LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049126.D
Acq On : 28 Jun 2021 19:45
Operator : CG/JU
Sample : M2828-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PW-2R

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: BG049126.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.147	12	18	28	rBV2	101181	223537	8.16%	1.333%
2	3.229	28	32	41	rVB	41702	67188	2.45%	0.401%
3	5.186	355	365	373	rBV2	20280	38518	1.41%	0.230%
4	5.656	438	445	455	rBV	256901	428719	15.65%	2.556%
5	7.254	709	717	728	rBV	163497	294320	10.74%	1.755%
6	8.100	855	861	868	rBV	105928	181969	6.64%	1.085%
7	8.476	920	925	931	rBV	47475	86038	3.14%	0.513%
8	9.216	1045	1051	1054	rBV2	21683	39067	1.43%	0.233%
9	9.269	1054	1060	1075	rVB	378130	740396	27.03%	4.414%
10	9.739	1133	1140	1145	rVB	23743	41922	1.53%	0.250%
11	10.168	1208	1213	1221	rBV7	21503	53444	1.95%	0.319%
12	10.309	1232	1237	1247	rVB2	44807	87283	3.19%	0.520%
13	10.638	1284	1293	1297	rBV5	24008	63635	2.32%	0.379%
14	10.691	1297	1302	1307	rVV3	21295	41818	1.53%	0.249%
15	10.755	1307	1313	1319	rVB7	14839	27912	1.02%	0.166%
16	10.920	1330	1341	1347	rBV	141423	293778	10.72%	1.751%
17	11.038	1356	1361	1368	rVB3	24244	50699	1.85%	0.302%
18	11.502	1432	1440	1445	rBV3	14323	42590	1.55%	0.254%
19	11.643	1459	1464	1470	rVB	27942	47818	1.75%	0.285%
20	11.772	1480	1486	1492	rVV4	24438	47532	1.74%	0.283%
21	11.837	1492	1497	1502	rVB3	28315	50637	1.85%	0.302%
22	12.025	1525	1529	1538	rVB4	35803	69050	2.52%	0.412%
23	12.113	1538	1544	1552	rBV10	23122	60381	2.20%	0.360%
24	12.242	1559	1566	1571	rVB5	17973	36998	1.35%	0.221%
25	12.301	1571	1576	1581	rBV4	26797	54007	1.97%	0.322%
26	12.465	1598	1604	1611	rBV8	26430	57236	2.09%	0.341%
27	12.536	1612	1616	1624	rVV10	18209	38987	1.42%	0.232%
28	12.689	1638	1642	1650	rVB4	39321	71038	2.59%	0.423%
29	12.783	1652	1658	1662	rBV8	24623	47238	1.72%	0.282%
30	12.871	1668	1673	1681	rVB7	40901	97477	3.56%	0.581%
31	13.088	1706	1710	1714	rVB5	19988	35063	1.28%	0.209%
32	13.258	1732	1739	1748	rVB5	15800	42313	1.54%	0.252%
33	13.364	1748	1757	1764	rBV	970838	1561663	57.00%	9.310%
34	13.676	1805	1810	1818	rBV8	22519	63714	2.33%	0.380%
35	13.799	1827	1831	1835	rVB3	28623	41434	1.51%	0.247%
36	13.905	1845	1849	1856	rBV7	28701	63055	2.30%	0.376%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049126.D
Acq On : 28 Jun 2021 19:45
Operator : CG/JU
Sample : M2828-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PW-2R

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	13.975	1856	1861	1865	rVV6	26990	41747	1.52%	0.249%
38	14.063	1870	1876	1884	rBV	113832	225146	8.22%	1.342%
39	14.298	1912	1916	1919	rBV3	50255	77441	2.83%	0.462%
40	14.328	1919	1921	1930	rVB7	32960	53719	1.96%	0.320%
41	14.463	1939	1944	1951	rVB	50854	95362	3.48%	0.568%
42	14.545	1953	1958	1963	rBV8	13809	33520	1.22%	0.200%
43	14.739	1984	1991	1997	rBV	240142	403027	14.71%	2.403%
44	14.804	1997	2002	2009	rVB	272496	451139	16.47%	2.689%
45	15.050	2041	2044	2050	rVB5	28761	47672	1.74%	0.284%
46	15.139	2054	2059	2065	rVB2	110913	194624	7.10%	1.160%
47	15.215	2068	2072	2076	rBV4	42350	64028	2.34%	0.382%
48	15.321	2086	2090	2093	rBV2	49208	79752	2.91%	0.475%
49	15.791	2164	2170	2175	rBV	321109	509590	18.60%	3.038%
50	15.838	2175	2178	2183	rVV4	28619	38547	1.41%	0.230%
51	15.914	2188	2191	2195	rBV2	44224	63613	2.32%	0.379%
52	16.085	2216	2220	2231	rVB4	75005	158120	5.77%	0.943%
53	16.231	2238	2245	2253	rVB	1076230	1706632	62.30%	10.174%
54	16.466	2281	2285	2293	rVB10	26445	46396	1.69%	0.277%
55	17.307	2424	2428	2434	rVB	62502	98686	3.60%	0.588%
56	17.495	2454	2460	2463	rBV	307308	498594	18.20%	2.972%
57	17.536	2463	2467	2473	rVB	630663	909788	33.21%	5.423%
58	17.624	2478	2482	2488	rVB	69142	91652	3.35%	0.546%
59	18.370	2604	2609	2614	rBV2	247862	397691	14.52%	2.371%
60	18.564	2637	2642	2646	rBV3	85917	150493	5.49%	0.897%
61	19.539	2803	2808	2814	rVB	269429	381223	13.92%	2.273%
62	19.639	2821	2825	2836	rBV2	122444	193981	7.08%	1.156%
63	19.904	2861	2870	2877	rVB	161159	289542	10.57%	1.726%
64	20.097	2897	2903	2910	rVB	2087493	2739553	100.00%	16.331%
65	20.979	3050	3053	3058	rVB3	28343	40228	1.47%	0.240%
66	21.402	3121	3125	3136	rVB7	66286	132821	4.85%	0.792%
67	21.490	3136	3140	3145	rBV4	13911	27760	1.01%	0.165%
68	21.778	3182	3189	3204	rVB2	332939	637214	23.26%	3.799%
69	25.086	3743	3752	3766	rVB2	195098	607154	22.16%	3.619%

Sum of corrected areas: 16774929

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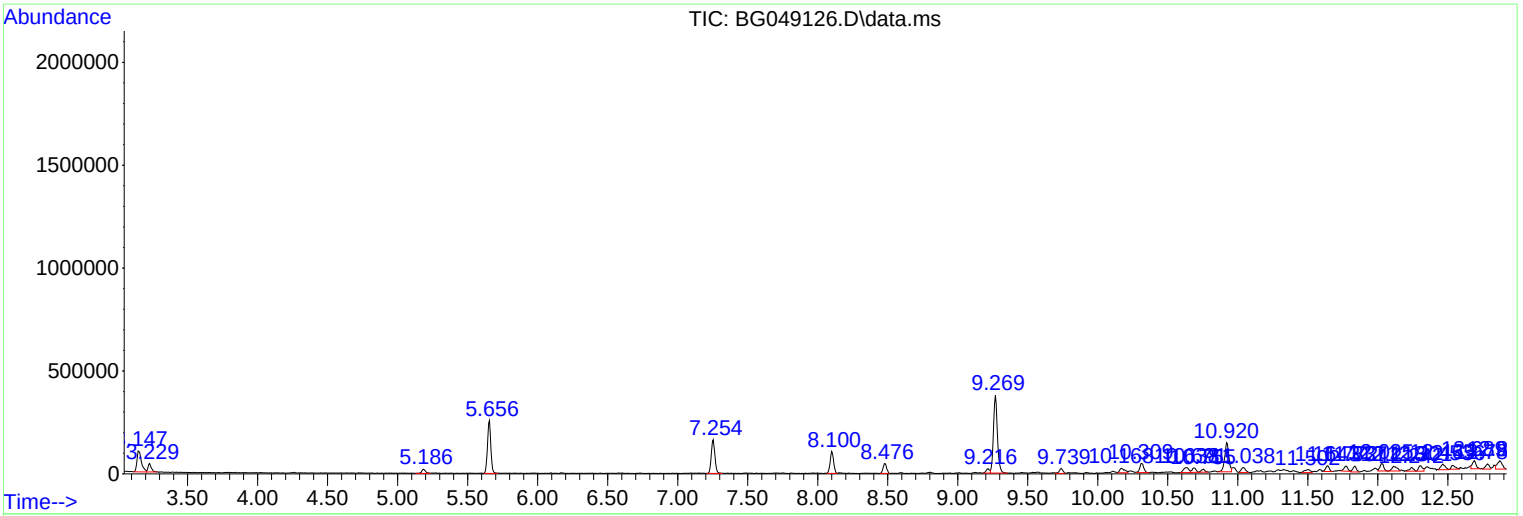
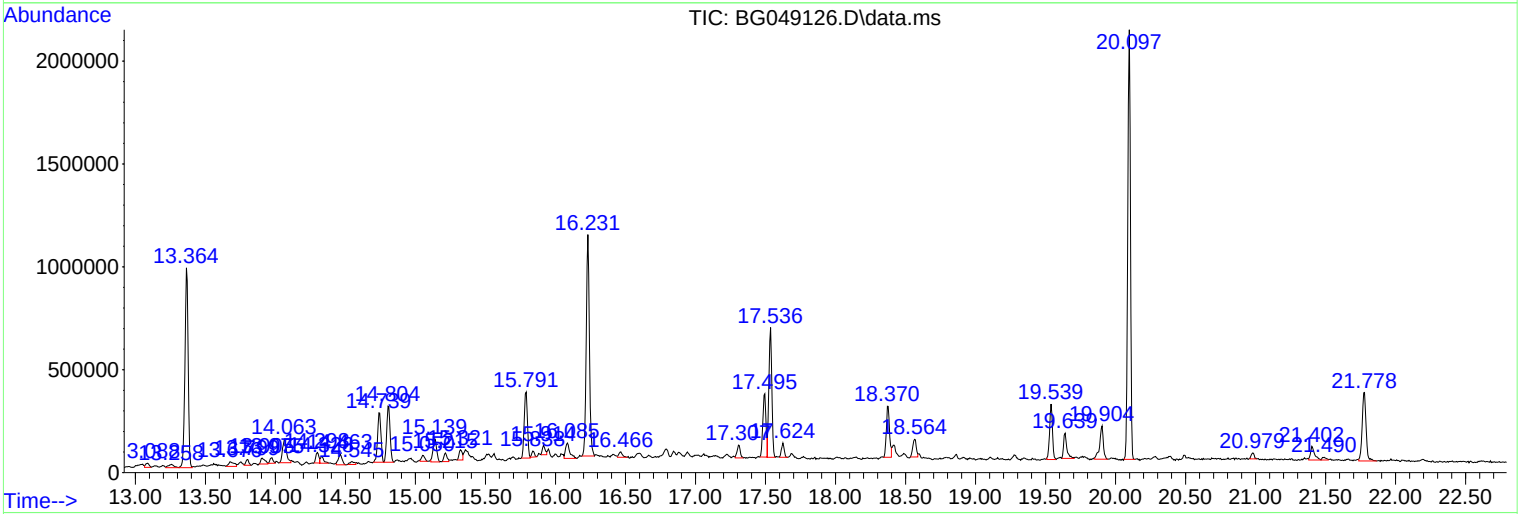
Misc :
ALS Vial : 11 Sample Multiplier: 1

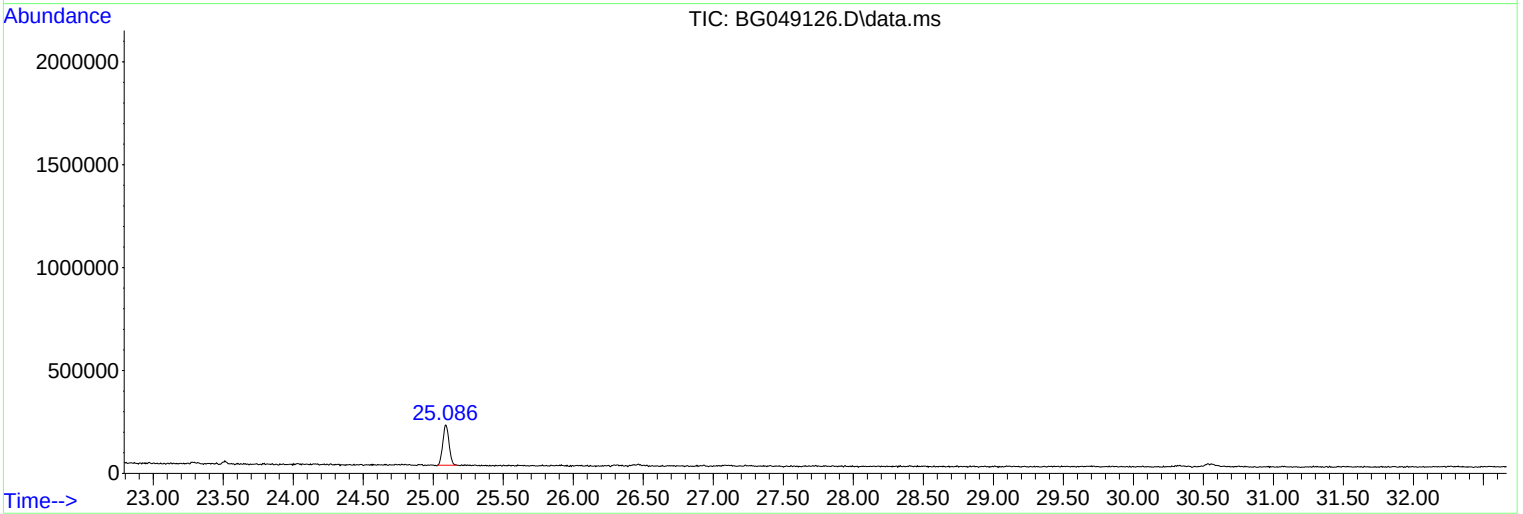
Instrument :
BNA_G
ClientSampleId :
PW-2R

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 : BG049126.D
Acq On : 28 Jun 2021 19:45
Operator : CG/JU
Sample : M2828-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PW-2R

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

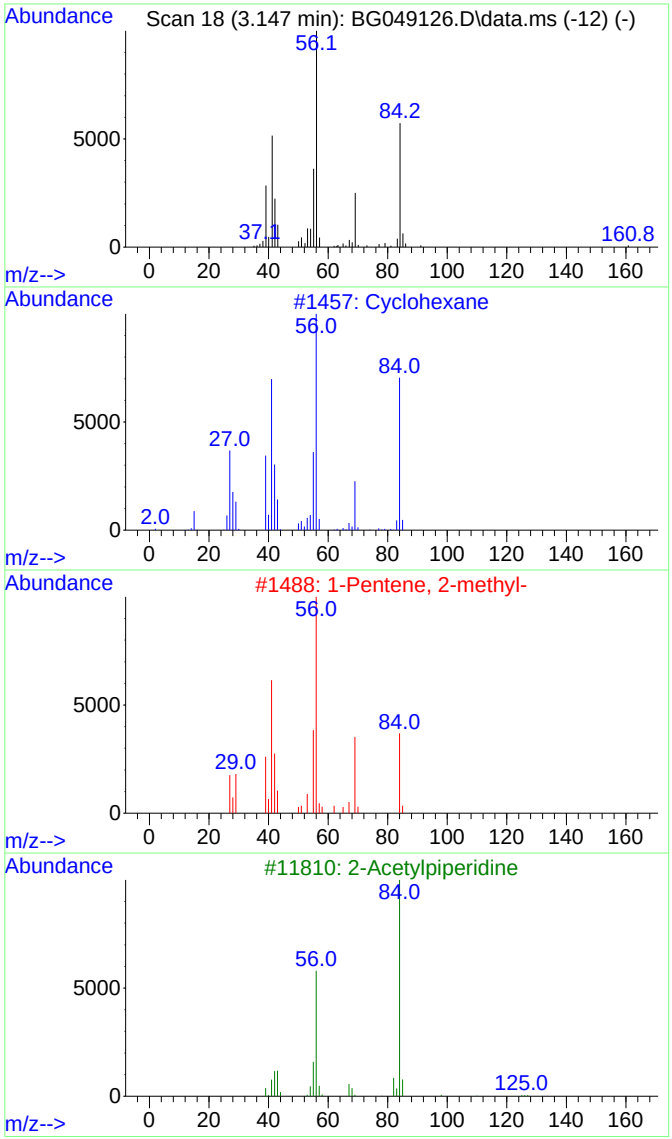
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

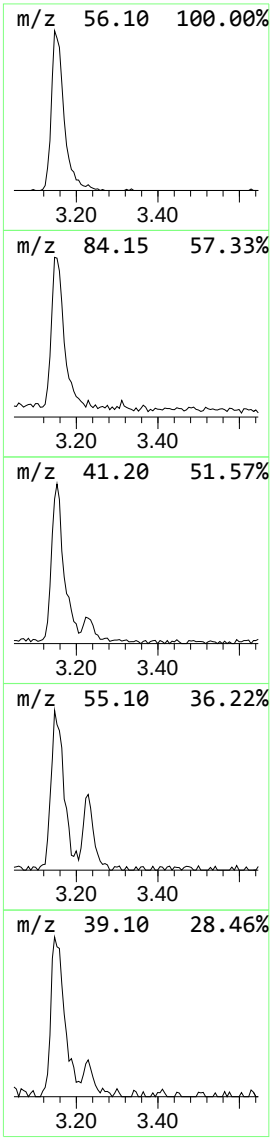
****

Peak Number 1 Cyclohexane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.147	24.57 ng	223537	1,4-Dichlorobenzene-d4	8.100

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	78
3	2-Acetylpiperidine	127	C7H13NO	097073-22-8	50
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	47
5	Cyclobutanone, 2-methyl-	84	C5H8O	001517-15-3	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
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Acq On : 28 Jun 2021 19:45
Operator : CG/JU
Sample : M2828-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PW-2R

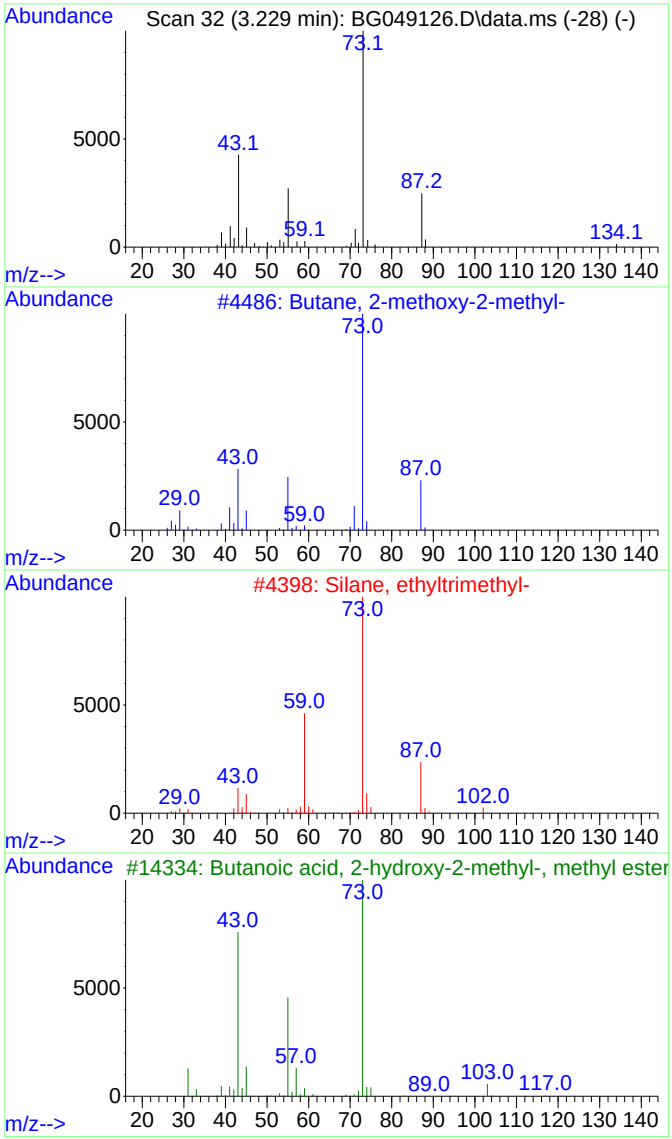
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

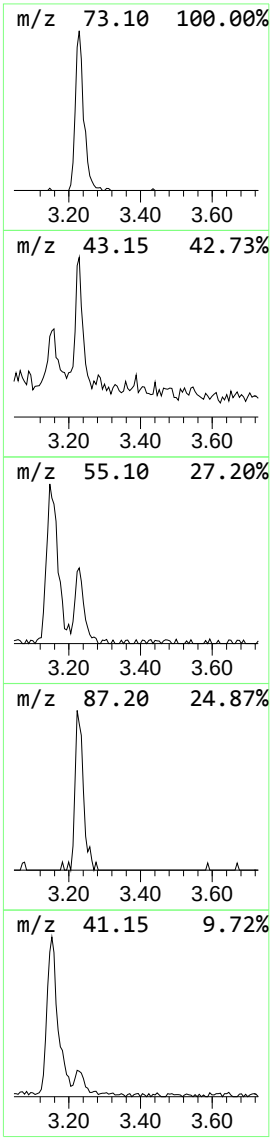
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.229	7.38 ng	67188	1,4-Dichlorobenzene-d4	8.100

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	39
3	Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	25
4	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049126.D
Acq On : 28 Jun 2021 19:45
Operator : CG/JU
Sample : M2828-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PW-2R

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

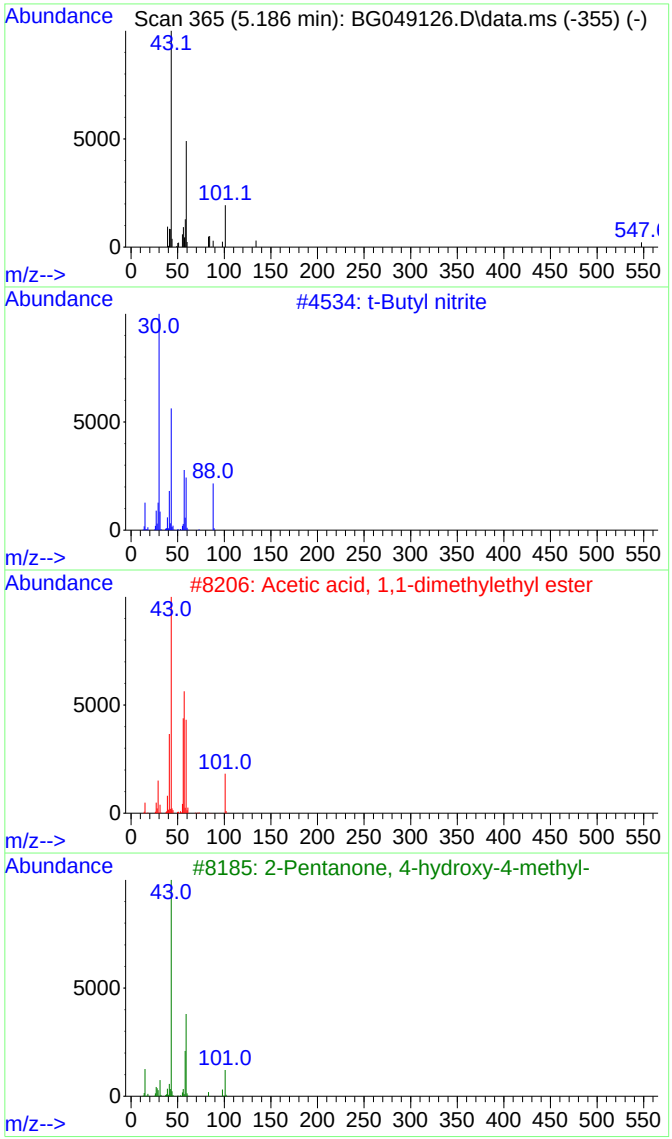
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

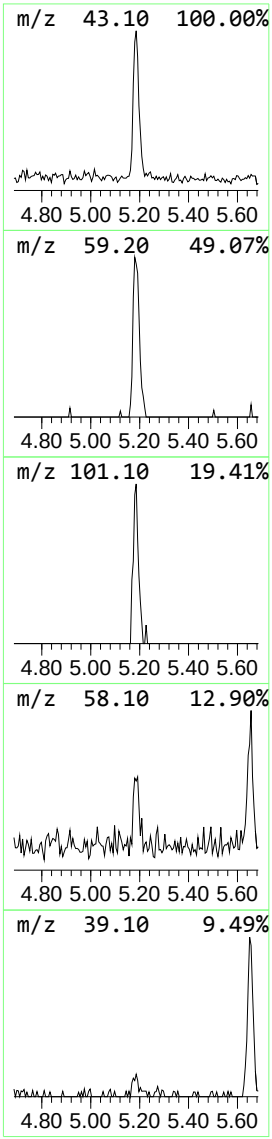
****

Peak Number 3 unknown5.186 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.186	4.23 ng	38518	1,4-Dichlorobenzene-d4	8.100

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	t-Butyl nitrite	103	C4H9NO2	000540-80-7	42
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	36
4	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
5	Butane	58	C4H10	000106-97-8	9





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Acq On : 28 Jun 2021 19:45
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PW-2R

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

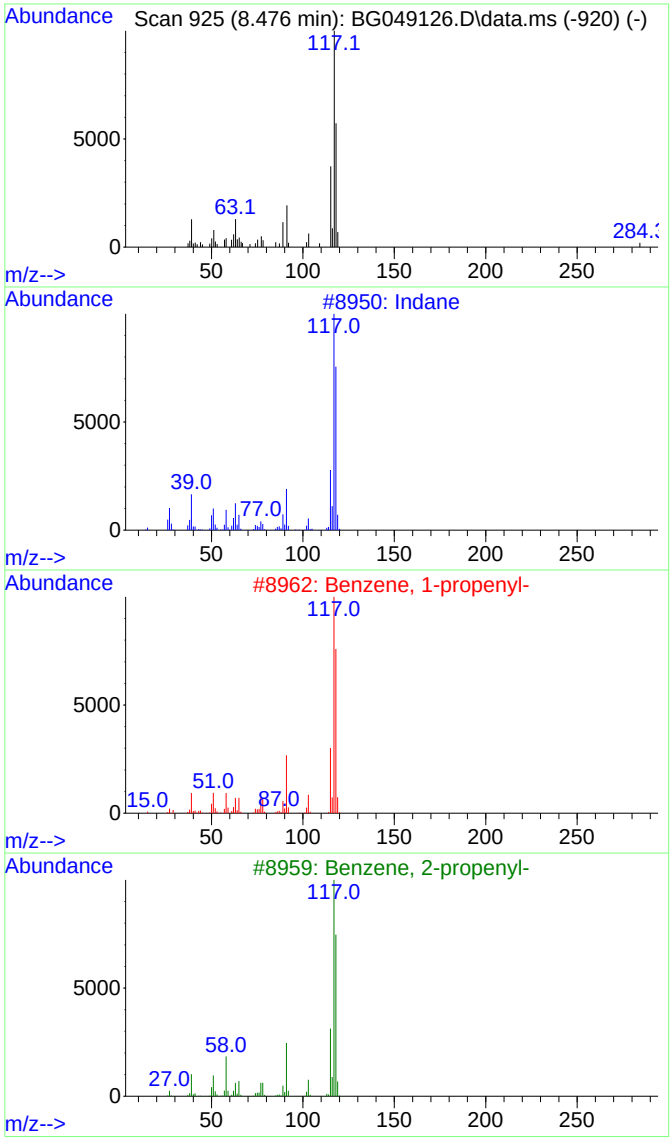
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

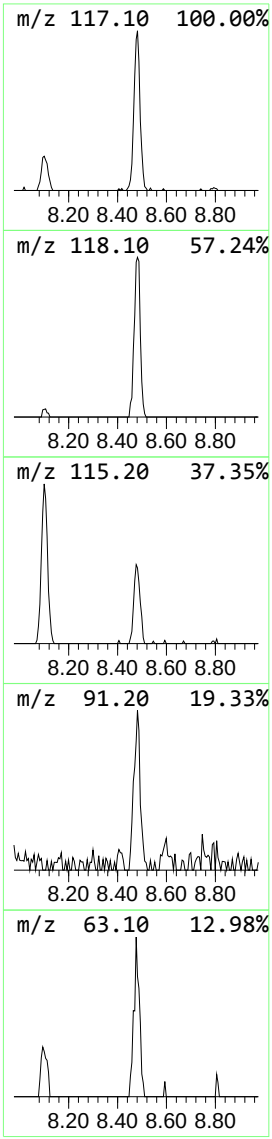
****

Peak Number 4 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.476	9.46 ng	86038	1,4-Dichlorobenzene-d4	8.100

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	76
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
5	Deltacyclene	118	C9H10	007785-10-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049126.D
Acq On : 28 Jun 2021 19:45
Operator : CG/JU
Sample : M2828-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PW-2R

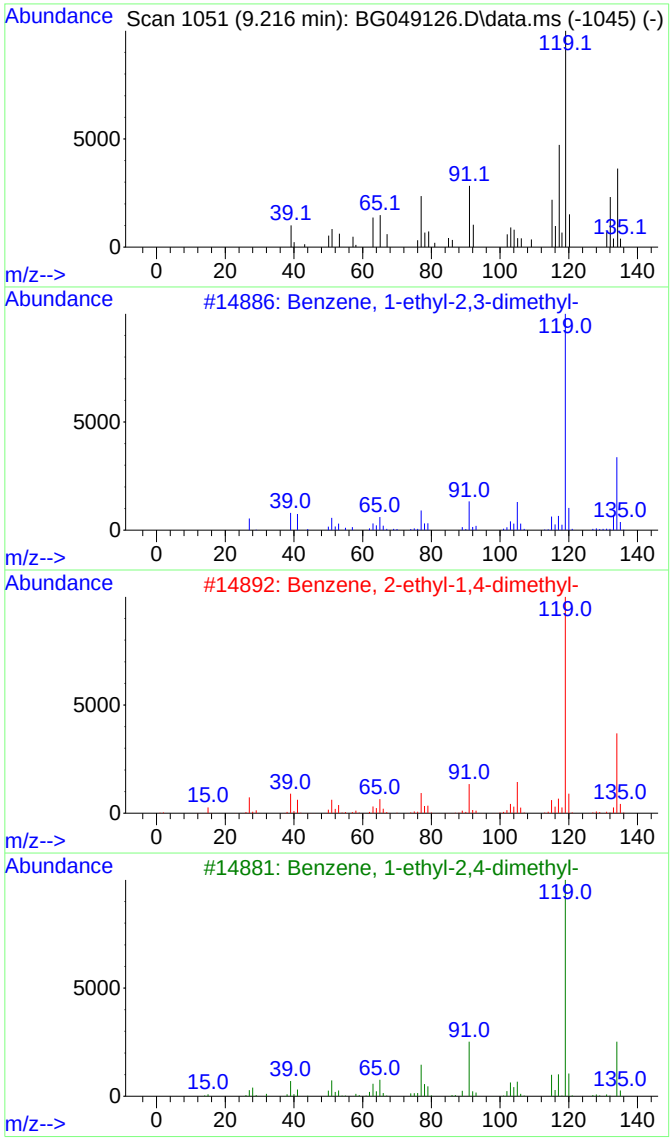
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

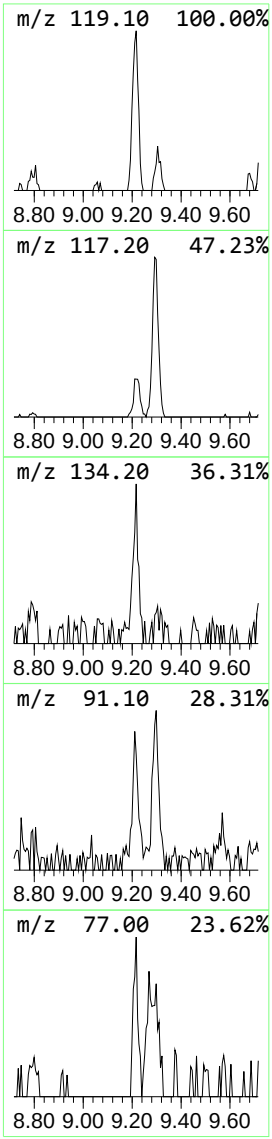
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.216	4.29 ng	39067	1,4-Dichlorobenzene-d4	8.100

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	53
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	53
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	52
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	49
5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049126.D
Acq On : 28 Jun 2021 19:45
Operator : CG/JU
Sample : M2828-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PW-2R

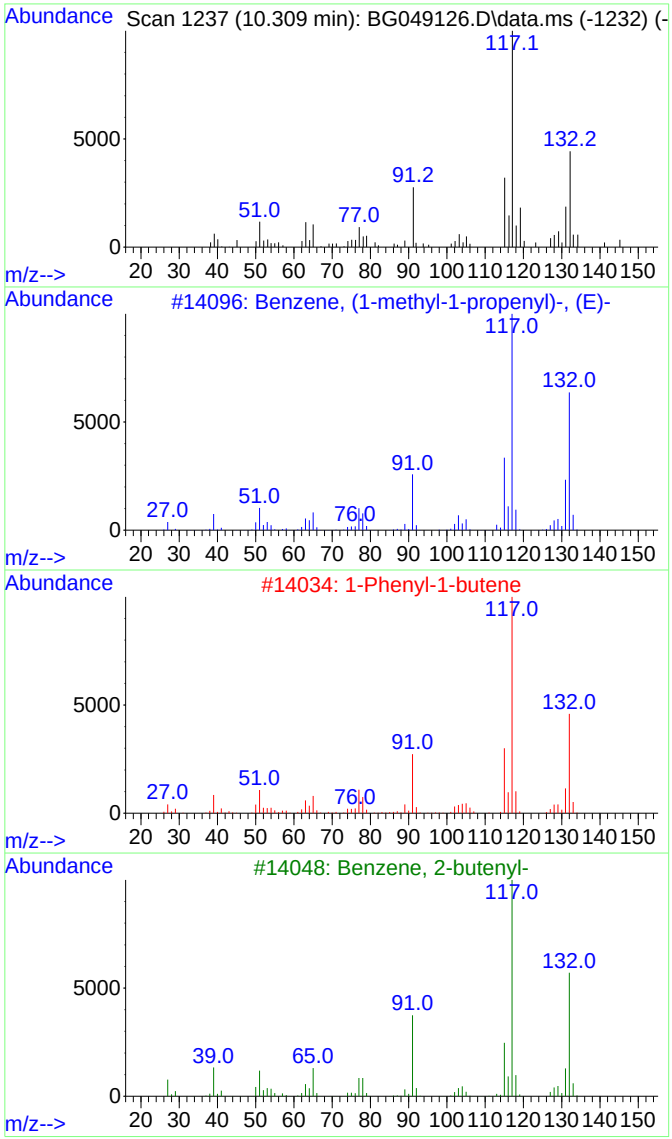
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

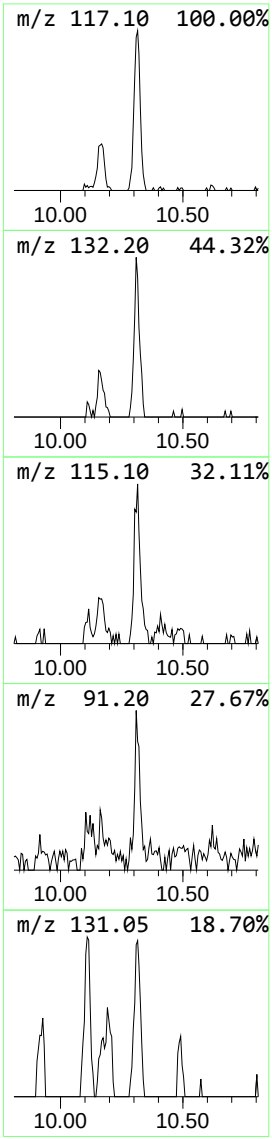
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, (1-methyl-1-propen... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.309	5.94 ng	87283	Naphthalene-d8	10.920

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	95
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	93
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	90
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	90
5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049126.D
Acq On : 28 Jun 2021 19:45
Operator : CG/JU
Sample : M2828-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PW-2R

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

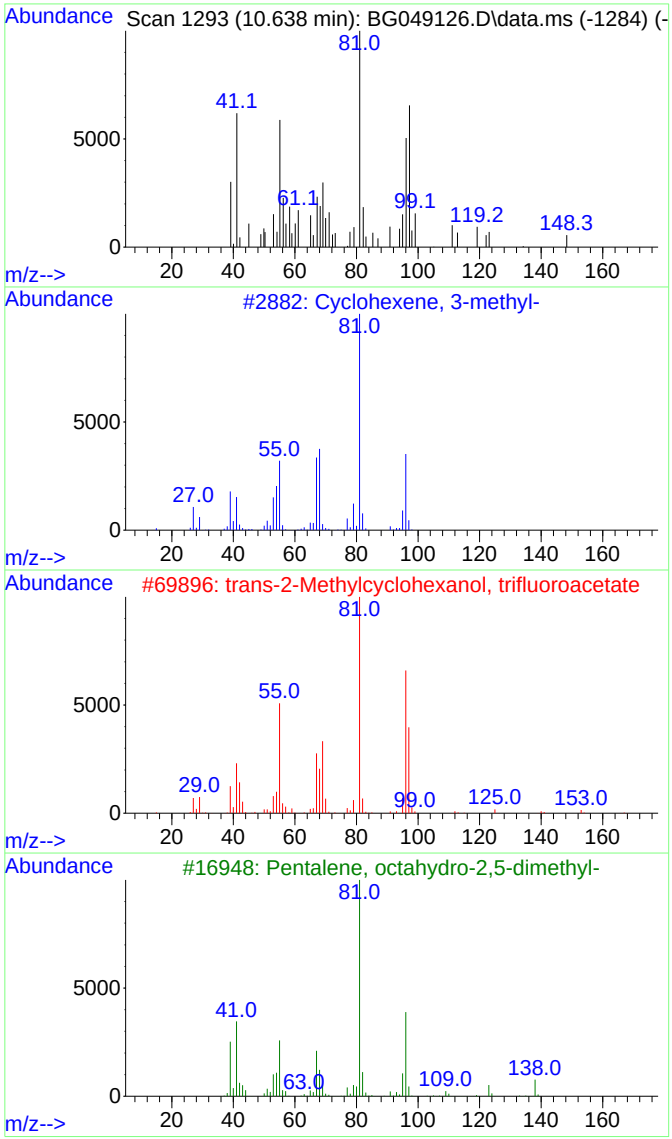
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

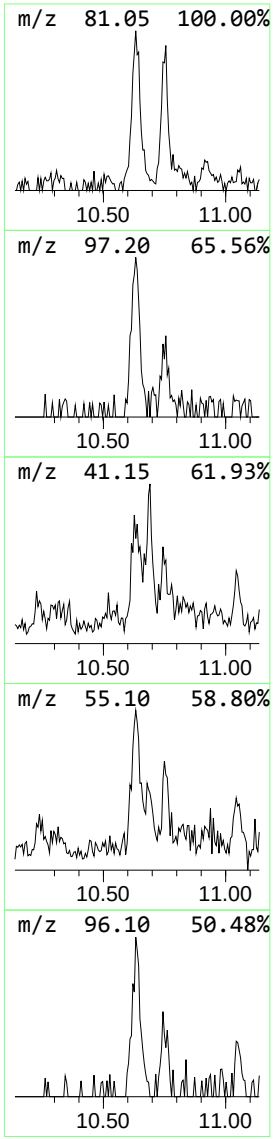
****

Peak Number 7 Cyclohexene, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.638	4.33 ng	63635	Naphthalene-d8	10.920

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	50
2	trans-2-Methylcyclohexanol, trif...	210	C9H13F3O2	1000364-13-3	50
3	Pentalene, octahydro-2,5-dimethyl-	138	C10H18	028588-55-8	50
4	2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	47
5	1,3-Pentadiene, 2,4-dimethyl-	96	C7H12	001000-86-8	47





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Data File : BG049126.D
Acq On : 28 Jun 2021 19:45
Operator : CG/JU
Sample : M2828-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PW-2R

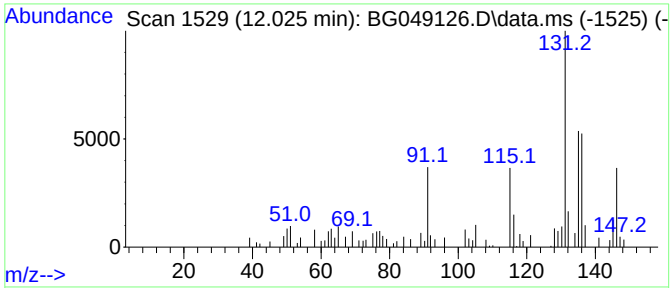
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

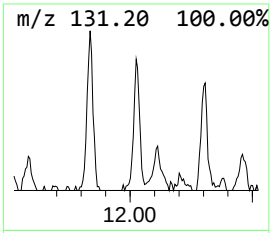
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

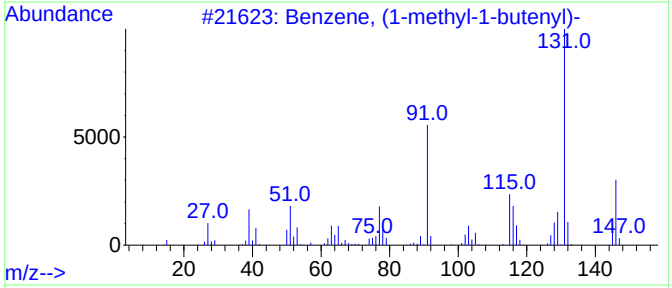
****
Peak Number 8 Benzene, (1-methyl-1-butenyl)- Concentration Rank 13

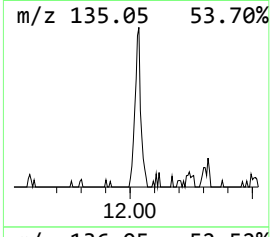
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.025	4.70 ng	69050	Naphthalene-d8	10.920

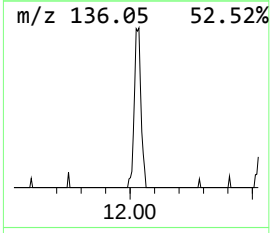
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	60
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	60
3	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	55
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	49
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	49

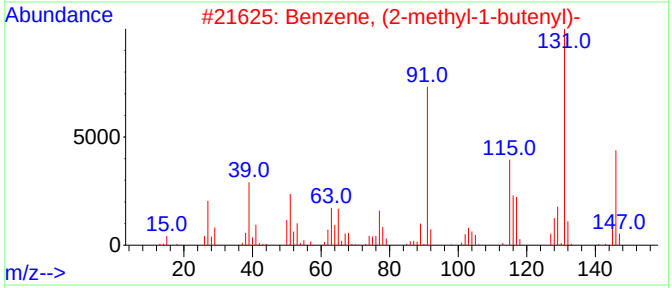


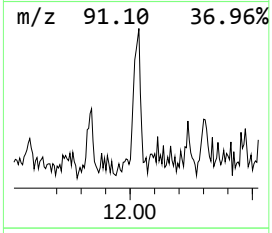


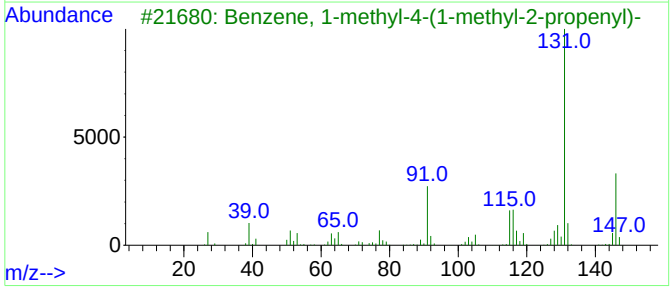


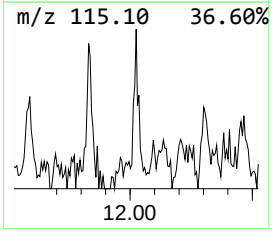












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Data File : BG049126.D
Acq On : 28 Jun 2021 19:45
Operator : CG/JU
Sample : M2828-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PW-2R

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

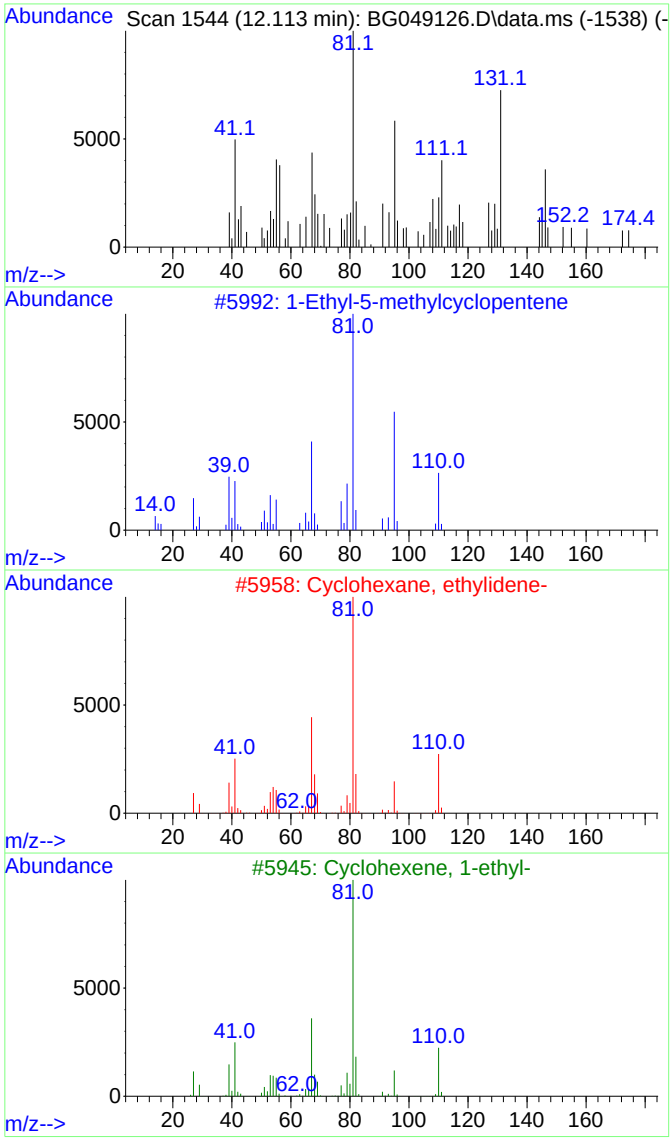
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

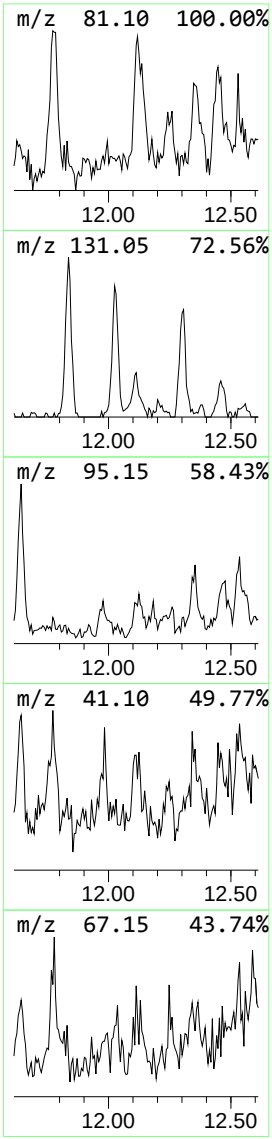
****

Peak Number 9 unknown12.113 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.113	4.11 ng	60381	Naphthalene-d8	10.920

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	38
2	Cyclohexane, ethylidene-	110	C8H14	001003-64-1	25
3	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	25
4	4-Ethylcyclohexene	110	C8H14	003742-42-5	25
5	Undec-10-ynoic acid	182	C11H18O2	002777-65-3	14





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Acq On : 28 Jun 2021 19:45
Operator : CG/JU
Sample : M2828-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PW-2R

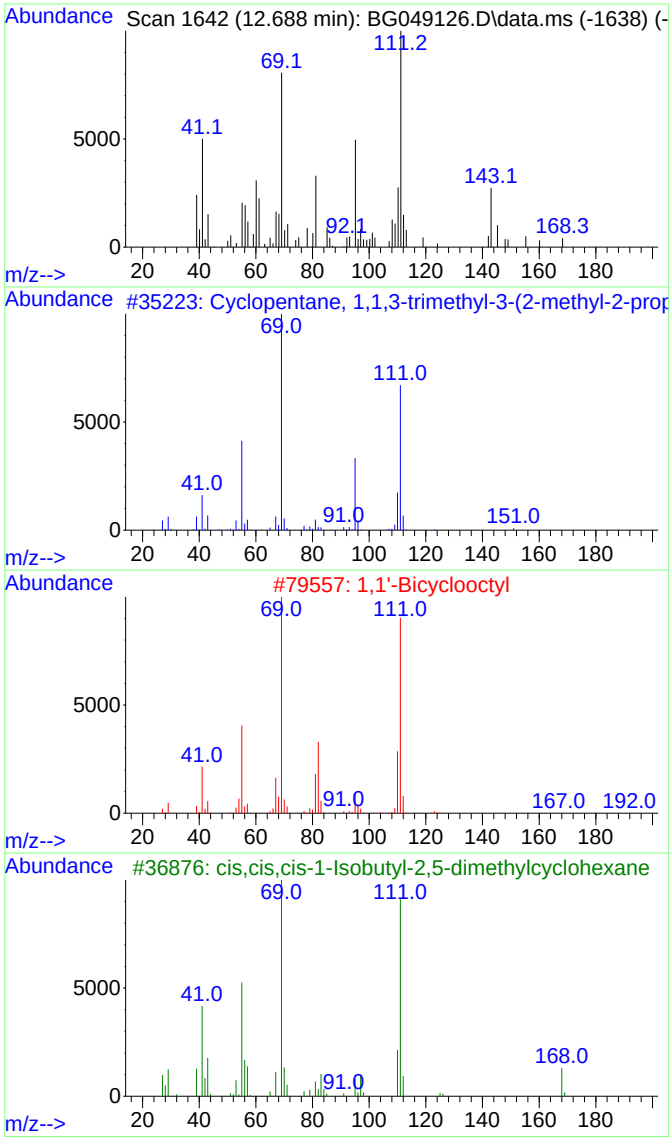
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

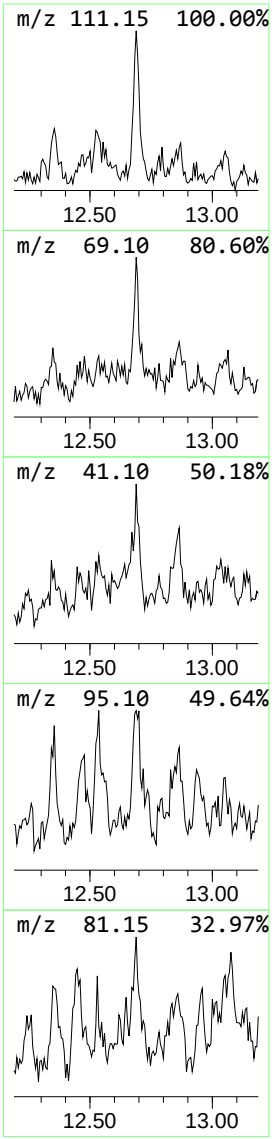
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclopentane, 1,1,3-trimeth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.688	4.84 ng	71038	Naphthalene-d8	10.920

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1,3-trimethyl-3-...	166	C12H22	074421-09-3	50
2	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	47
3	cis,cis,cis-1-Isobutyl-2,5-dimet...	168	C12H24	1000113-60-0	47
4	6-Isopropyl-2,3-dihydropyran-2,4...	154	C8H10O3	035236-83-0	43
5	3-Isopropyl-5-methyl-hex-4-en-2-one	154	C10H18O	077142-85-9	43





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Sample : M2828-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PW-2R

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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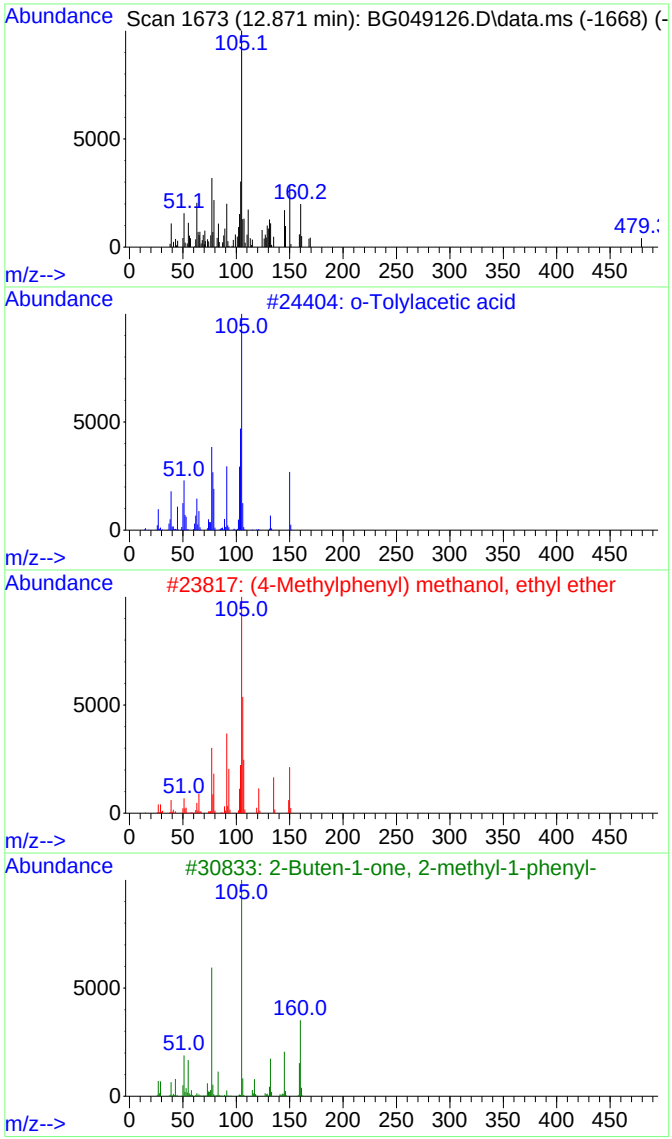
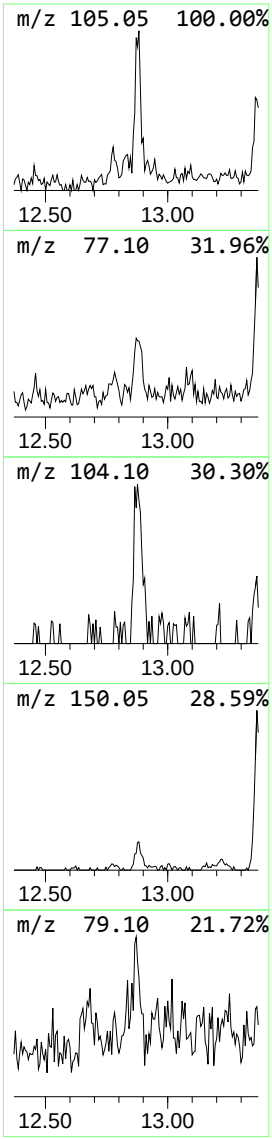
Peak Number 11 unknown12.871 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.871	4.84 ng	97477	Acenaphthene-d10	14.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Tolylacetic acid	150	C9H10O2	000644-36-0	15
2	(4-Methylphenyl) methanol, ethyl...	150	C10H14O	1000374-65-1	14
3	2-Buten-1-one, 2-methyl-1-phenyl-	160	C11H12O	019847-64-4	14
4	2-(4-Bromo-5-methyl-3-trifluorom...	389	C15H15BrF3N3O	1000300-23-4	12
5	5-(l(-)-.alpha.-Methylamino)-6-o...	304	C18H16N4O	1000287-26-5	10





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Acq On : 28 Jun 2021 19:45
Operator : CG/JU
Sample : M2828-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PW-2R

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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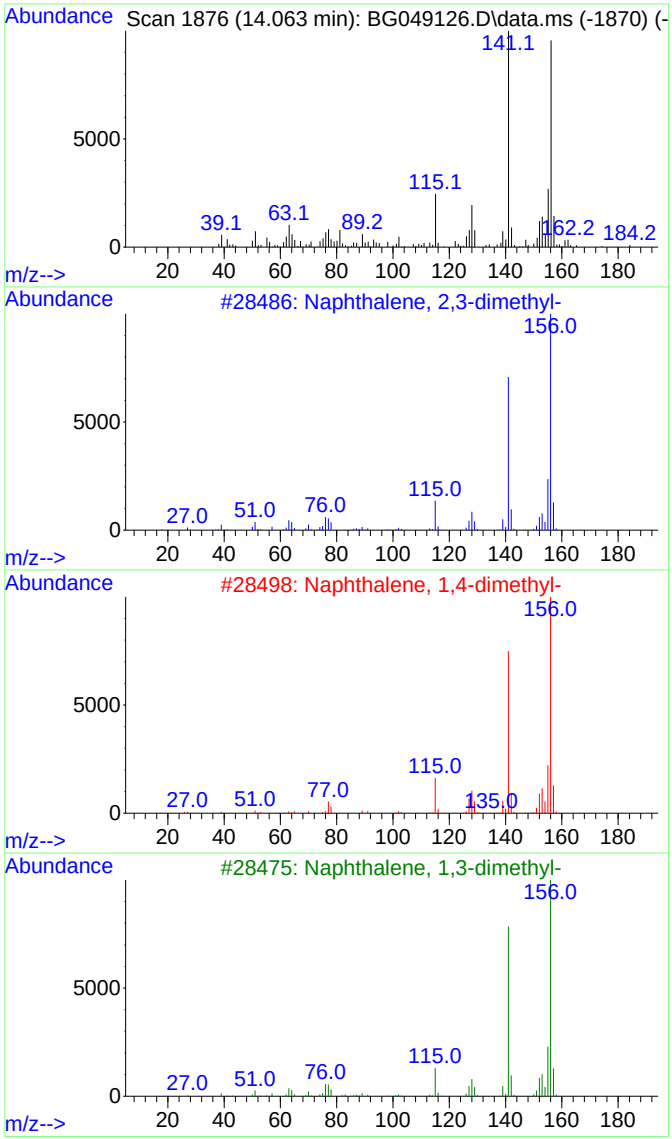
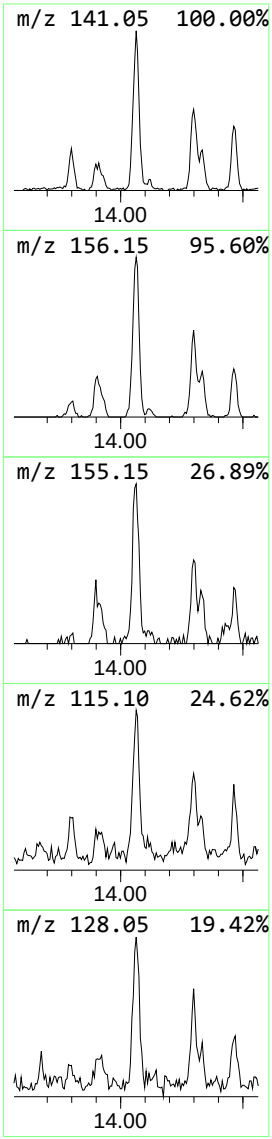
Peak Number 12 Naphthalene, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.063	11.17 ng	225146	Acenaphthene-d10	14.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





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Acq On : 28 Jun 2021 19:45
Operator : CG/JU
Sample : M2828-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PW-2R

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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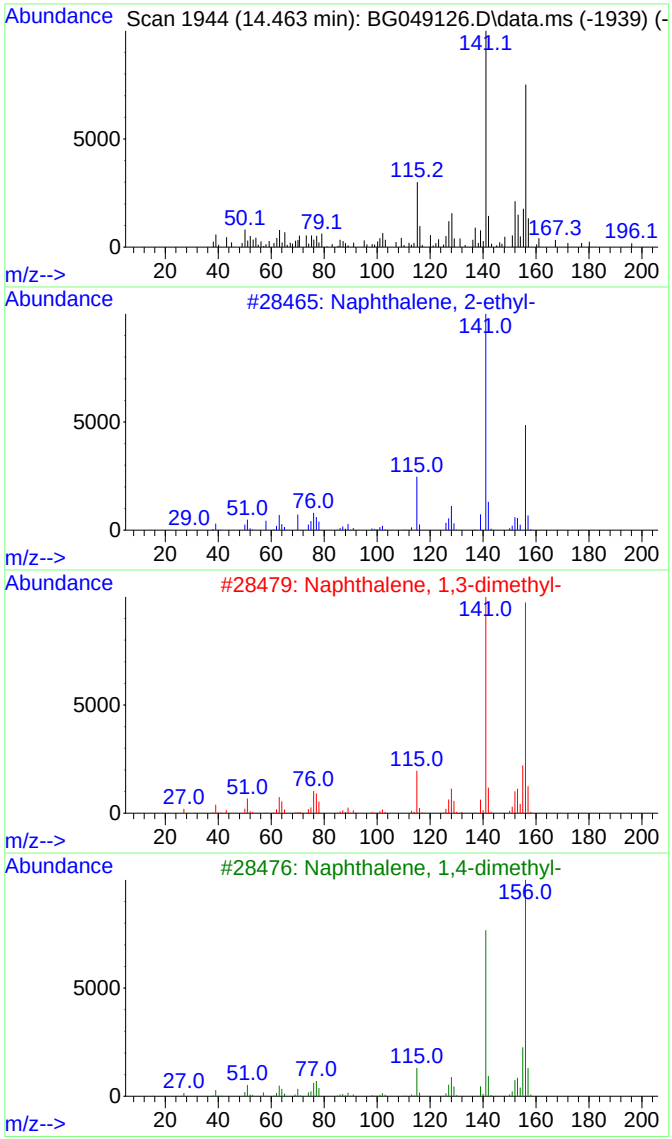
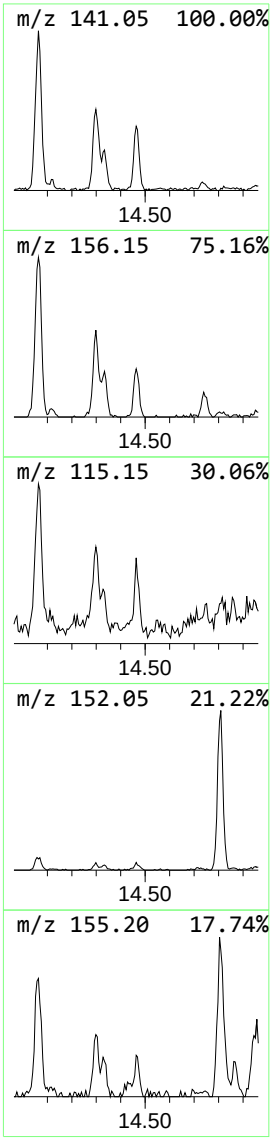
Peak Number 13 Naphthalene, 2-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.463	4.73 ng	95362	Acenaphthene-d10	14.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	91
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	90
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	87





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Acq On : 28 Jun 2021 19:45
Operator : CG/JU
Sample : M2828-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PW-2R

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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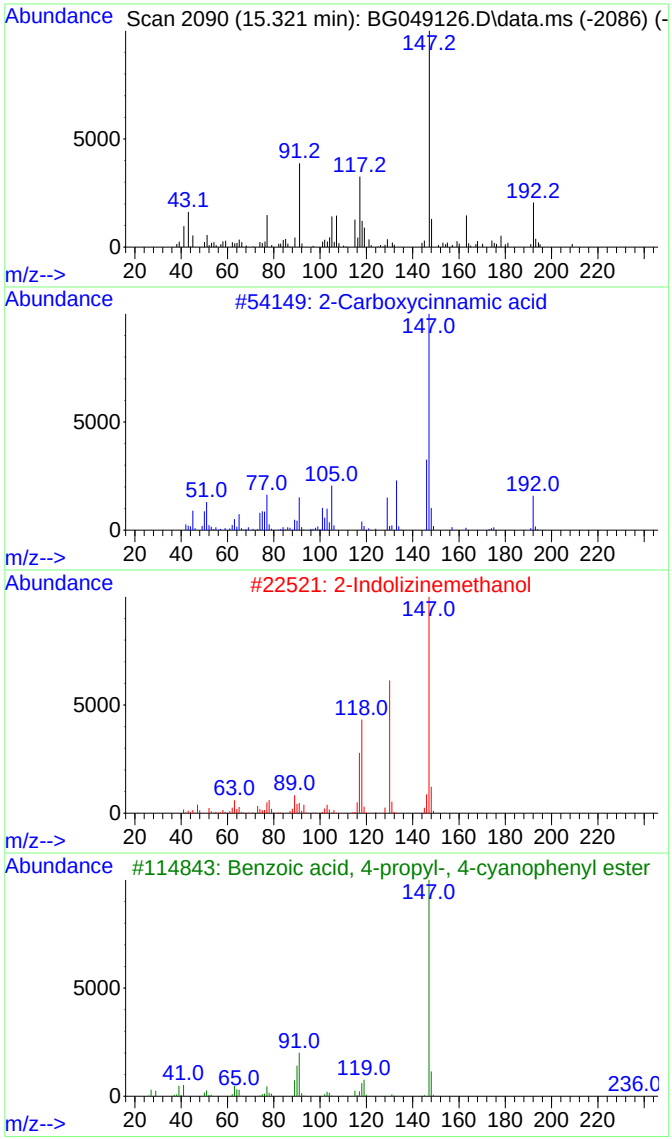
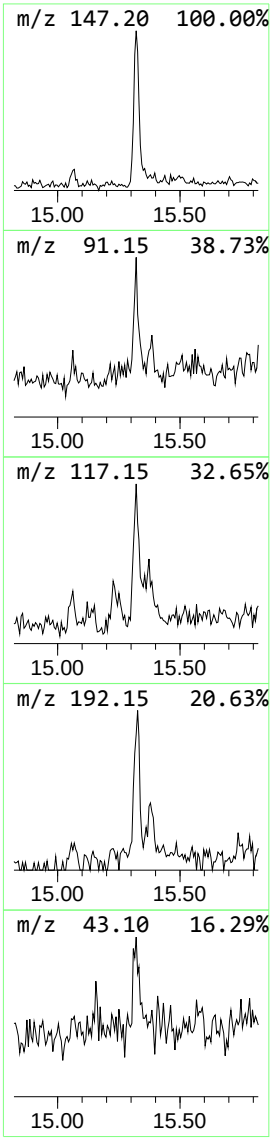
Peak Number 14 2-Carboxycinnamic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.321	3.96 ng	79752	Acenaphthene-d10	14.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Carboxycinnamic acid	192	C10H8O4	000612-40-8	50
2	2-Indolizinemethanol	147	C9H9NO	022320-21-4	47
3	Benzoic acid, 4-propyl-, 4-cyano...	265	C17H15NO2	056131-49-8	47
4	2-Indolinone, 1-methyl-	147	C9H9NO	000061-70-1	43
5	2,5-Dimethylbenzoxazole	147	C9H9NO	005676-58-4	43





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Acq On : 28 Jun 2021 19:45
Operator : CG/JU
Sample : M2828-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PW-2R

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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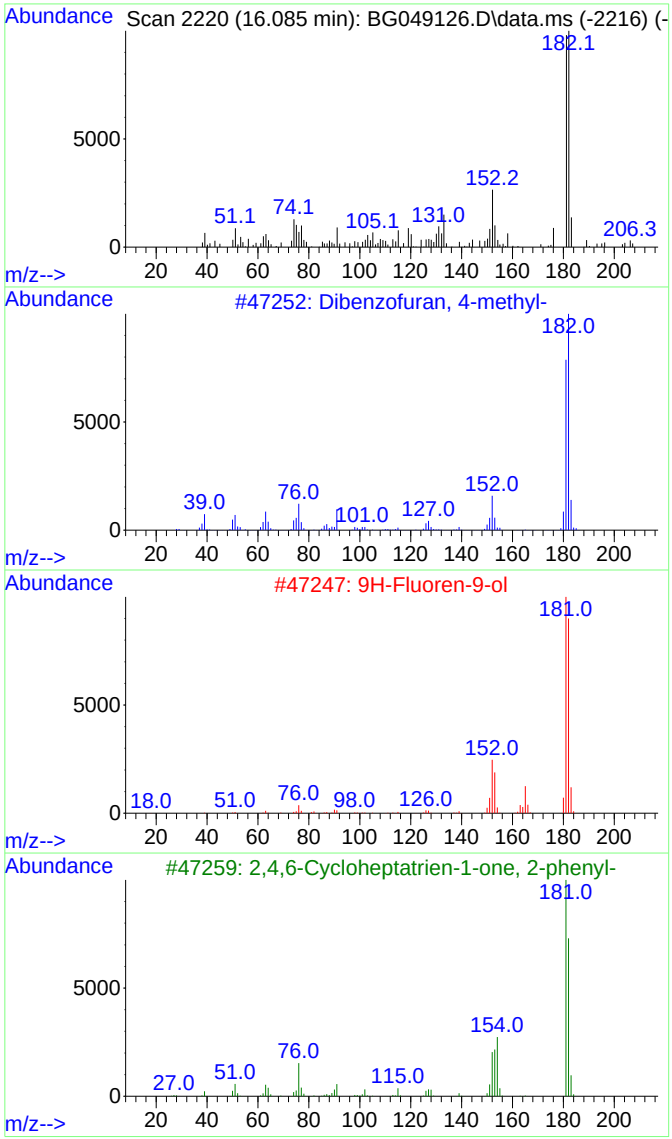
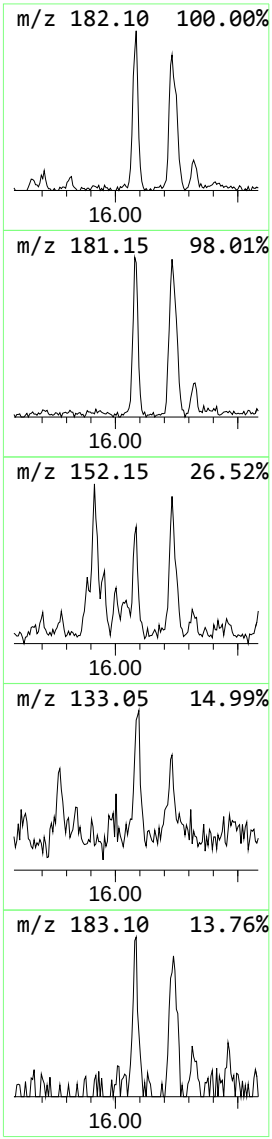
Peak Number 15 Dibenzofuran, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.084	7.85 ng	158120	Acenaphthene-d10	14.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	81
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	81
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	70





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Sample : M2828-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PW-2R

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

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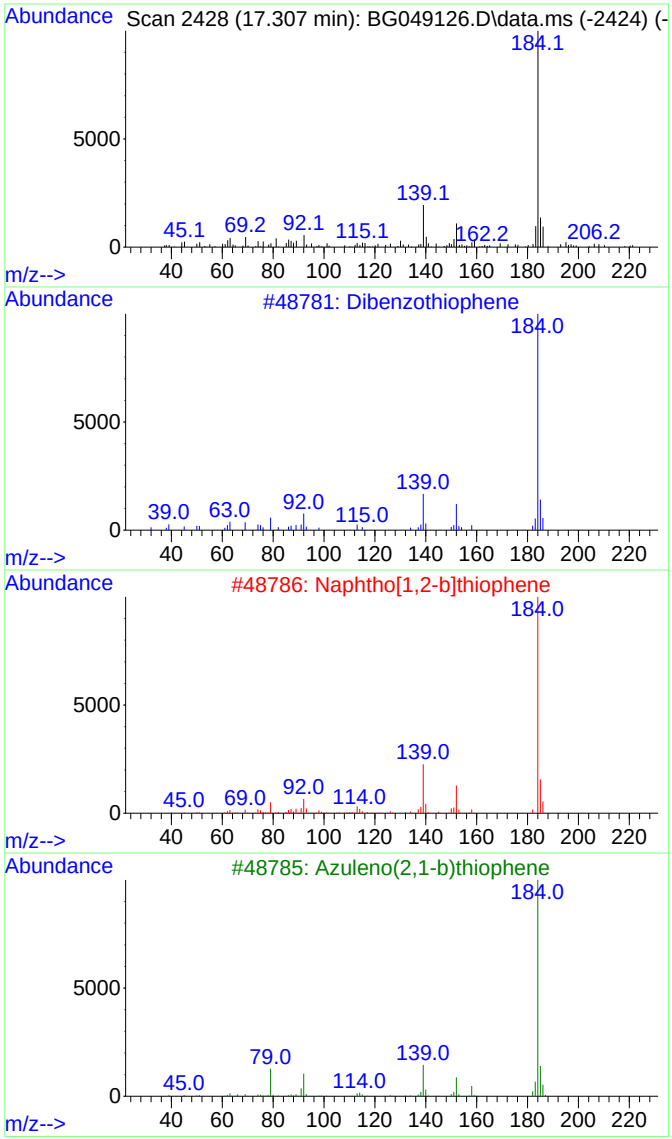
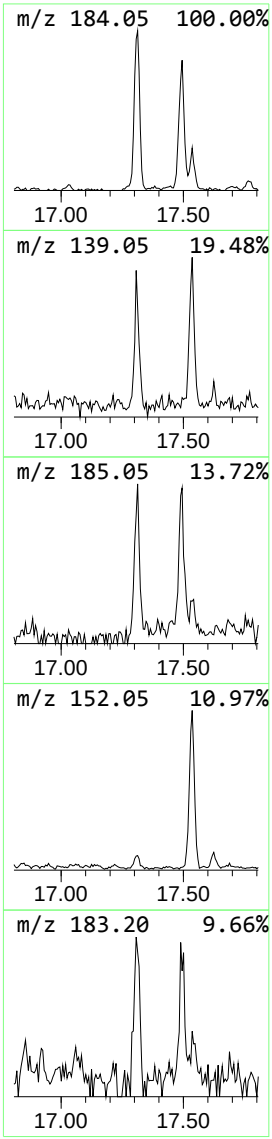
Peak Number 16 Dibenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.307	3.96 ng	98686	Phenanthrene-d10	17.495

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	90
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	87
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	86
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	80





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Sample : M2828-13
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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PW-2R

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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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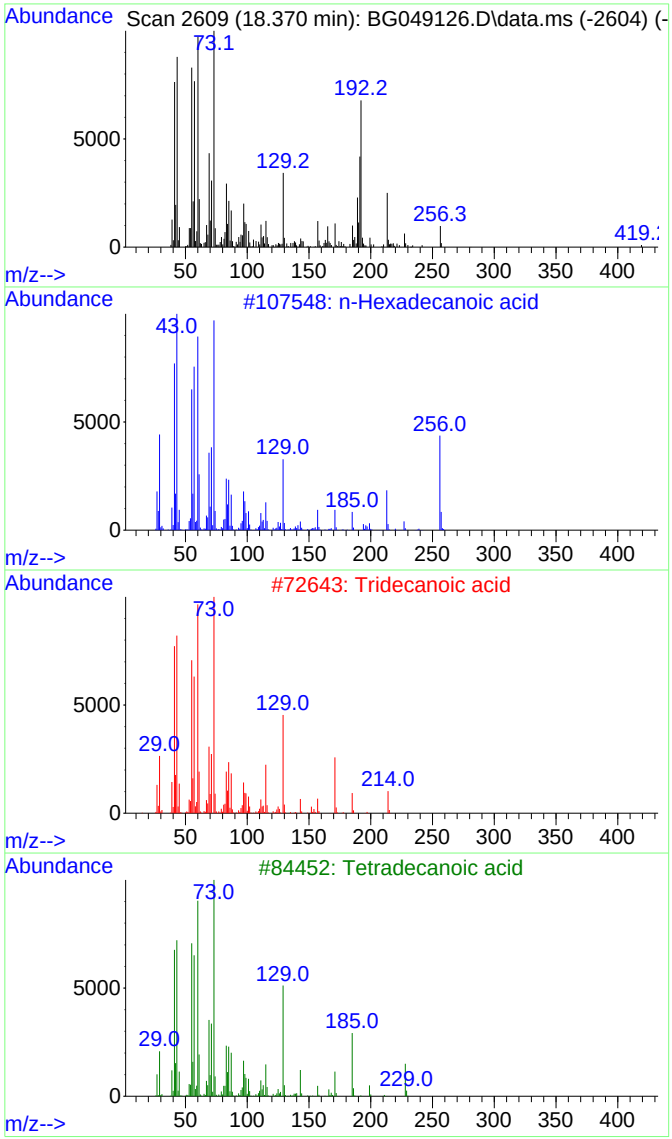
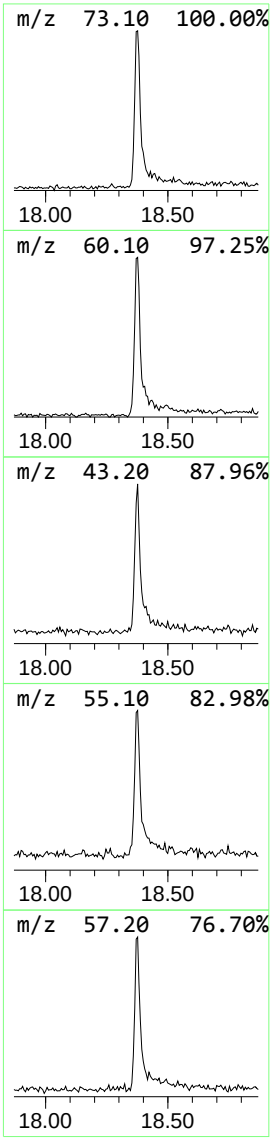
Peak Number 17 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.370	15.95 ng	397691	Phenanthrene-d10	17.495

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	70
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	60
5	Octadecanoic acid	284	C18H36O2	000057-11-4	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049126.D
Acq On : 28 Jun 2021 19:45
Operator : CG/JU
Sample : M2828-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PW-2R

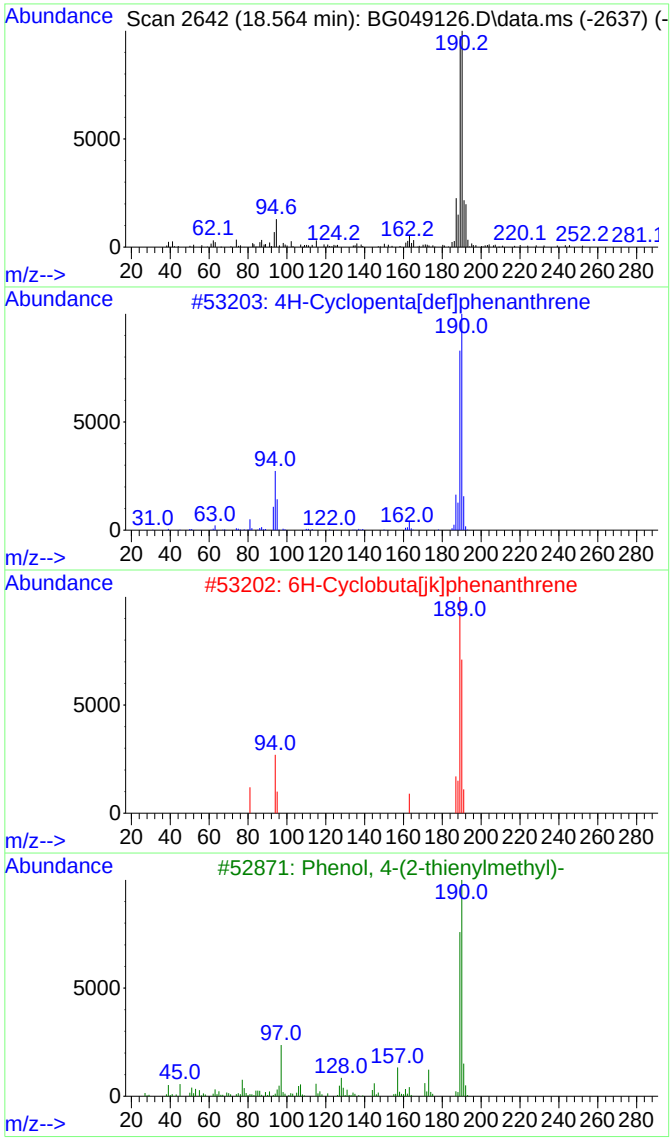
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

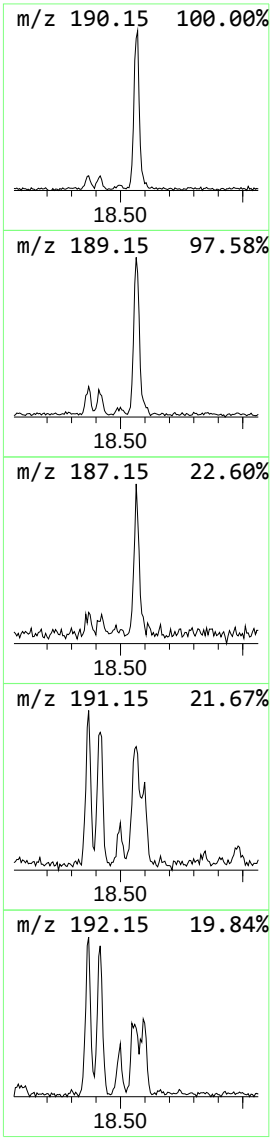
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.564	6.04 ng	150493	Phenanthrene-d10	17.495

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	59
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049126.D
Acq On : 28 Jun 2021 19:45
Operator : CG/JU
Sample : M2828-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PW-2R

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

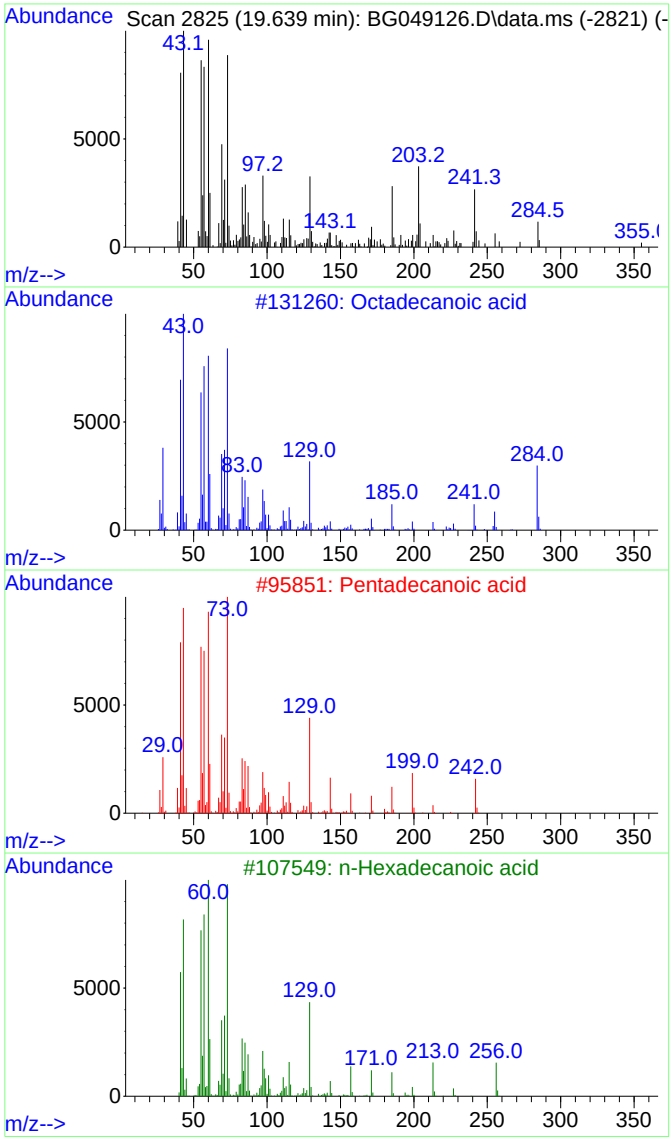
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

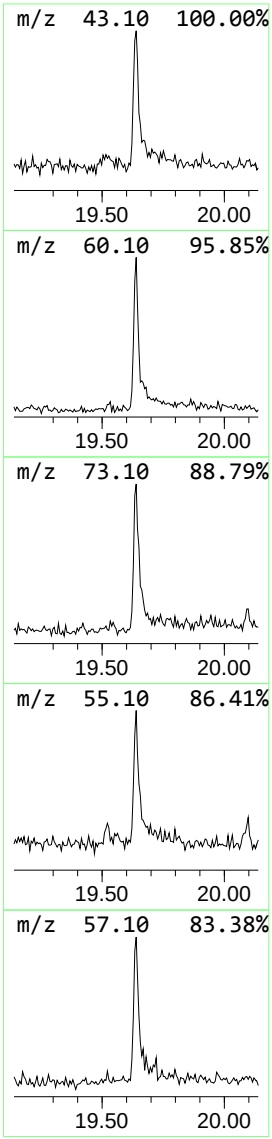
****

Peak Number 19 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.639	6.09 ng	193981	Chrysene-d12	21.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
4	Dodecanoic acid	200	C12H24O2	000143-07-7	49
5	Undecanoic acid	186	C11H22O2	000112-37-8	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049126.D
Acq On : 28 Jun 2021 19:45
Operator : CG/JU
Sample : M2828-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PW-2R

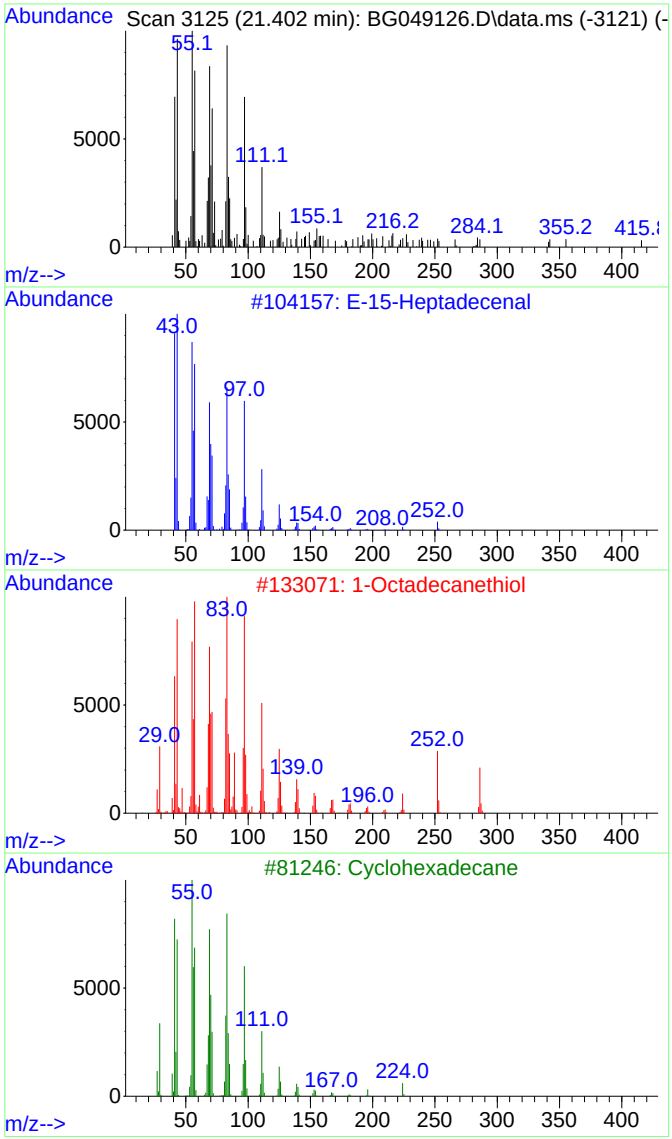
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

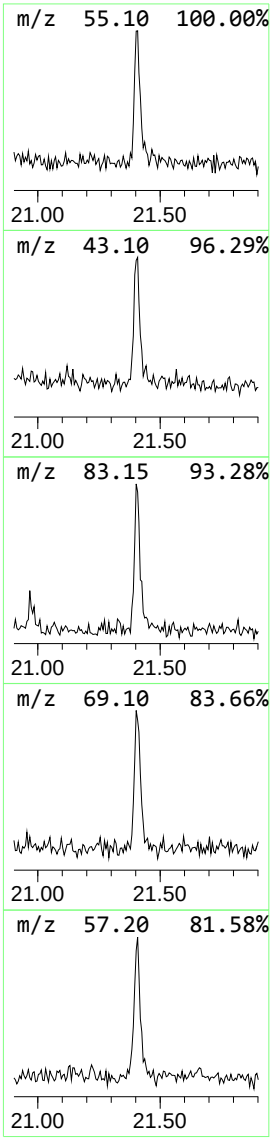
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 E-15-Heptadecenal Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.402	4.17 ng	132821	Chrysene-d12	21.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	92
2	1-Octadecanethiol	286	C18H38S	002885-00-9	91
3	Cyclohexadecane	224	C16H32	000295-65-8	91
4	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	90
5	1-Octadecene	252	C18H36	000112-88-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049126.D
Acq On : 28 Jun 2021 19:45
Operator : CG/JU
Sample : M2828-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PW-2R

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	3.147	24.6	ng	223537	1	8.100	181969	20.0
Butane, 2-metho...	3.229	7.4	ng	67188	1	8.100	181969	20.0
unknown5.186	5.186	4.2	ng	38518	1	8.100	181969	20.0
Indane	8.476	9.5	ng	86038	1	8.100	181969	20.0
Benzene, 1-ethy...	9.216	4.3	ng	39067	1	8.100	181969	20.0
Benzene, (1-met...	10.309	5.9	ng	87283	2	10.920	293778	20.0
Cyclohexene, 3-...	10.638	4.3	ng	63635	2	10.920	293778	20.0
Benzene, (1-met...	12.025	4.7	ng	69050	2	10.920	293778	20.0
unknown12.113	12.113	4.1	ng	60381	2	10.920	293778	20.0
Cyclopentane, 1...	12.688	4.8	ng	71038	2	10.920	293778	20.0
unknown12.871	12.871	4.8	ng	97477	3	14.745	403027	20.0
Naphthalene, 2,...	14.063	11.2	ng	225146	3	14.745	403027	20.0
Naphthalene, 2-...	14.463	4.7	ng	95362	3	14.745	403027	20.0
2-Carboxycinnam...	15.321	4.0	ng	79752	3	14.745	403027	20.0
Dibenzofuran, 4...	16.084	7.8	ng	158120	3	14.745	403027	20.0
Dibenzothiophene	17.307	4.0	ng	98686	4	17.495	498594	20.0
n-Hexadecanoic ...	18.370	15.9	ng	397691	4	17.495	498594	20.0
4H-Cyclopenta[d...	18.564	6.0	ng	150493	4	17.495	498594	20.0
Octadecanoic acid	19.639	6.1	ng	193981	5	21.778	637214	20.0
E-15-Heptadecenal	21.402	4.2	ng	132821	5	21.778	637214	20.0