LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
Data File : BG047841.D
Acq On : 29 Dec 2020 18:19
Operator : CG/JU
Sample : L5227-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C4-GW

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-BG121720.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG047841.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.727	398	406	413	rBV	450657	715961	21.58%	3.581%
2	6.667	558	566	573	rBV3	23338	40892	1.23%	0.205%
3	7.337	671	680	694	rBV3	308631	678840	20.46%	3.395%
4	8.200	818	827	833	rBV	159184	271884	8.19%	1.360%
5	8.688	904	910	916	rBV3	41956	71965	2.17%	0.360%
6	9.311	1010	1016	1020	rBV2	129734	229196	6.91%	1.146%
7	9.370	1020	1026	1037	rVB2	539847	1209336	36.44%	6.049%
8	9.840	1100	1106	1112	rVB	80734	141503	4.26%	0.708%
9	10.204	1162	1168	1173	rBV5	30967	61214	1.84%	0.306%
10	10.263	1173	1178	1188	rVB2	62471	119852	3.61%	0.599%
11	10.415	1193	1204	1211	rBV2	349801	634474	19.12%	3.173%
12	10.715	1248	1255	1261	rBV3	18839	34951	1.05%	0.175%
13	11.021	1295	1307	1313	rBV2	177643	451824	13.62%	2.260%
14	11.132	1321	1326	1333	rVB	76185	133029	4.01%	0.665%
15	11.226	1336	1342	1349	rVV4	23257	43260	1.30%	0.216%
16	11.491	1381	1387	1392	rVB3	84379	144485	4.35%	0.723%
17	11.602	1399	1406	1412	rBV2	78093	150158	4.52%	0.751%
18	11.679	1414	1419	1433	rVB3	52505	115863	3.49%	0.580%
19	11.931	1453	1462	1467	rVB2	76726	137177	4.13%	0.686%
20	12.125	1487	1495	1500	rBV2	87348	159926	4.82%	0.800%
21	12.202	1503	1508	1514	rVB3	75065	124404	3.75%	0.622%
22	12.331	1526	1530	1535	rVB3	31454	51676	1.56%	0.258%
23	12.390	1535	1540	1549	rBV2	55818	110036	3.32%	0.550%
24	12.495	1551	1558	1561	rVV5	15656	39683	1.20%	0.198%
25	12.554	1561	1568	1576	rVB	186781	317406	9.56%	1.588%
26	12.860	1615	1620	1624	rBV7	21752	45255	1.36%	0.226%
27	12.907	1624	1628	1633	rVV3	42941	75384	2.27%	0.377%
28	13.283	1687	1692	1696	rBV6	26670	40533	1.22%	0.203%
29	13.447	1712	1720	1727	rVB	1396271	2077922	62.62%	10.393%
30	13.770	1767	1775	1780	rBV5	61305	159696	4.81%	0.799%
31	13.853	1786	1789	1792	rBV2	40198	61685	1.86%	0.309%
32	13.988	1802	1812	1821	rBV2	153715	436336	13.15%	2.182%
33	14.135	1829	1837	1843	rBV	228889	443874	13.38%	2.220%
34	14.258	1854	1858	1865	rVB	82911	123314	3.72%	0.617%
35	14.375	1873	1878	1882	rBV2	135826	232588	7.01%	1.163%
36	14.540	1902	1906	1914	rVV	87845	144247	4.35%	0.721%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
Data File : BG047841.D
Acq On : 29 Dec 2020 18:19
Operator : CG/JU
Sample : L5227-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C4-GW

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-BG121720.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.816	1946	1953	1959	rBV	320722	553121	16.67%	2.767%
38	14.881	1959	1964	1972	rVB3	62111	117900	3.55%	0.590%
39	15.022	1984	1988	1997	rVB3	36075	87764	2.64%	0.439%
40	15.210	2014	2020	2027	rVB2	69533	114323	3.45%	0.572%
41	15.286	2027	2033	2037	rBV2	41366	63954	1.93%	0.320%
42	15.427	2052	2057	2062	rBV3	59248	95096	2.87%	0.476%
43	15.480	2062	2066	2069	rBV3	30395	44512	1.34%	0.223%
44	15.592	2079	2085	2089	rBV6	30122	71773	2.16%	0.359%
45	15.627	2089	2091	2100	rVB7	28848	50170	1.51%	0.251%
46	15.856	2123	2130	2142	rBV2	92212	203958	6.15%	1.020%
47	15.985	2142	2152	2157	rBV2	108623	211617	6.38%	1.058%
48	16.303	2194	2206	2215	rBV	1243017	2038837	61.44%	10.198%
49	16.526	2240	2244	2250	rVB6	29982	45065	1.36%	0.225%
50	16.837	2290	2297	2298	rBV4	25643	41089	1.24%	0.206%
51	16.908	2305	2309	2315	rBV4	44024	78801	2.37%	0.394%
52	17.554	2413	2419	2424	rBV	383163	612022	18.44%	3.061%
53	17.595	2424	2426	2432	rVB	51846	70458	2.12%	0.352%
54	18.195	2522	2528	2534	rVB6	20563	42655	1.29%	0.213%
55	18.717	2612	2617	2622	rVB3	31164	45794	1.38%	0.229%
56	18.853	2635	2640	2649	rVB2	108811	214529	6.46%	1.073%
57	19.158	2688	2692	2694	rBV3	38255	54623	1.65%	0.273%
58	19.182	2694	2696	2700	rVB3	51953	60898	1.84%	0.305%
59	19.299	2711	2716	2717	rBV2	61583	78704	2.37%	0.394%
60	19.470	2741	2745	2750	rVB	43174	67465	2.03%	0.337%
61	19.528	2750	2755	2759	rBV6	32436	56972	1.72%	0.285%
62	20.139	2853	2859	2868	rBV	2481892	3318473	100.00%	16.598%
63	21.450	3077	3082	3094	rVB4	71553	180828	5.45%	0.904%
64	21.831	3140	3147	3154	rVB	378268	658784	19.85%	3.295%
65	25.175	3706	3716	3729	rVB	226854	683376	20.59%	3.418%

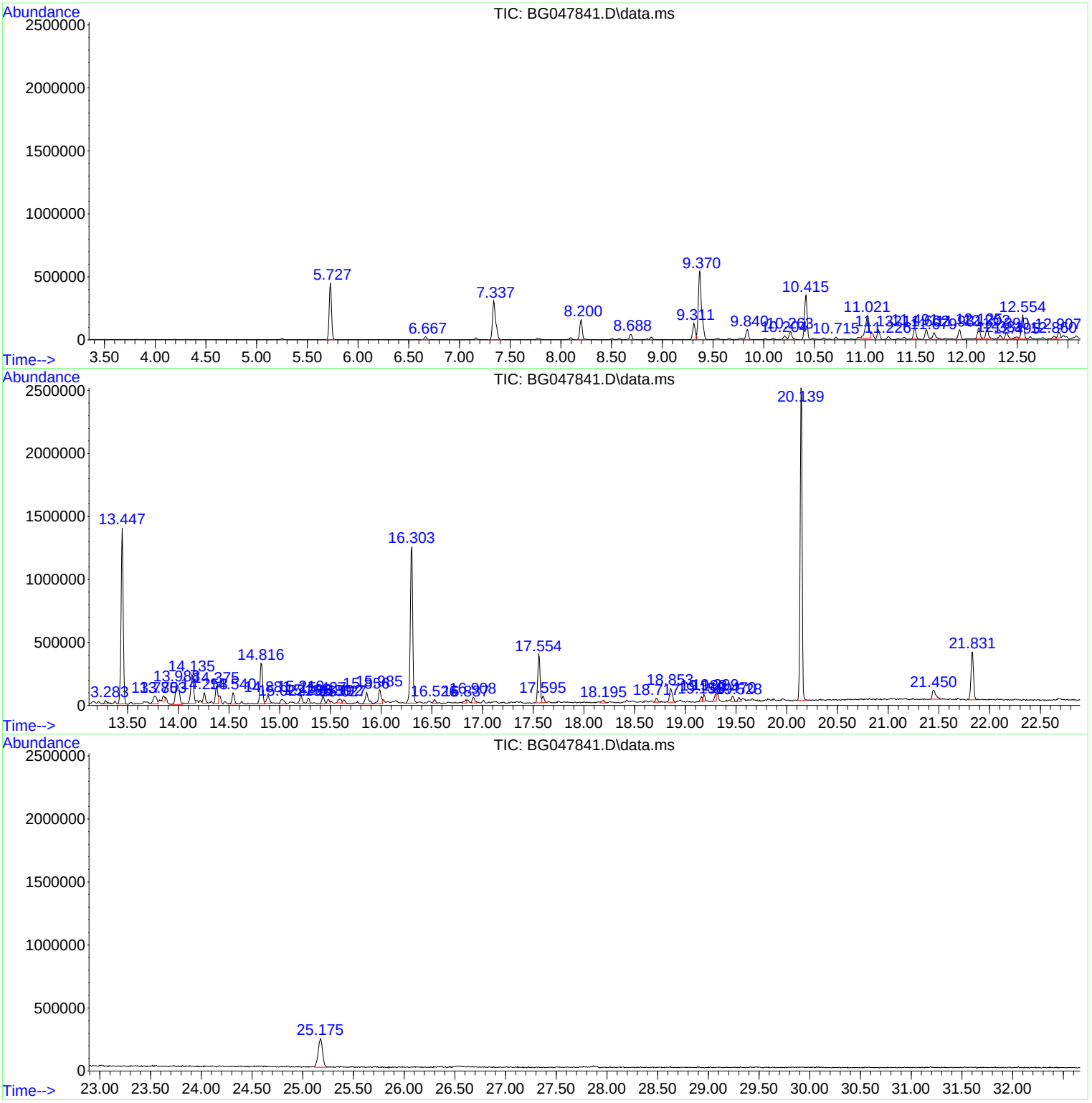
Sum of corrected areas: 19993390

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
Data File : BG047841.D
Acq On : 29 Dec 2020 18:19
Operator : CG/JU
Sample : L5227-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OWL-C4-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.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\BG122920\
Data File : BG047841.D
Acq On : 29 Dec 2020 18:19
Operator : CG/JU
Sample : L5227-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C4-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

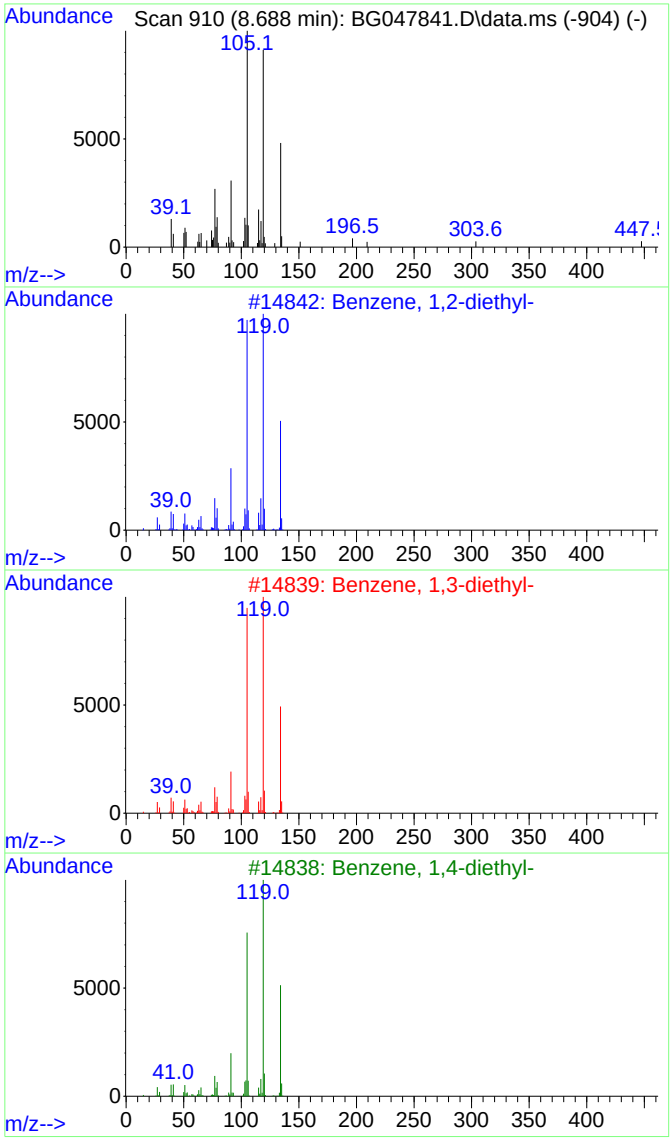
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

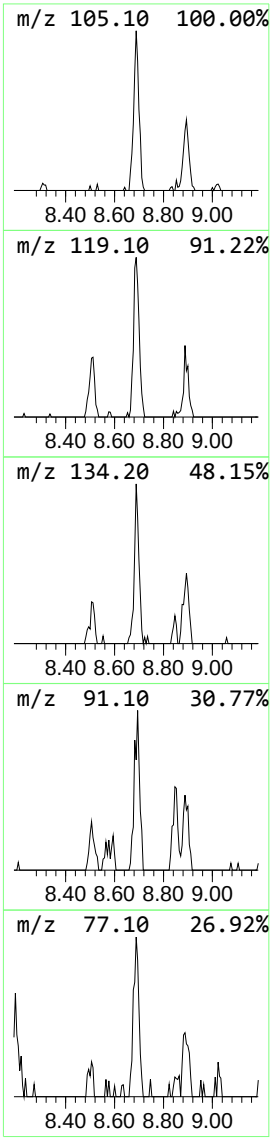
****

Peak Number 1 Benzene, 1,2-diethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.688	5.29 ng	71965	1,4-Dichlorobenzene-d4	8.200

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	74
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
Data File : BG047841.D
Acq On : 29 Dec 2020 18:19
Operator : CG/JU
Sample : L5227-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C4-GW

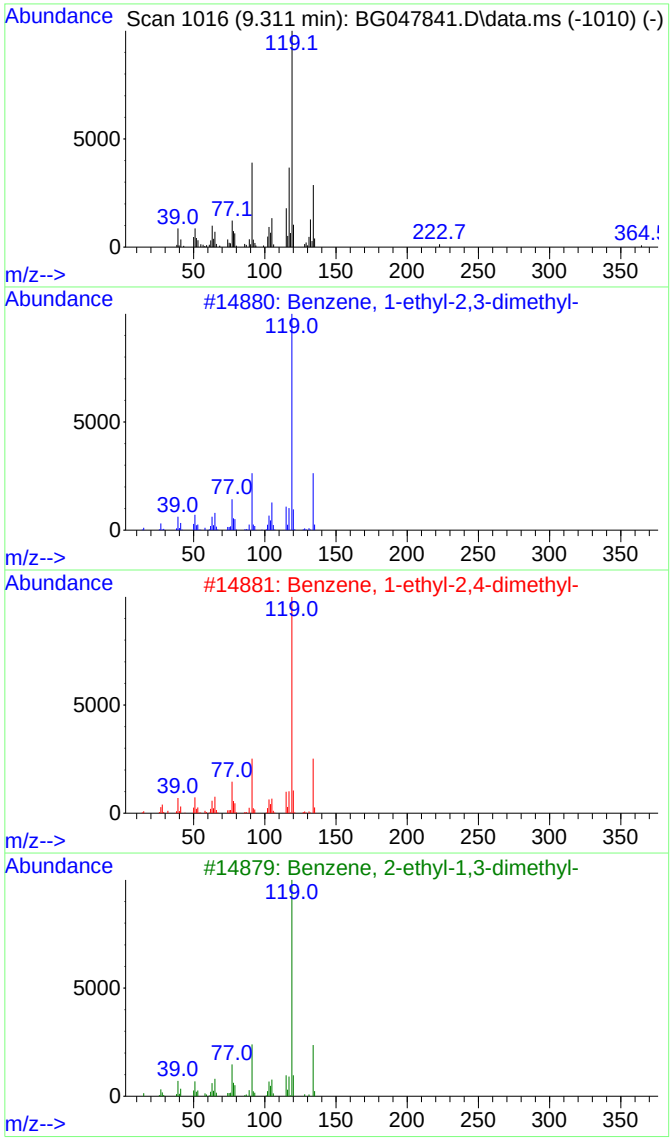
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

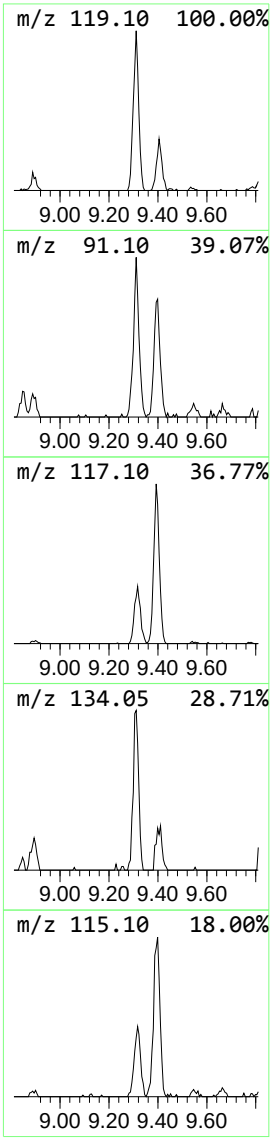
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.311	16.86 ng	229196	1,4-Dichlorobenzene-d4	8.200

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	81
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	81
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	81
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
Data File : BG047841.D
Acq On : 29 Dec 2020 18:19
Operator : CG/JU
Sample : L5227-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OWL-C4-GW

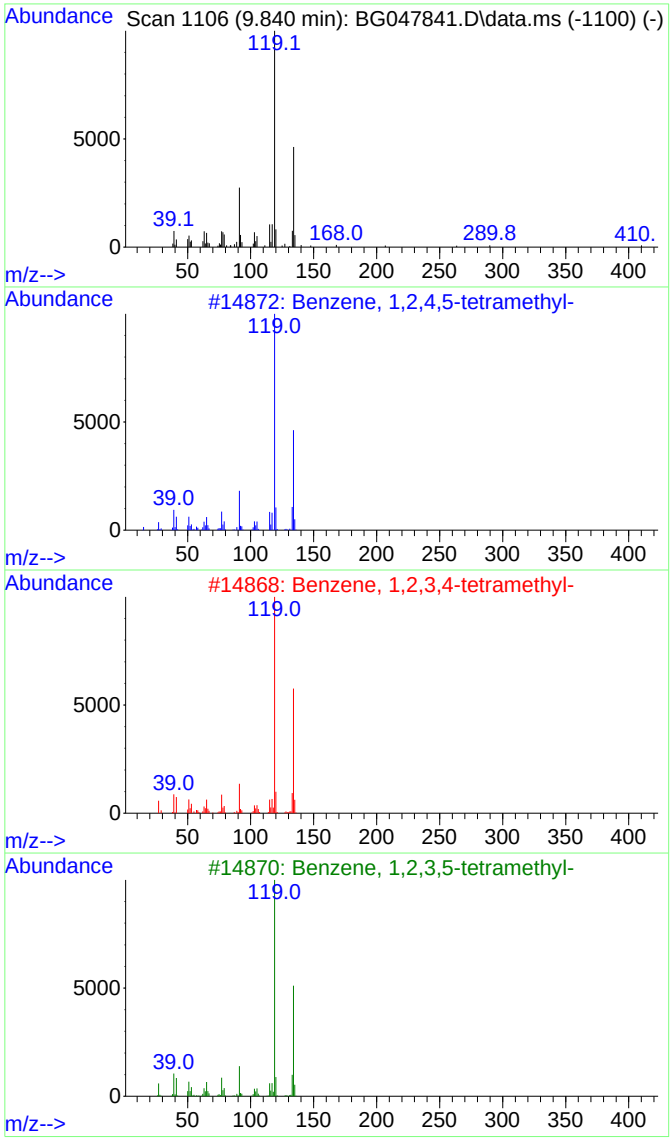
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

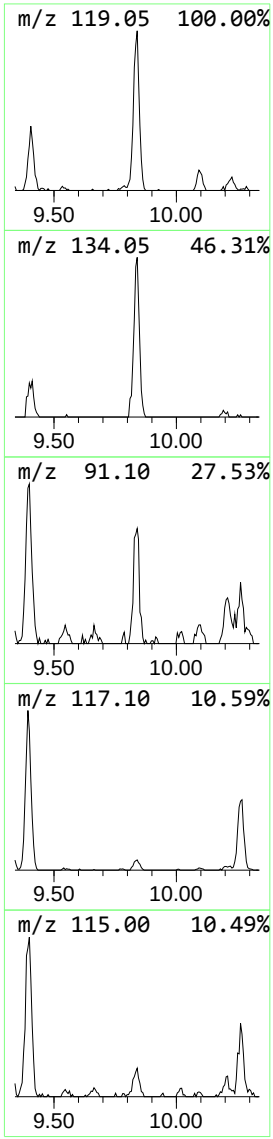
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.840	6.26 ng	141503	Naphthalene-d8	11.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
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, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
Data File : BG047841.D
Acq On : 29 Dec 2020 18:19
Operator : CG/JU
Sample : L5227-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OWL-C4-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

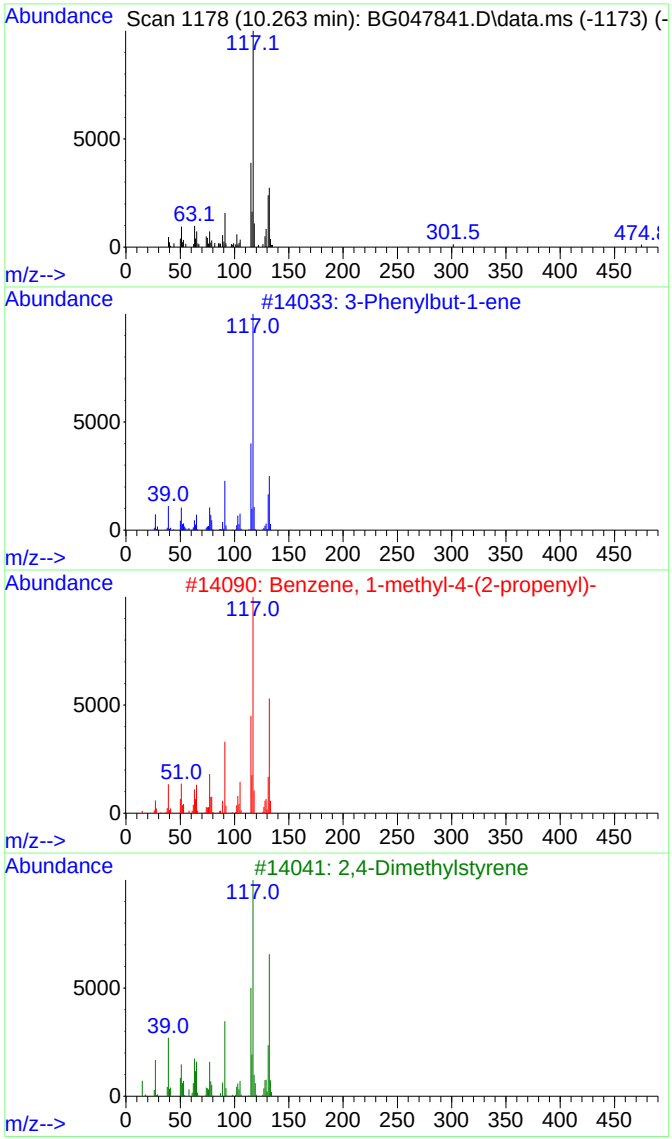
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

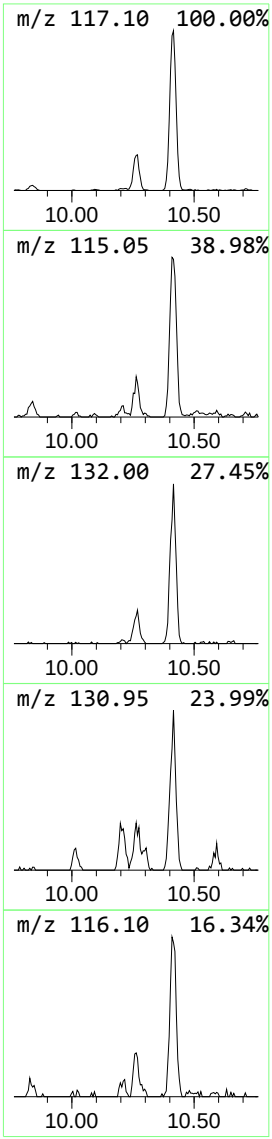
****

Peak Number 4 3-Phenylbut-1-ene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.263	5.31 ng	119852	Naphthalene-d8	11.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	90
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	87
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	83
5	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
Data File : BG047841.D
Acq On : 29 Dec 2020 18:19
Operator : CG/JU
Sample : L5227-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OWL-C4-GW

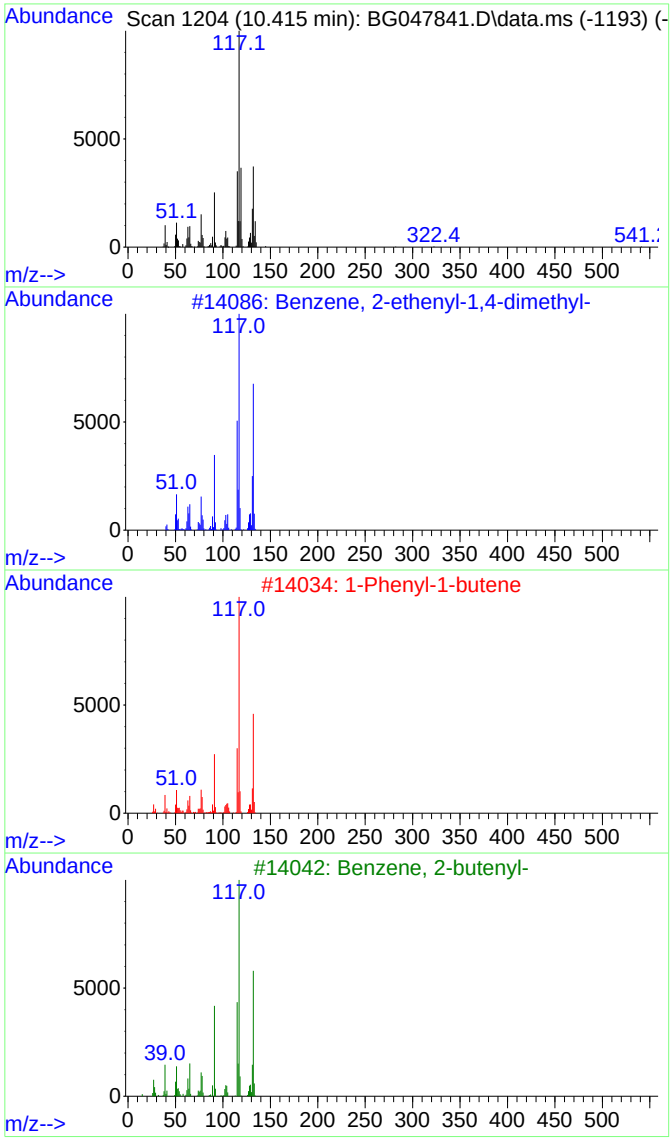
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

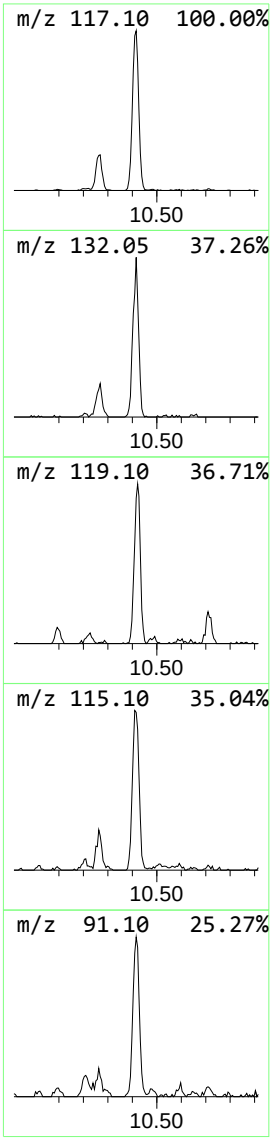
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.415	28.09 ng	634474	Naphthalene-d8	11.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	94
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	93
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	93
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
Data File : BG047841.D
Acq On : 29 Dec 2020 18:19
Operator : CG/JU
Sample : L5227-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OWL-C4-GW

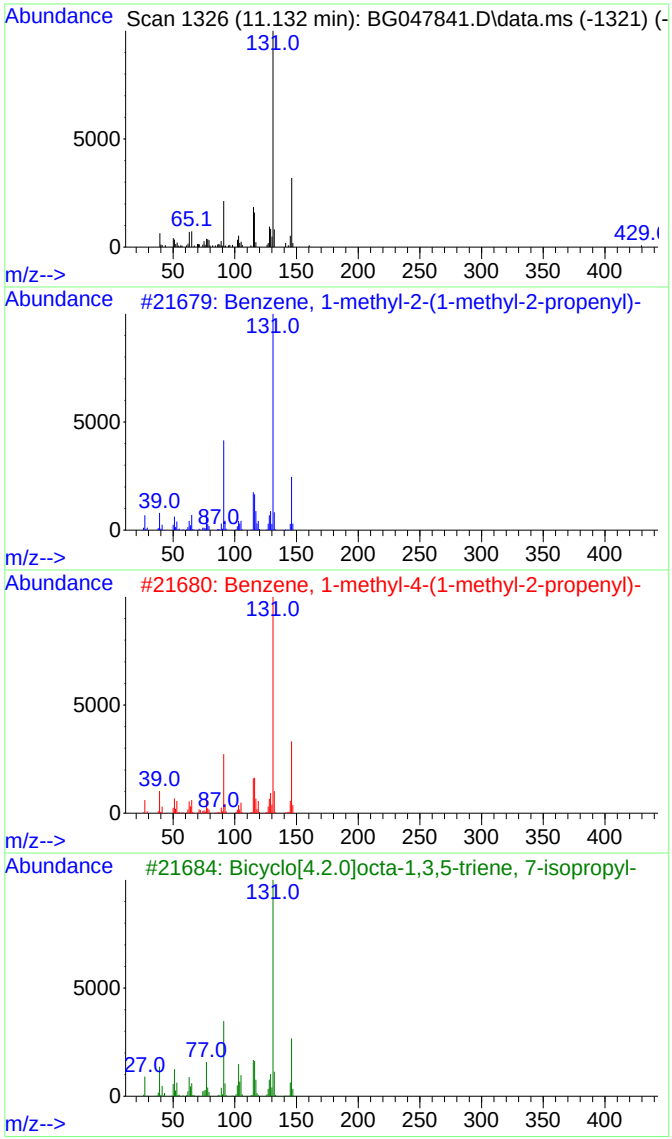
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

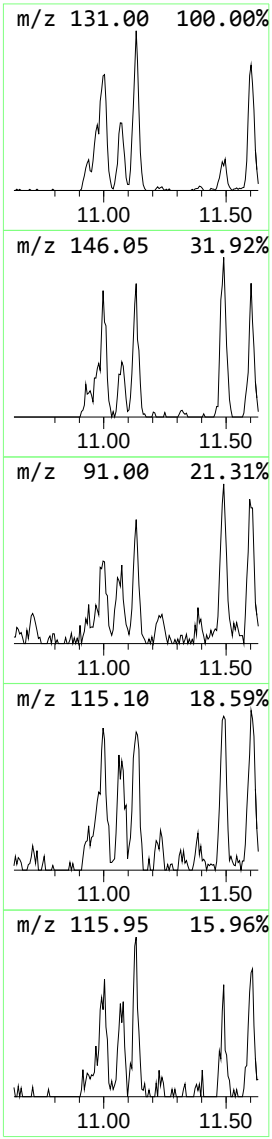
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-methyl-2-(1-meth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.132	5.89 ng	133029	Naphthalene-d8	11.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	91
2	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	91
4	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	86
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
Data File : BG047841.D
Acq On : 29 Dec 2020 18:19
Operator : CG/JU
Sample : L5227-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C4-GW

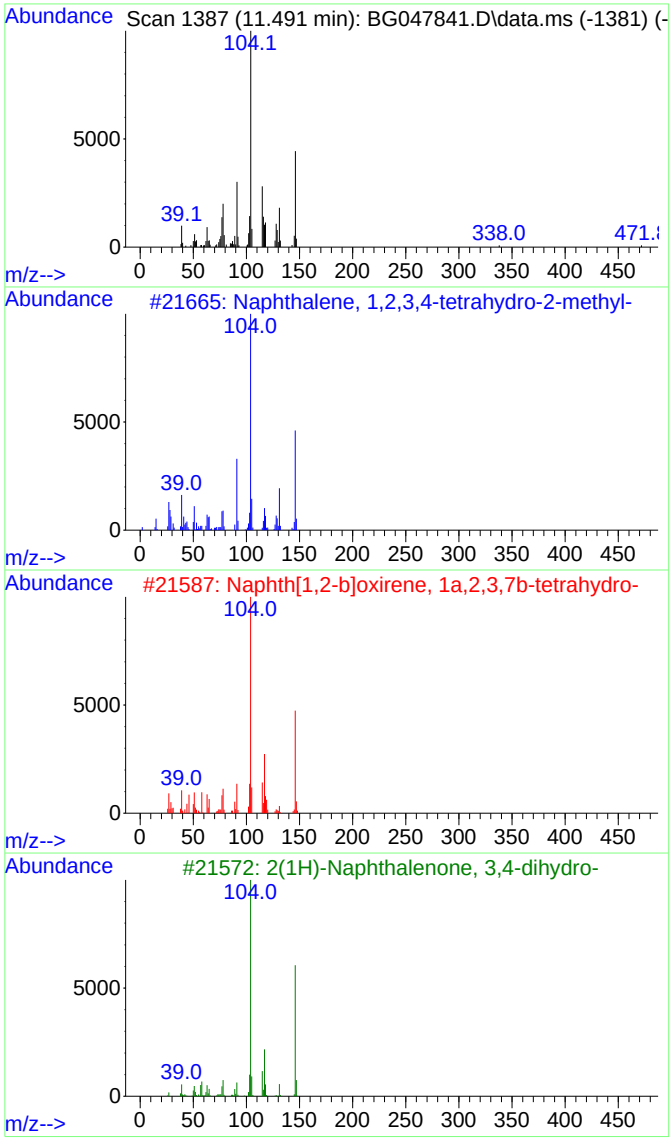
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

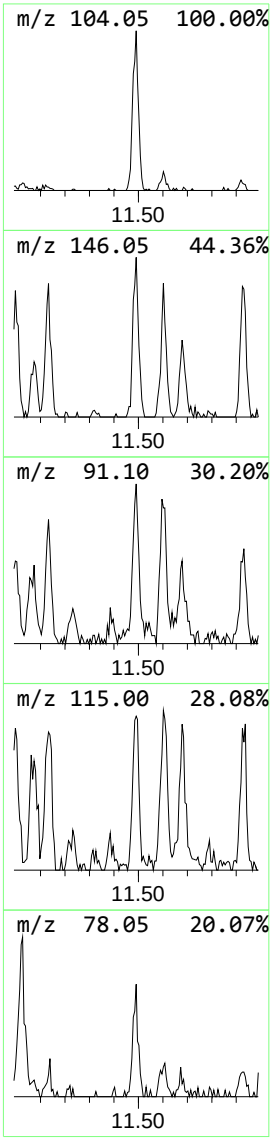
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.491	6.40 ng	144485	Naphthalene-d8	11.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	76
2	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	58
3	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	53
4	Isoxazole, 3-ethyl-4,5-dihydro-5...	175	C11H13NO	1000362-14-9	47
5	Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	43





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Data File : BG047841.D
Acq On : 29 Dec 2020 18:19
Operator : CG/JU
Sample : L5227-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C4-GW

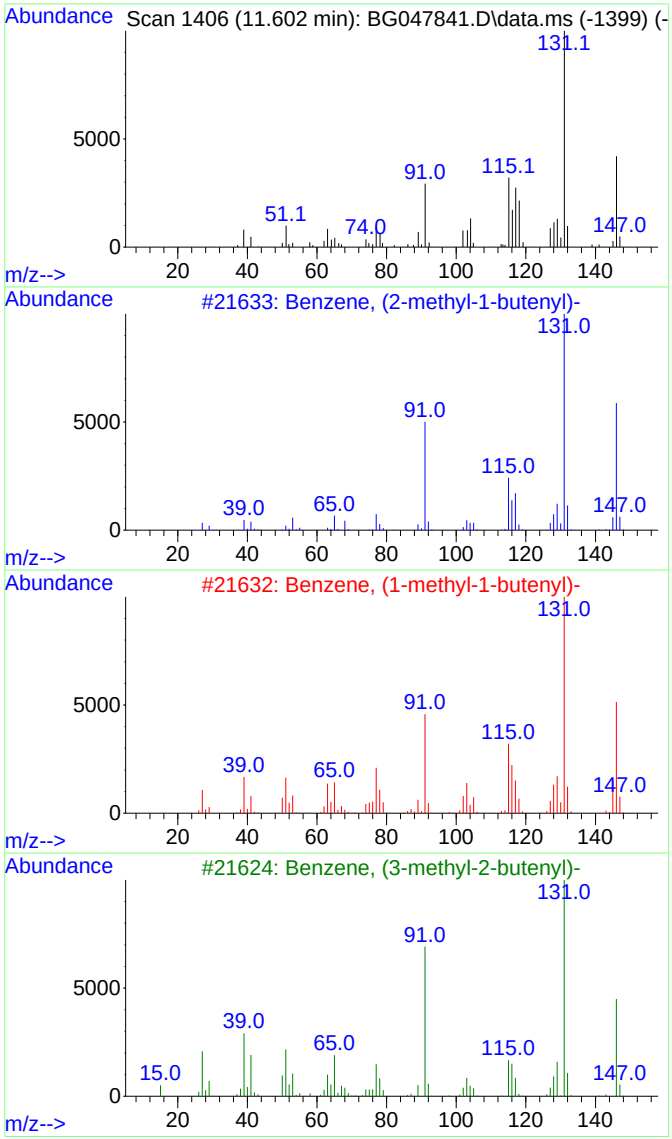
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

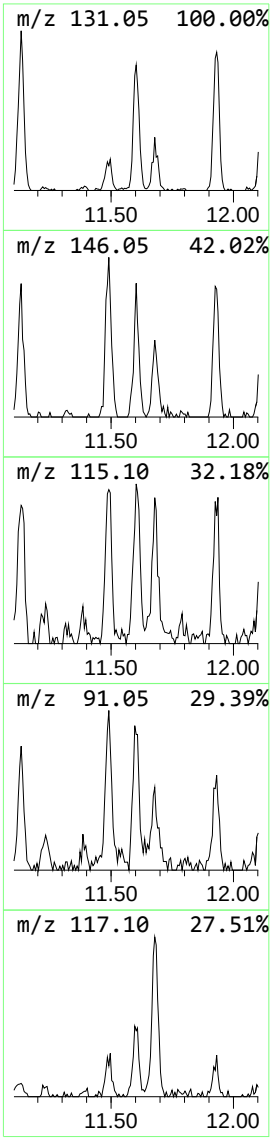
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, (2-methyl-1-butenyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.602	6.65 ng	150158	Naphthalene-d8	11.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	90
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	83
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	76
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	74
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	68





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Data File : BG047841.D
Acq On : 29 Dec 2020 18:19
Operator : CG/JU
Sample : L5227-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C4-GW

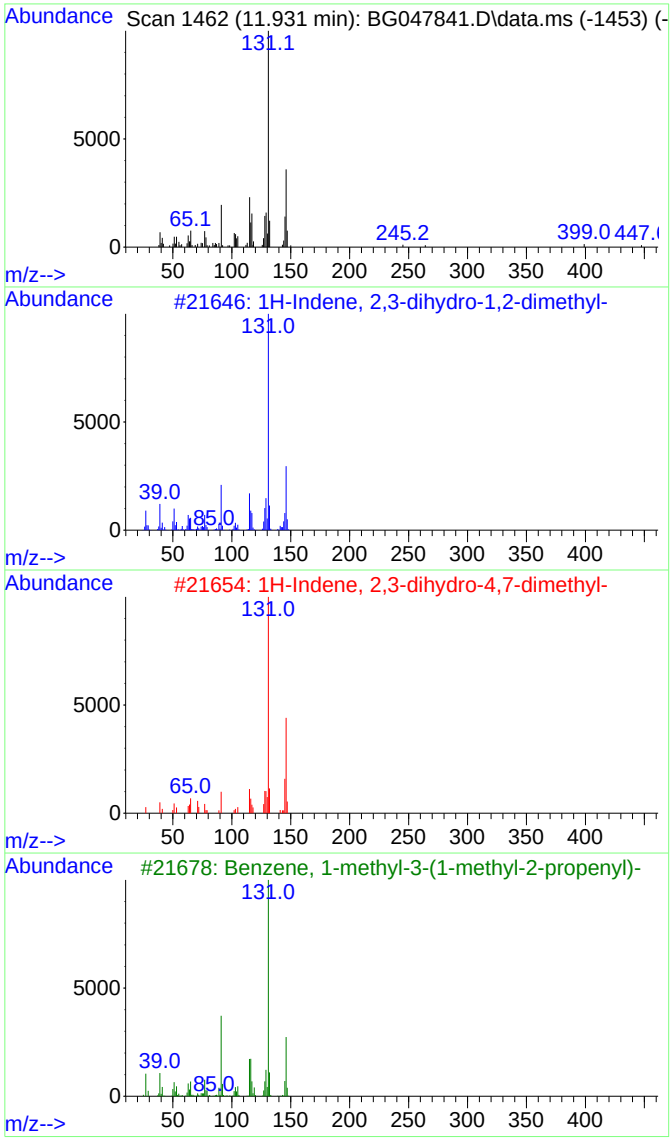
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

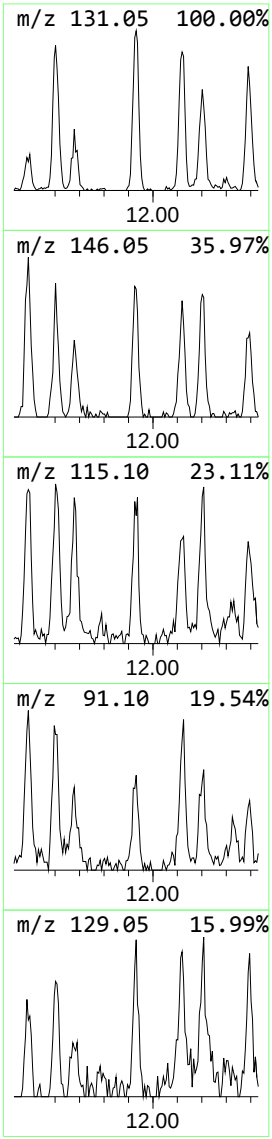
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.931	6.07 ng	137177	Naphthalene-d8	11.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
3	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	90
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90





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Acq On : 29 Dec 2020 18:19
Operator : CG/JU
Sample : L5227-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C4-GW

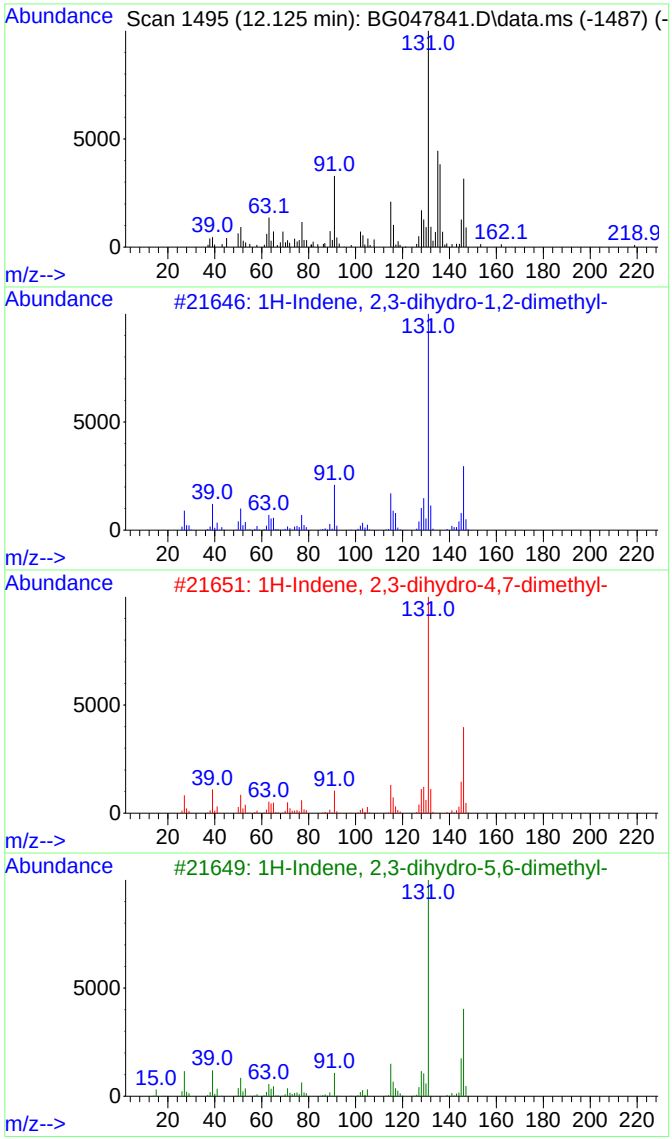
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

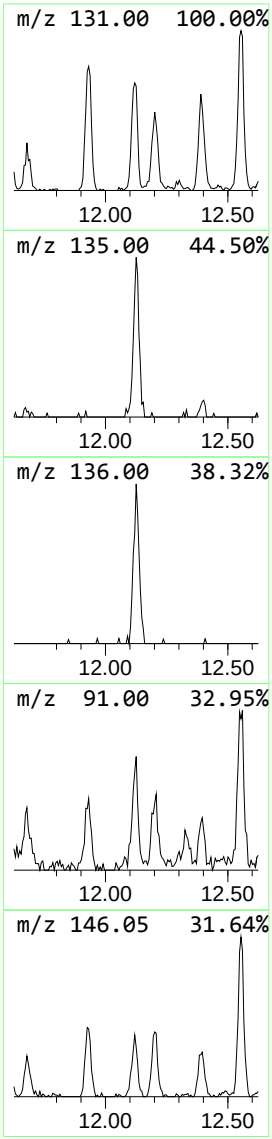
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.125	7.08 ng	159926	Naphthalene-d8	11.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	60
4	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	55
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
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Acq On : 29 Dec 2020 18:19
Operator : CG/JU
Sample : L5227-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OWL-C4-GW

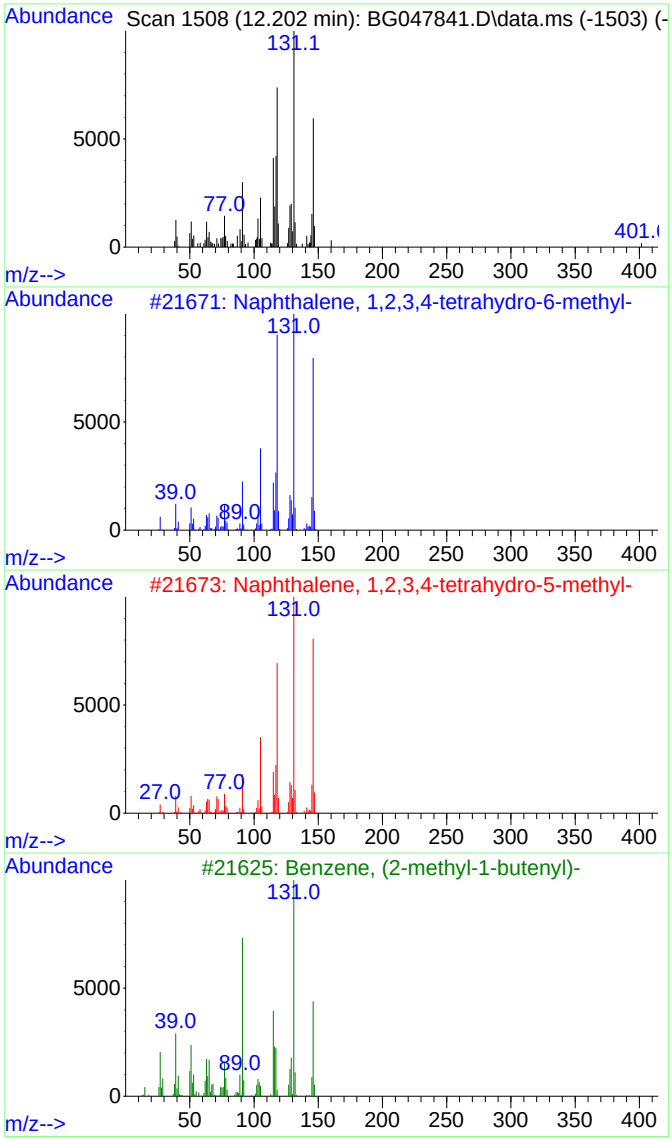
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

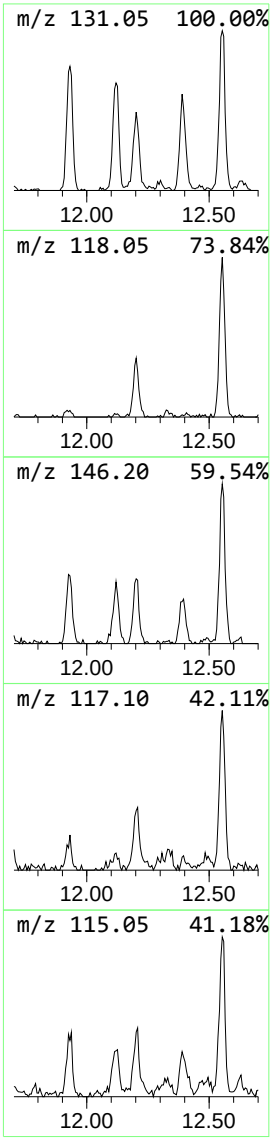
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.202	5.51 ng	124404	Naphthalene-d8	11.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	64
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	60
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
Data File : BG047841.D
Acq On : 29 Dec 2020 18:19
Operator : CG/JU
Sample : L5227-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C4-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

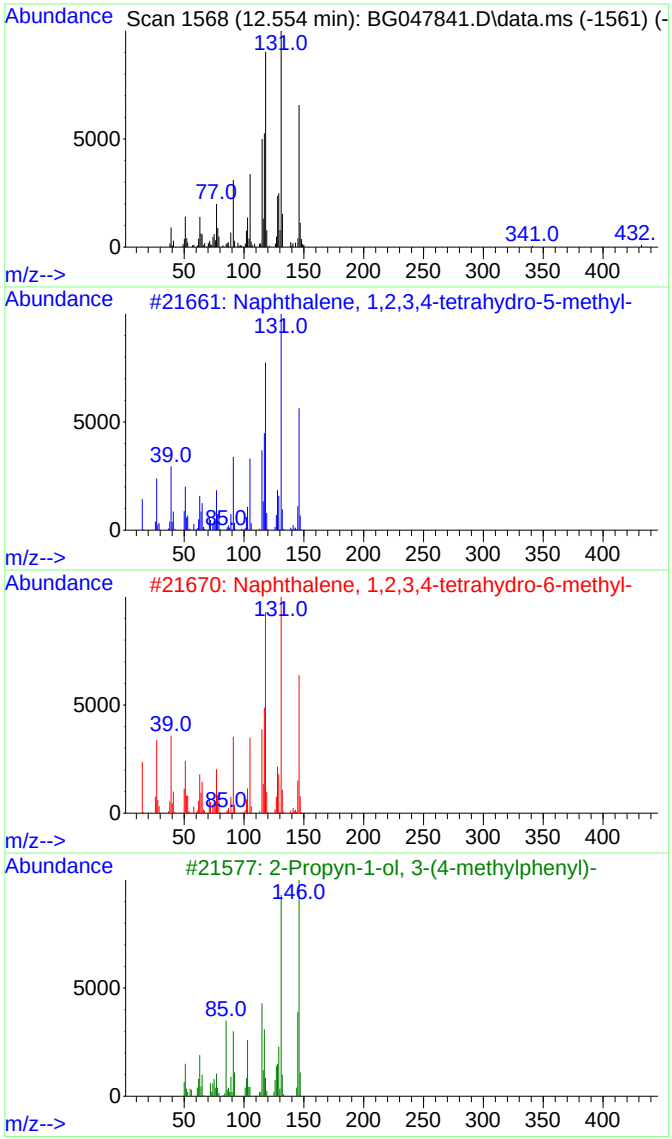
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

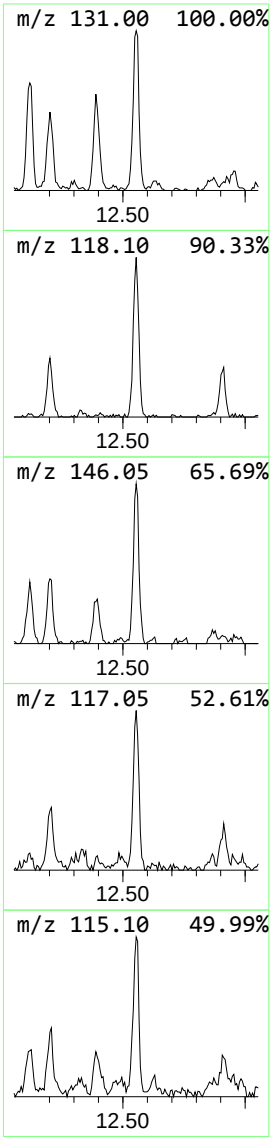
****

Peak Number 12 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.554	14.05 ng	317406	Naphthalene-d8	11.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
3	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	62
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	58
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
Data File : BG047841.D
Acq On : 29 Dec 2020 18:19
Operator : CG/JU
Sample : L5227-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C4-GW

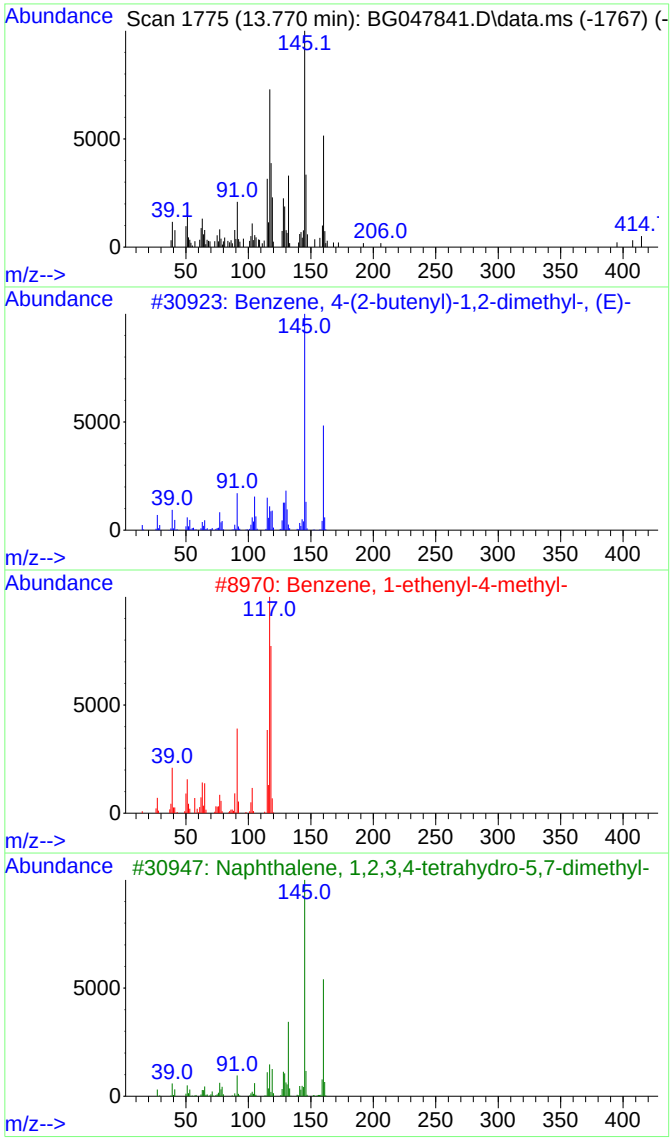
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

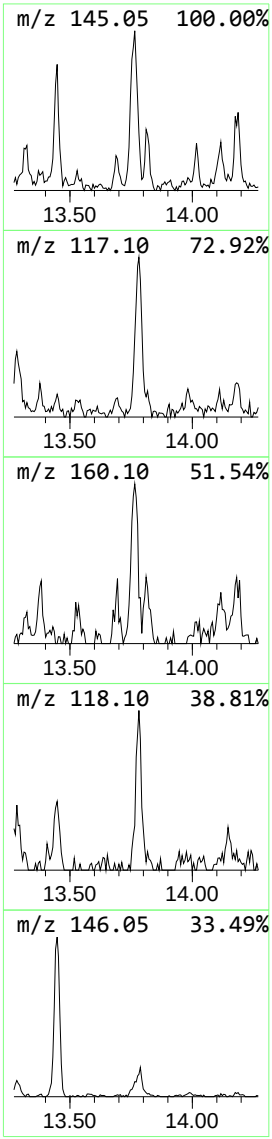
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 4-(2-butenyl)-1,2-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.770	5.77 ng	159696	Acenaphthene-d10	14.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	70
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	64
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	60
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	60
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
Data File : BG047841.D
Acq On : 29 Dec 2020 18:19
Operator : CG/JU
Sample : L5227-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C4-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

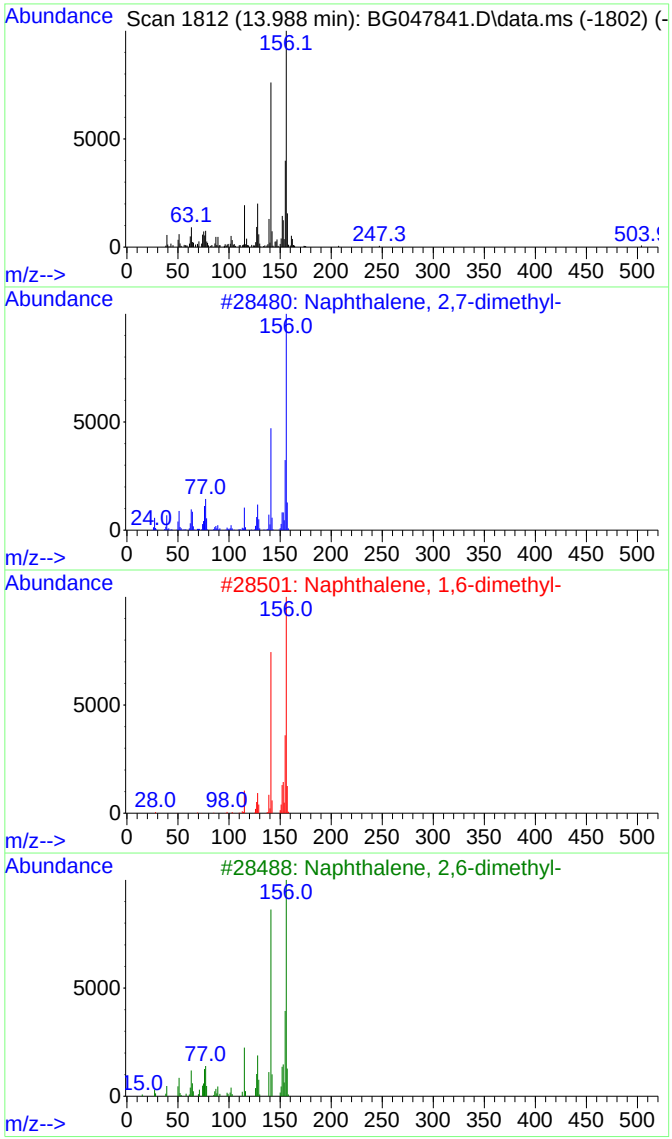
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

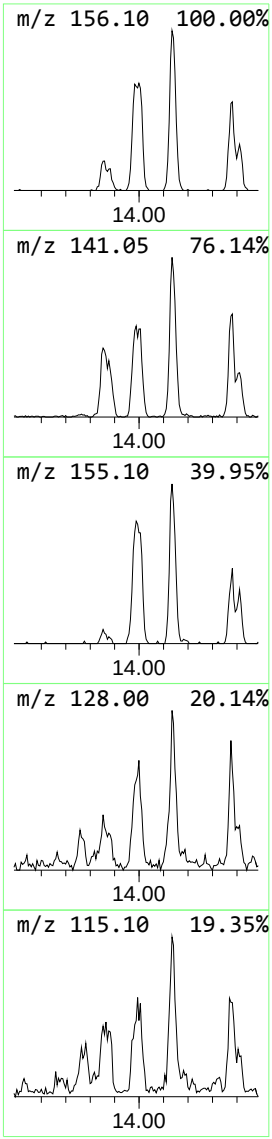
****

Peak Number 14 Naphthalene, 2,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.988	15.78 ng	436336	Acenaphthene-d10	14.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	87
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	87





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Data File : BG047841.D
Acq On : 29 Dec 2020 18:19
Operator : CG/JU
Sample : L5227-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C4-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

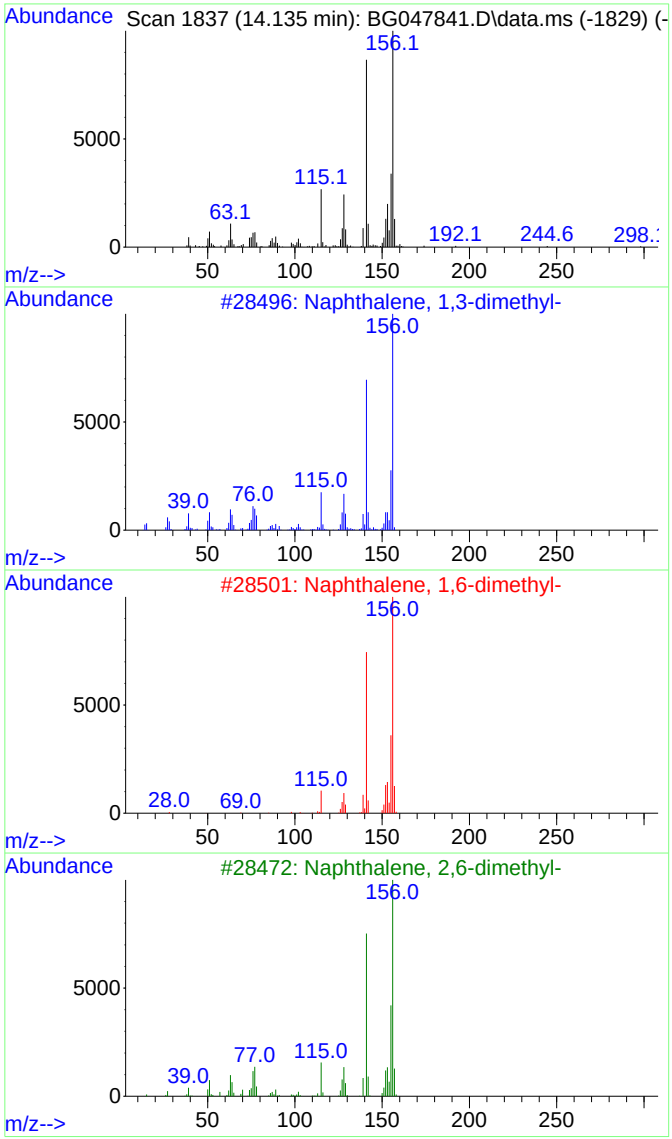
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

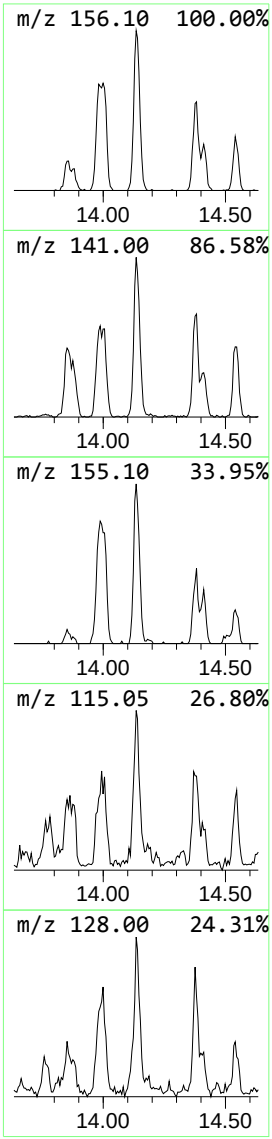
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.135	16.05 ng	443874	Acenaphthene-d10	14.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
Data File : BG047841.D
Acq On : 29 Dec 2020 18:19
Operator : CG/JU
Sample : L5227-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C4-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.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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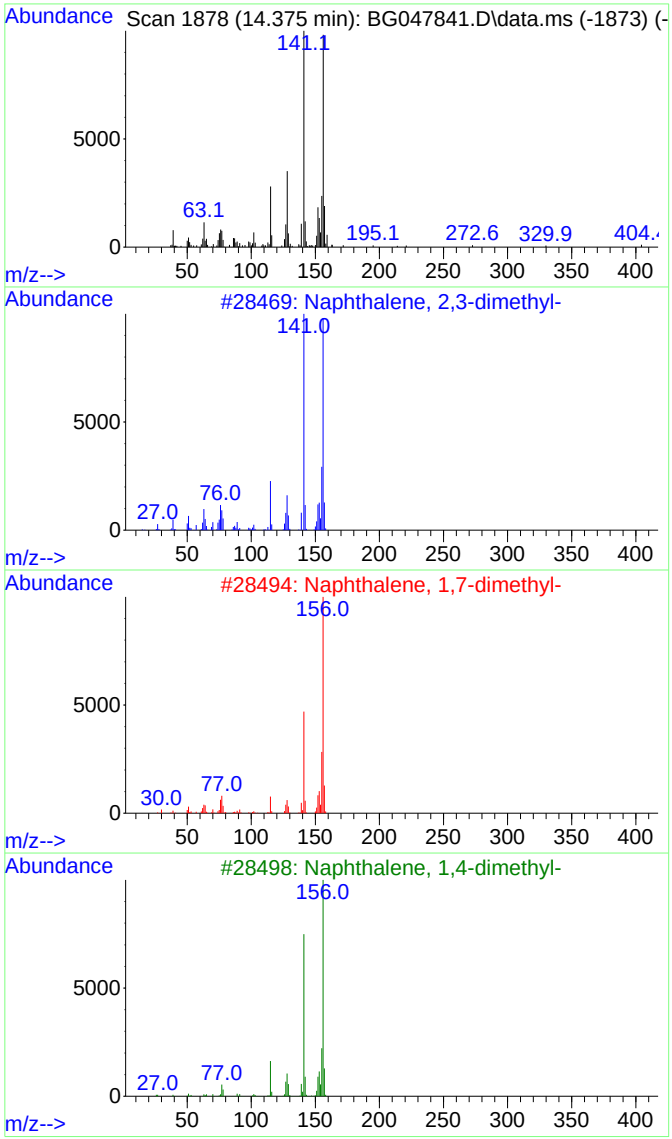
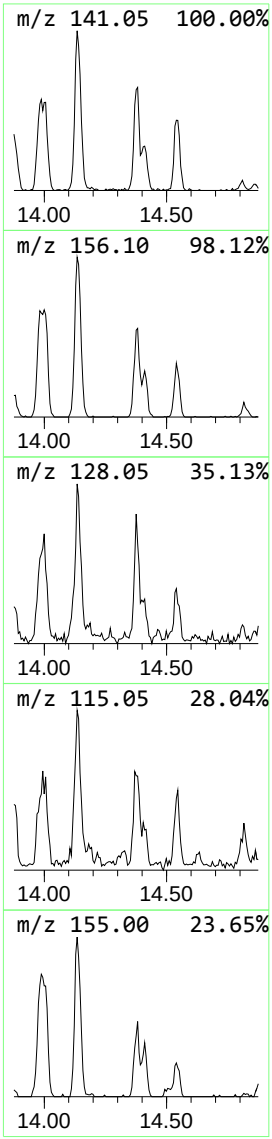
Peak Number 16 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.376	8.41 ng	232588	Acenaphthene-d10	14.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93





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Acq On : 29 Dec 2020 18:19
Operator : CG/JU
Sample : L5227-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OWL-C4-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.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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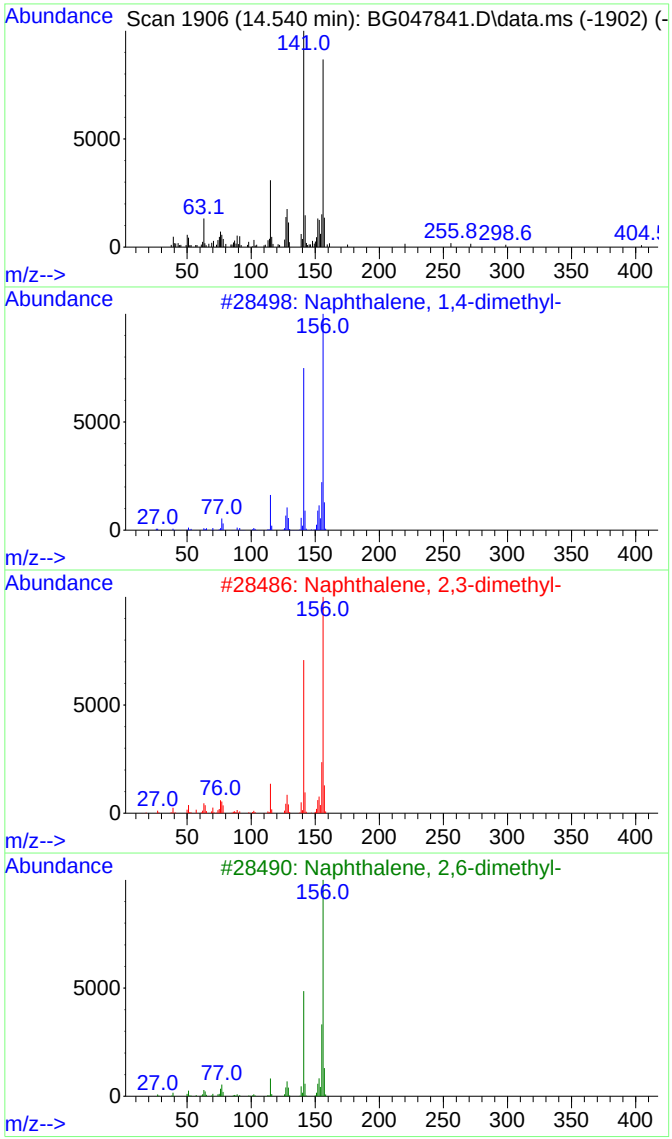
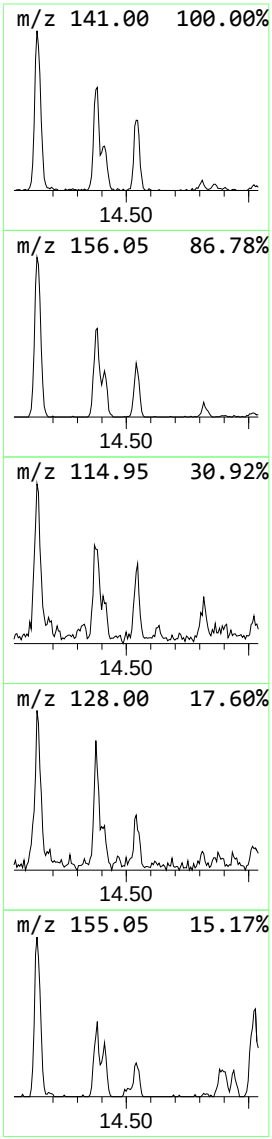
Peak Number 17 Naphthalene, 1,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.540	5.22 ng	144247	Acenaphthene-d10	14.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93





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Operator : CG/JU
Sample : L5227-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C4-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.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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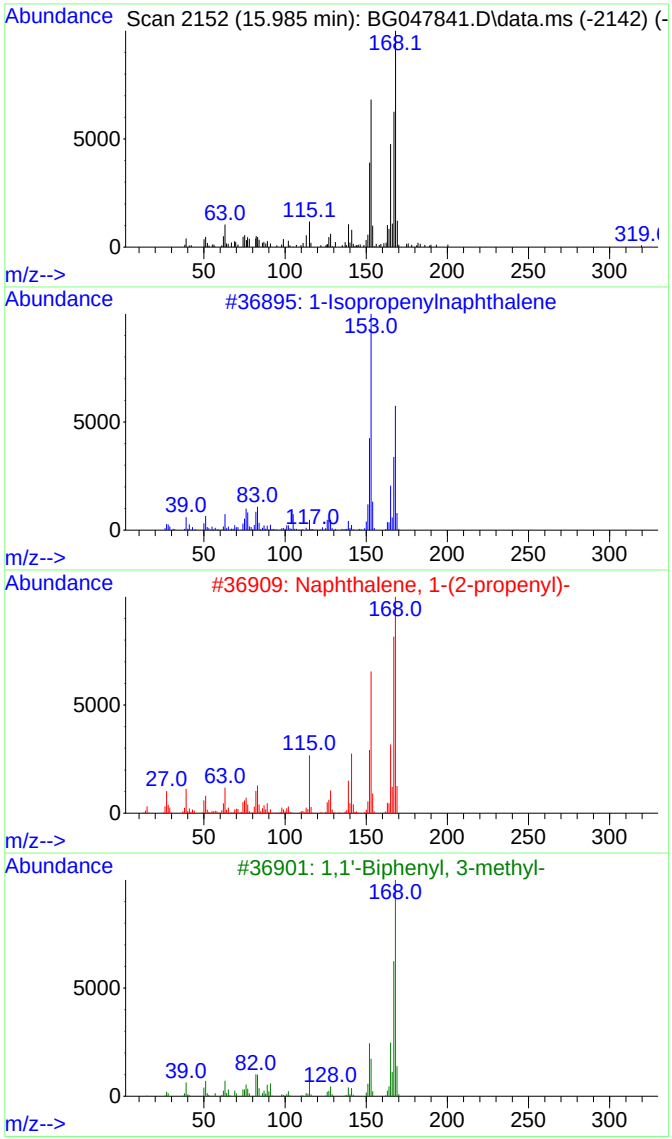
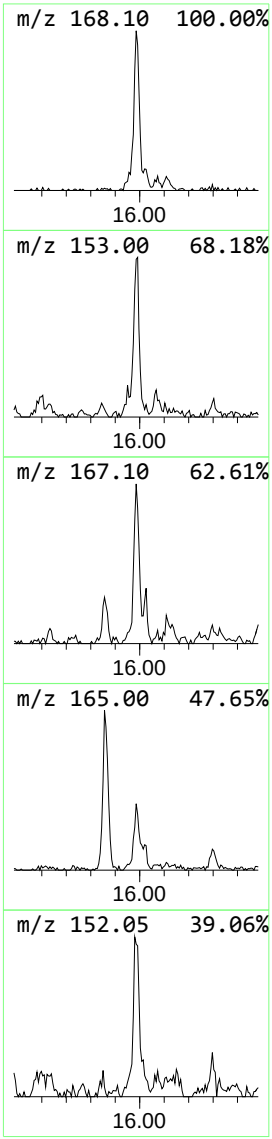
Peak Number 18 1-Isopropenylnaphthalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.985	7.65 ng	211617	Acenaphthene-d10	14.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	90
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	76
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	62
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	60
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
Data File : BG047841.D
Acq On : 29 Dec 2020 18:19
Operator : CG/JU
Sample : L5227-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OWL-C4-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

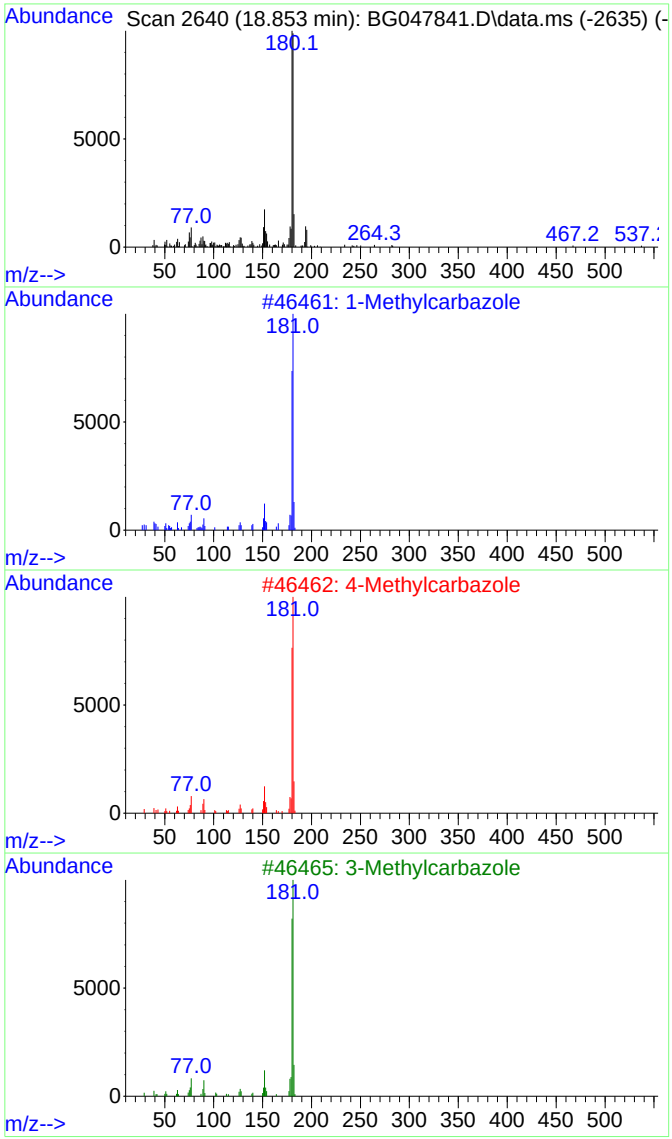
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

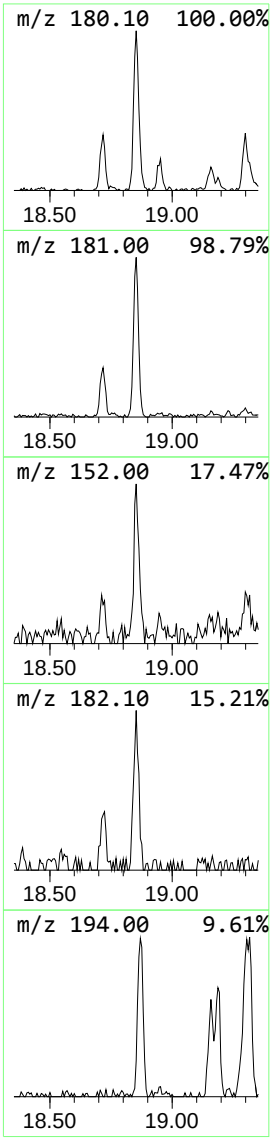
****

Peak Number 19 1-Methylcarbazole Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.853	7.01 ng	214529	Phenanthrene-d10	17.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylcarbazole	181	C13H11N	006510-65-2	93
2	4-Methylcarbazole	181	C13H11N	003770-48-7	93
3	3-Methylcarbazole	181	C13H11N	004630-20-0	93
4	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	90
5	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
Data File : BG047841.D
Acq On : 29 Dec 2020 18:19
Operator : CG/JU
Sample : L5227-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C4-GW

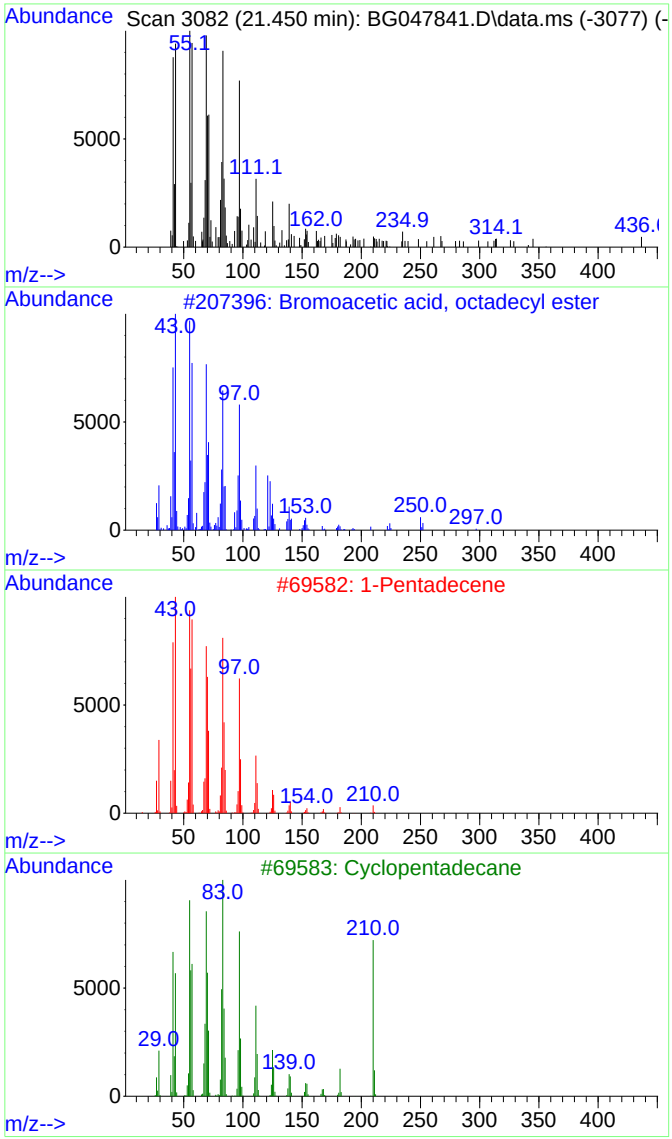
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

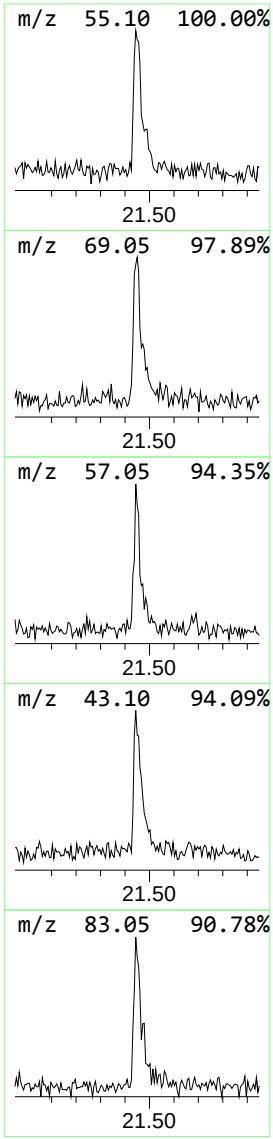
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Bromoacetic acid, octadecyl... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.450	5.49 ng	180828	Chrysene-d12	21.826

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	90
2	1-Pentadecene	210	C15H30	013360-61-7	89
3	Cyclopentadecane	210	C15H30	000295-48-7	87
4	Cyclohexadecane	224	C16H32	000295-65-8	87
5	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
Data File : BG047841.D
Acq On : 29 Dec 2020 18:19
Operator : CG/JU
Sample : L5227-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C4-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.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
Benzene, 1,2-di...	8.688	5.3	ng	71965	1	8.200	271884	20.0
Benzene, 1-ethy...	9.311	16.9	ng	229196	1	8.200	271884	20.0
Benzene, 1,2,4,...	9.840	6.3	ng	141503	2	11.027	451824	20.0
3-Phenylbut-1-ene	10.263	5.3	ng	119852	2	11.027	451824	20.0
Benzene, 2-ethe...	10.415	28.1	ng	634474	2	11.027	451824	20.0
Benzene, 1-meth...	11.132	5.9	ng	133029	2	11.027	451824	20.0
Naphthalene, 1,...	11.491	6.4	ng	144485	2	11.027	451824	20.0
Benzene, (2-met...	11.602	6.7	ng	150158	2	11.027	451824	20.0
1H-Indene, 2,3-...	11.931	6.1	ng	137177	2	11.027	451824	20.0
1H-Indene, 2,3-...	12.125	7.1	ng	159926	2	11.027	451824	20.0
Naphthalene, 1,...	12.202	5.5	ng	124404	2	11.027	451824	20.0
Naphthalene, 1,...	12.554	14.1	ng	317406	2	11.027	451824	20.0
Benzene, 4-(2-b...	13.770	5.8	ng	159696	3	14.822	553121	20.0
Naphthalene, 2,...	13.988	15.8	ng	436336	3	14.822	553121	20.0
Naphthalene, 1,...	14.135	16.1	ng	443874	3	14.822	553121	20.0
Naphthalene, 2,...	14.376	8.4	ng	232588	3	14.822	553121	20.0
Naphthalene, 1,...	14.540	5.2	ng	144247	3	14.822	553121	20.0
1-Isopropenylna...	15.985	7.7	ng	211617	3	14.822	553121	20.0
1-Methylcarbazole	18.853	7.0	ng	214529	4	17.554	612022	20.0
Bromoacetic aci...	21.450	5.5	ng	180828	5	21.826	658784	20.0