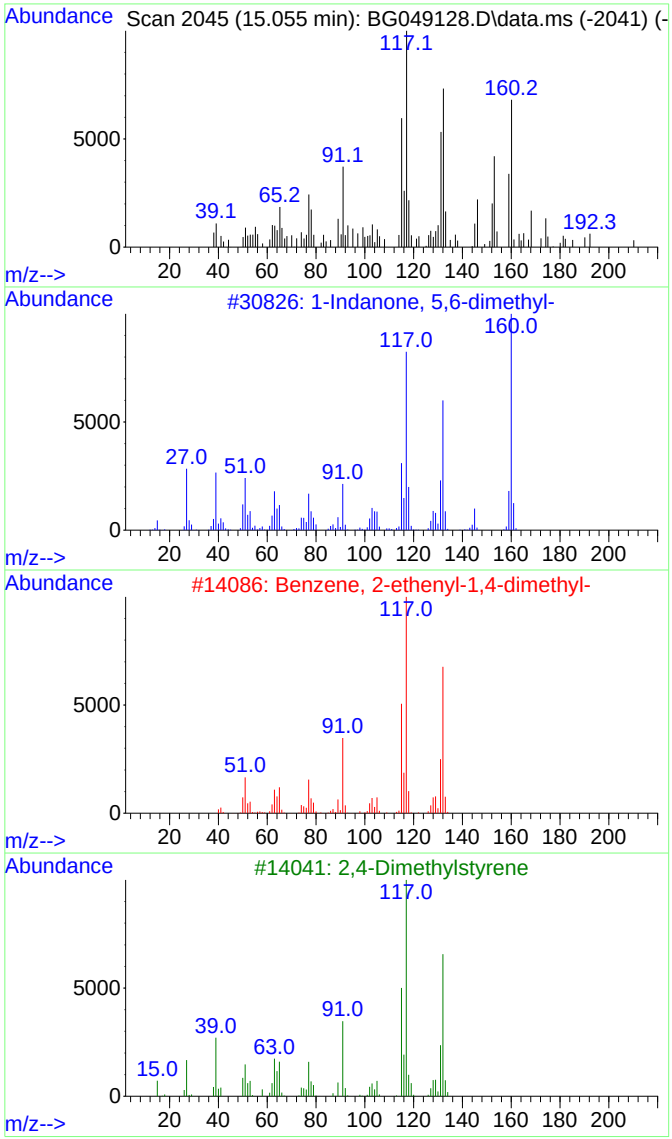
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

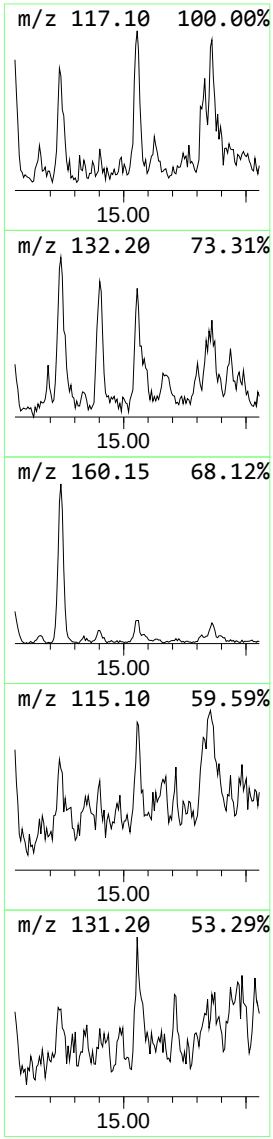
****

Peak Number 16 unknown15.055 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.055	3.52 ng	80305	Acenaphthene-d10	14.743

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Indanone, 5,6-dimethyl-	160	C11H12O	016440-97-4	49
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	46
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	46
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	46
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	46





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Acq On : 28 Jun 2021 21:07
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Sample : M2828-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LT-4

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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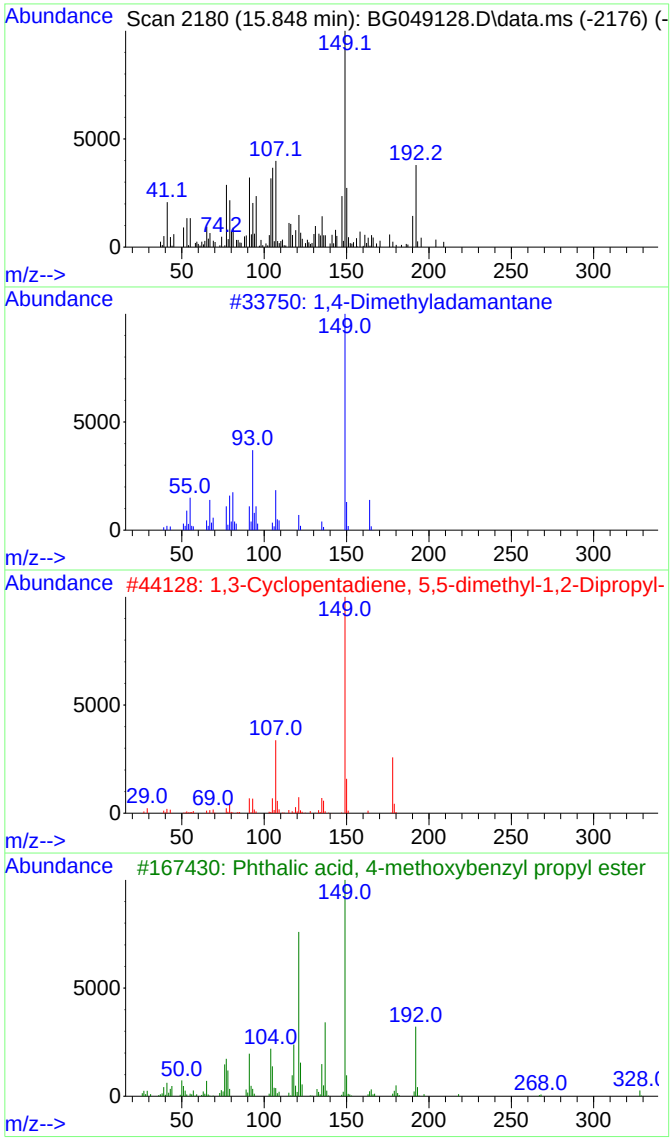
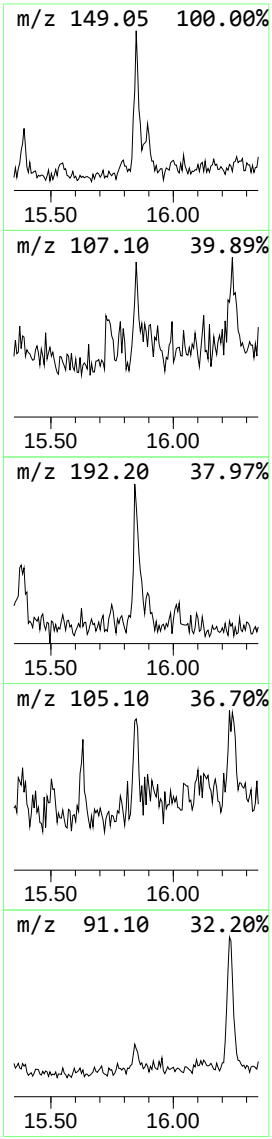
Peak Number 17 unknown15.848 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.848	4.67 ng	106613	Acenaphthene-d10	14.743

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dimethyladamantane	164	C12H20	024145-89-9	47
2	1,3-Cyclopentadiene, 5,5-dimethy...	178	C13H22	1000163-88-0	43
3	Phthalic acid, 4-methoxybenzyl p...	328	C19H20O5	1000309-04-1	38
4	2,4,7,14-Tetramethyl-4-vinyl-tri...	290	C20H34O	1000193-31-2	37
5	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049128.D
Acq On : 28 Jun 2021 21:07
Operator : CG/JU
Sample : M2828-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LT-4

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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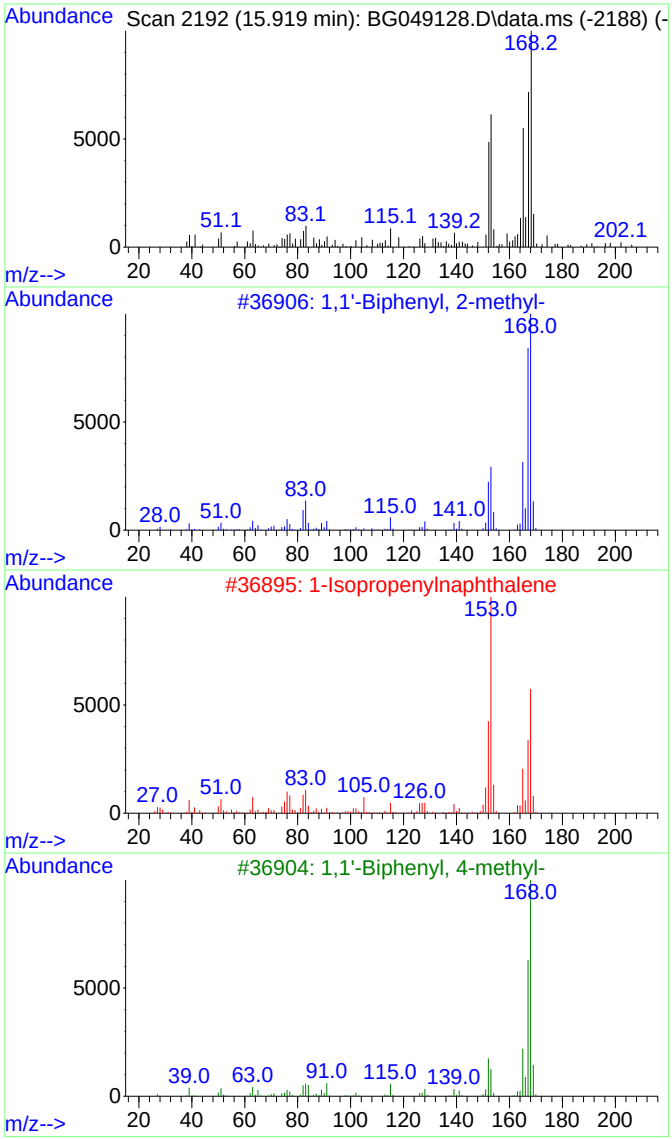
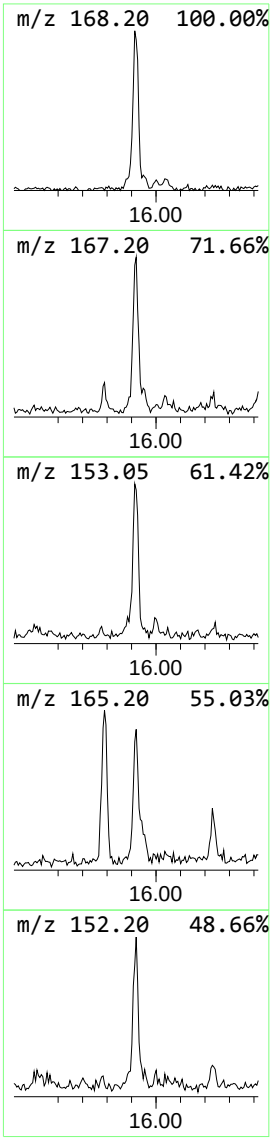
Peak Number 18 1,1'-Biphenyl, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.919	8.48 ng	193610	Acenaphthene-d10	14.743

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	72
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	49
5	Diphenylmethane	168	C13H12	000101-81-5	47





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Data File : BG049128.D
Acq On : 28 Jun 2021 21:07
Operator : CG/JU
Sample : M2828-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LT-4

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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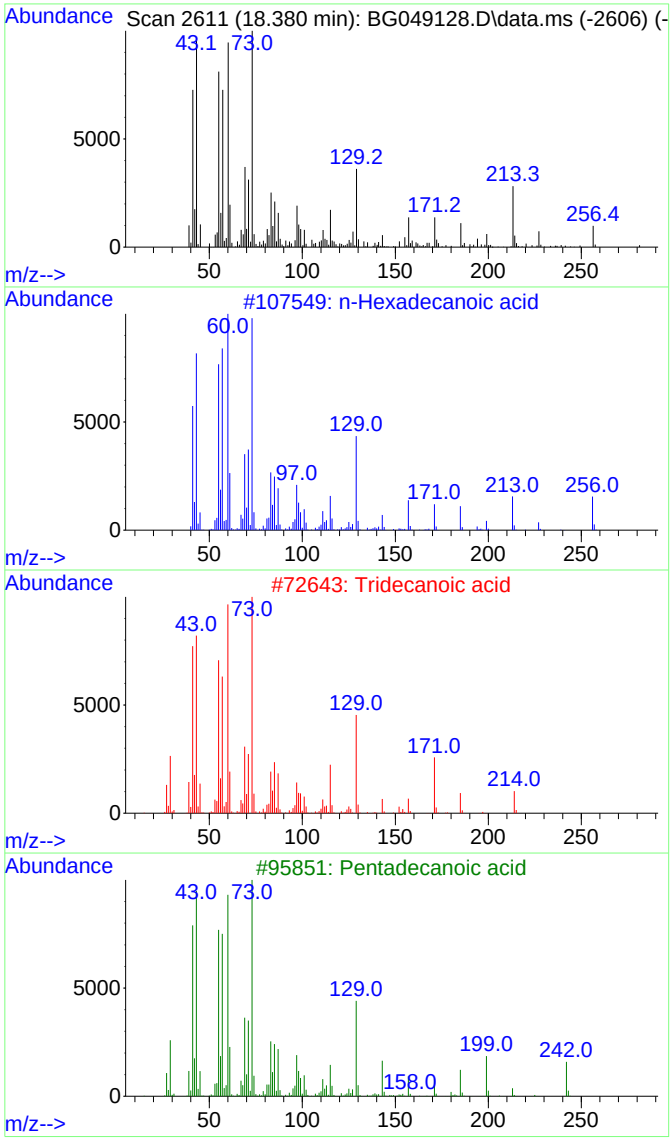
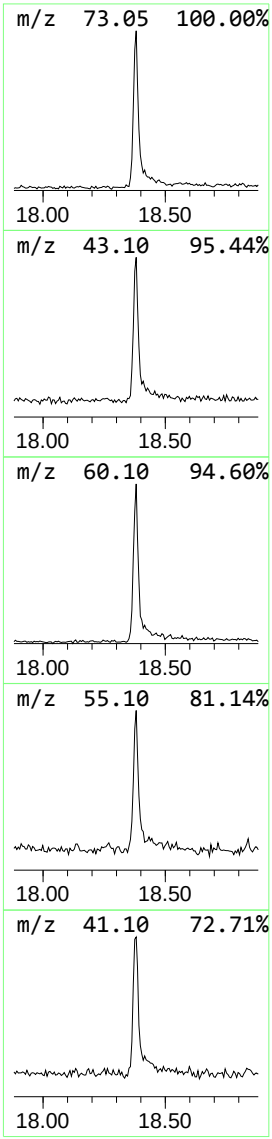
Peak Number 19 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.380	17.63 ng	468664	Phenanthrene-d10	17.493

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	97
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049128.D
Acq On : 28 Jun 2021 21:07
Operator : CG/JU
Sample : M2828-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LT-4

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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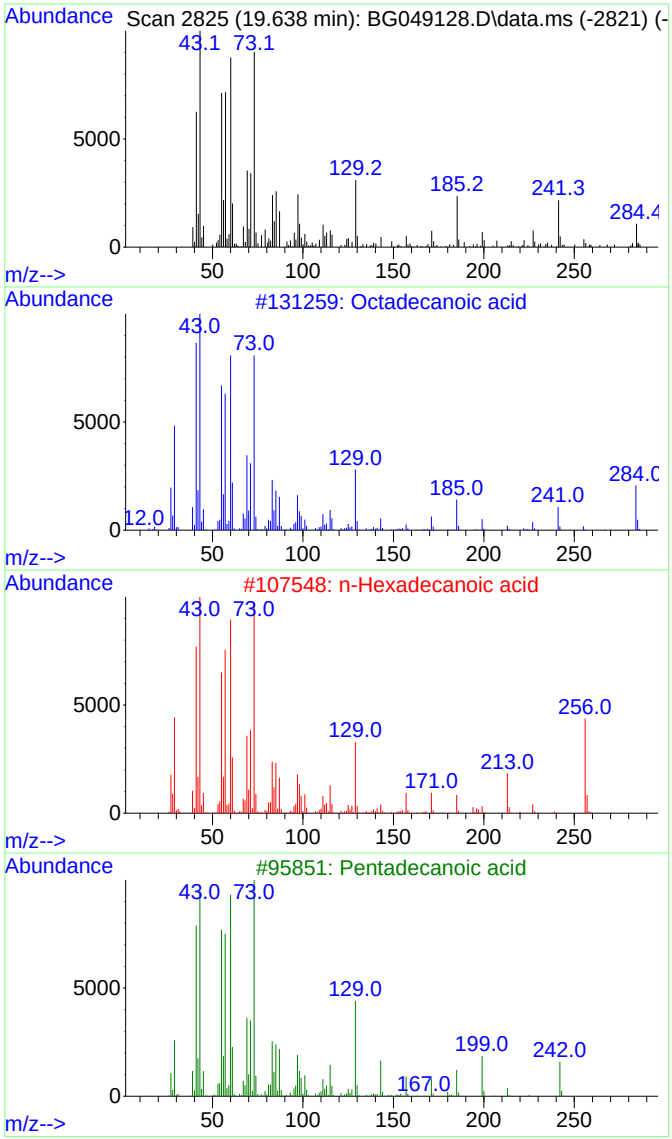
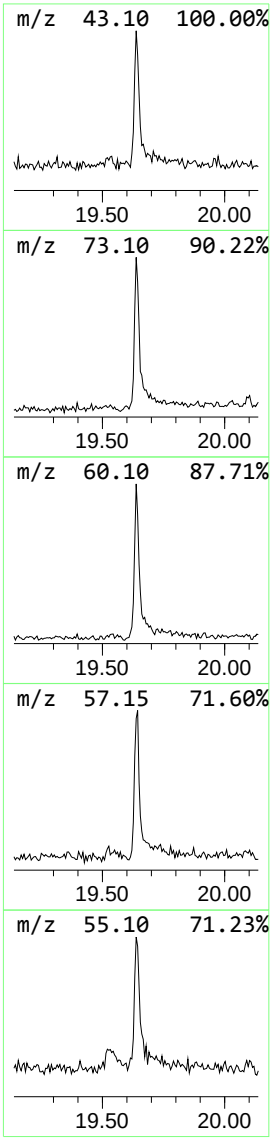
Peak Number 20 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.638	9.30 ng	272531	Chrysene-d12	21.776

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4	Dodecanoic acid	200	C12H24O2	000143-07-7	70
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049128.D
Acq On : 28 Jun 2021 21:07
Operator : CG/JU
Sample : M2828-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LT-4

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	3.151	24.7	ng	235603	1	8.104	191042	20.0
Butane, 2-metho...	3.228	6.3	ng	60129	1	8.104	191042	20.0
Indane	8.480	8.0	ng	76608	1	8.104	191042	20.0
Benzene, 1-meth...	9.215	6.4	ng	61053	1	8.104	191042	20.0
Benzene, 1,2,4,...	9.738	5.6	ng	97675	2	10.919	348837	20.0
3-Phenylbut-1-ene	10.313	10.4	ng	181586	2	10.919	348837	20.0
Benzene, 1-meth...	11.030	4.5	ng	78904	2	10.919	348837	20.0
Benzene, (1,2-d...	11.835	5.5	ng	95205	2	10.919	348837	20.0
Benzo[b]thiophe...	12.029	10.7	ng	185802	2	10.919	348837	20.0
Naphthalene, 1,...	12.111	3.5	ng	61083	2	10.919	348837	20.0
1H-Indene, 2,3-...	12.305	4.7	ng	81662	2	10.919	348837	20.0
Benzo[b]thiophe...	12.470	7.9	ng	137106	2	10.919	348837	20.0
Naphthalene, 2,...	14.062	15.2	ng	347174	3	14.743	456677	20.0
Naphthalene, 1,...	14.297	6.0	ng	135985	3	14.743	456677	20.0
Naphthalene, 2,...	14.461	7.5	ng	171890	3	14.743	456677	20.0
unknown15.055	15.055	3.5	ng	80305	3	14.743	456677	20.0
unknown15.848	15.848	4.7	ng	106613	3	14.743	456677	20.0
1,1'-Biphenyl, ...	15.919	8.5	ng	193610	3	14.743	456677	20.0
n-Hexadecanoic ...	18.380	17.6	ng	468664	4	17.493	531716	20.0
Octadecanoic acid	19.638	9.3	ng	272531	5	21.776	586261	20.0