LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
Data File : BG053649.D
Acq On : 20 May 2022 18:25
Operator : CG/JU
Sample : N2960-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BIN-4-SP-1

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-BG050522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053649.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.637	376	383	390	rBV	539208	900877	57.78%	2.992%
2	5.702	390	394	411	rVB5	49666	161497	10.36%	0.536%
3	6.072	451	457	464	rVB4	49751	105697	6.78%	0.351%
4	6.330	495	501	514	rBV4	49359	123879	7.95%	0.411%
5	6.448	514	521	531	rVB2	39100	92585	5.94%	0.307%
6	6.701	554	564	573	rVB5	49351	130352	8.36%	0.433%
7	6.953	599	607	613	rBV6	40991	111518	7.15%	0.370%
8	7.053	613	624	629	rVV2	161209	331532	21.26%	1.101%
9	7.106	629	633	637	rVV	78353	121538	7.80%	0.404%
10	7.235	646	655	661	rVV	557424	1188465	76.23%	3.947%
11	7.282	661	663	673	rVB2	106950	180383	11.57%	0.599%
12	7.452	687	692	699	rVB	86082	148839	9.55%	0.494%
13	7.711	733	736	742	rVB	84539	121573	7.80%	0.404%
14	8.063	787	796	801	rVV4	106559	309542	19.85%	1.028%
15	8.187	812	817	824	rBV2	86215	151006	9.69%	0.501%
16	8.304	832	837	843	rBV4	33773	89153	5.72%	0.296%
17	8.445	853	861	866	rBV	165245	297840	19.10%	0.989%
18	8.557	875	880	884	rBV2	79525	140166	8.99%	0.465%
19	8.610	884	889	894	rVV4	81488	199187	12.78%	0.661%
20	8.710	900	906	919	rVB5	184247	458161	29.39%	1.522%
21	8.827	920	926	930	rBV3	55139	98488	6.32%	0.327%
22	9.174	975	985	990	rBV2	361188	654869	42.00%	2.175%
23	9.232	990	995	1010	rVB3	331299	984301	63.13%	3.269%
24	9.420	1017	1027	1036	rBV7	67866	189086	12.13%	0.628%
25	9.520	1036	1044	1047	rBV3	51161	130021	8.34%	0.432%
26	9.702	1070	1075	1080	rVV	220588	378103	24.25%	1.256%
27	9.755	1080	1084	1089	rVV3	63487	128965	8.27%	0.428%
28	9.955	1109	1118	1122	rBV3	86945	176741	11.34%	0.587%
29	10.002	1122	1126	1130	rVV3	68324	111722	7.17%	0.371%
30	10.067	1130	1137	1142	rVV6	115158	248467	15.94%	0.825%
31	10.125	1142	1147	1158	rVV2	184066	459296	29.46%	1.525%
32	10.219	1158	1163	1167	rVV3	77877	136748	8.77%	0.454%
33	10.272	1167	1172	1180	rVV3	369663	783955	50.28%	2.603%
34	10.343	1180	1184	1188	rVV3	78165	135563	8.70%	0.450%
35	10.396	1189	1193	1197	rVV	56938	100978	6.48%	0.335%
36	10.454	1197	1203	1208	rVV4	93693	186175	11.94%	0.618%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
Data File : BG053649.D
Acq On : 20 May 2022 18:25
Operator : CG/JU
Sample : N2960-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BIN-4-SP-1

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-BG050522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.572	1218	1223	1232	rVB	102314	186652	11.97%	0.620%
38	10.795	1248	1261	1263	rBV6	79433	243330	15.61%	0.808%
39	10.854	1263	1271	1278	rVV3	294625	1006298	64.55%	3.342%
40	10.924	1278	1283	1290	rVV3	230392	583776	37.44%	1.939%
41	10.989	1290	1294	1298	rVV2	171744	322210	20.67%	1.070%
42	11.030	1298	1301	1306	rVV	162450	228425	14.65%	0.759%
43	11.089	1306	1311	1319	rVV3	111536	203617	13.06%	0.676%
44	11.365	1352	1358	1364	rVB7	41038	98113	6.29%	0.326%
45	11.535	1383	1387	1390	rBV2	79994	121099	7.77%	0.402%
46	11.582	1391	1395	1401	rVB6	98351	202274	12.97%	0.672%
47	11.641	1401	1405	1411	rVB3	53560	113587	7.29%	0.377%
48	11.706	1411	1416	1424	rVB4	78289	147156	9.44%	0.489%
49	11.788	1424	1430	1437	rBV2	210836	401285	25.74%	1.333%
50	11.894	1442	1448	1452	rBV	195302	328688	21.08%	1.092%
51	11.982	1458	1463	1468	rVB	123338	220238	14.13%	0.731%
52	12.070	1473	1478	1484	rBV6	65554	148688	9.54%	0.494%
53	12.275	1505	1513	1519	rBV5	121250	347646	22.30%	1.155%
54	12.499	1546	1551	1553	rBV4	54611	94000	6.03%	0.312%
55	12.528	1553	1556	1563	rVB	149863	241699	15.50%	0.803%
56	12.745	1586	1593	1601	rVB2	149684	300616	19.28%	0.998%
57	12.969	1625	1631	1636	rVV7	44957	107528	6.90%	0.357%
58	13.227	1670	1675	1681	rVB	228283	346381	22.22%	1.150%
59	13.315	1684	1690	1697	rVB	753829	1195255	76.67%	3.969%
60	13.503	1716	1722	1726	rBV8	60295	157890	10.13%	0.524%
61	13.856	1774	1782	1793	rBV3	92565	322942	20.71%	1.072%
62	14.020	1804	1810	1815	rVV	182641	364369	23.37%	1.210%
63	14.073	1815	1819	1823	rVV2	122393	184390	11.83%	0.612%
64	14.120	1823	1827	1831	rVV3	130682	244330	15.67%	0.811%
65	14.167	1831	1835	1840	rVB	323049	448274	28.75%	1.489%
66	14.431	1876	1880	1888	rVV10	53719	136083	8.73%	0.452%
67	14.525	1892	1896	1901	rVB3	130667	200116	12.84%	0.665%
68	14.660	1914	1919	1921	rBV4	84687	149228	9.57%	0.496%
69	14.696	1921	1925	1931	rVV	258625	412591	26.46%	1.370%
70	14.778	1931	1939	1944	rVV5	50893	134813	8.65%	0.448%
71	14.913	1956	1962	1968	rVB3	91874	228521	14.66%	0.759%
72	15.089	1987	1992	1998	rVV2	175696	292506	18.76%	0.971%
73	15.166	2001	2005	2008	rVV	110104	154427	9.91%	0.513%
74	15.207	2008	2012	2020	rVB5	84098	154854	9.93%	0.514%
75	15.312	2025	2030	2034	rBV	117507	203726	13.07%	0.677%
76	15.359	2035	2038	2042	rVB2	75704	101320	6.50%	0.336%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
Data File : BG053649.D
Acq On : 20 May 2022 18:25
Operator : CG/JU
Sample : N2960-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BIN-4-SP-1

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-BG050522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.477	2053	2058	2062	rBV6	85567	172875	11.09%	0.574%
78	15.735	2098	2102	2106	rBV3	77229	134203	8.61%	0.446%
79	15.935	2128	2136	2145	rVB2	259780	523885	33.60%	1.740%
80	16.188	2174	2179	2185	rVB	553171	876668	56.23%	2.911%
81	16.417	2212	2218	2224	rVB	533973	779129	49.97%	2.587%
82	16.793	2279	2282	2288	rVB5	83585	116239	7.46%	0.386%
83	17.233	2353	2357	2361	rBV	196838	273916	17.57%	0.910%
84	17.439	2387	2392	2396	rBV	279445	463102	29.70%	1.538%
85	17.480	2396	2399	2408	rVB	182487	296980	19.05%	0.986%
86	17.838	2456	2460	2466	rBV3	82129	145365	9.32%	0.483%
87	18.320	2538	2542	2546	rBV2	110202	180786	11.60%	0.600%
88	18.367	2547	2550	2555	rVB2	100700	145976	9.36%	0.485%
89	18.514	2570	2575	2579	rBV2	85410	147146	9.44%	0.489%
90	19.231	2693	2697	2702	rBV2	88905	129486	8.31%	0.430%
91	19.495	2737	2742	2746	rBV	253270	360582	23.13%	1.197%
92	19.853	2799	2803	2812	rVB	298717	459013	29.44%	1.524%
93	20.047	2830	2836	2841	rVB	1167068	1559060	100.00%	5.178%
94	20.341	2883	2886	2891	rVB2	82201	126256	8.10%	0.419%
95	21.340	3053	3056	3061	rVB4	69693	97251	6.24%	0.323%
96	21.721	3113	3121	3126	rBV3	295328	668614	42.89%	2.220%
97	23.954	3495	3501	3508	rBV2	74190	213271	13.68%	0.708%
98	24.688	3622	3626	3634	rVB2	58746	135667	8.70%	0.451%
99	24.835	3645	3651	3662	rVB2	85948	257396	16.51%	0.855%
100	24.988	3669	3677	3687	rBV2	175686	502732	32.25%	1.670%

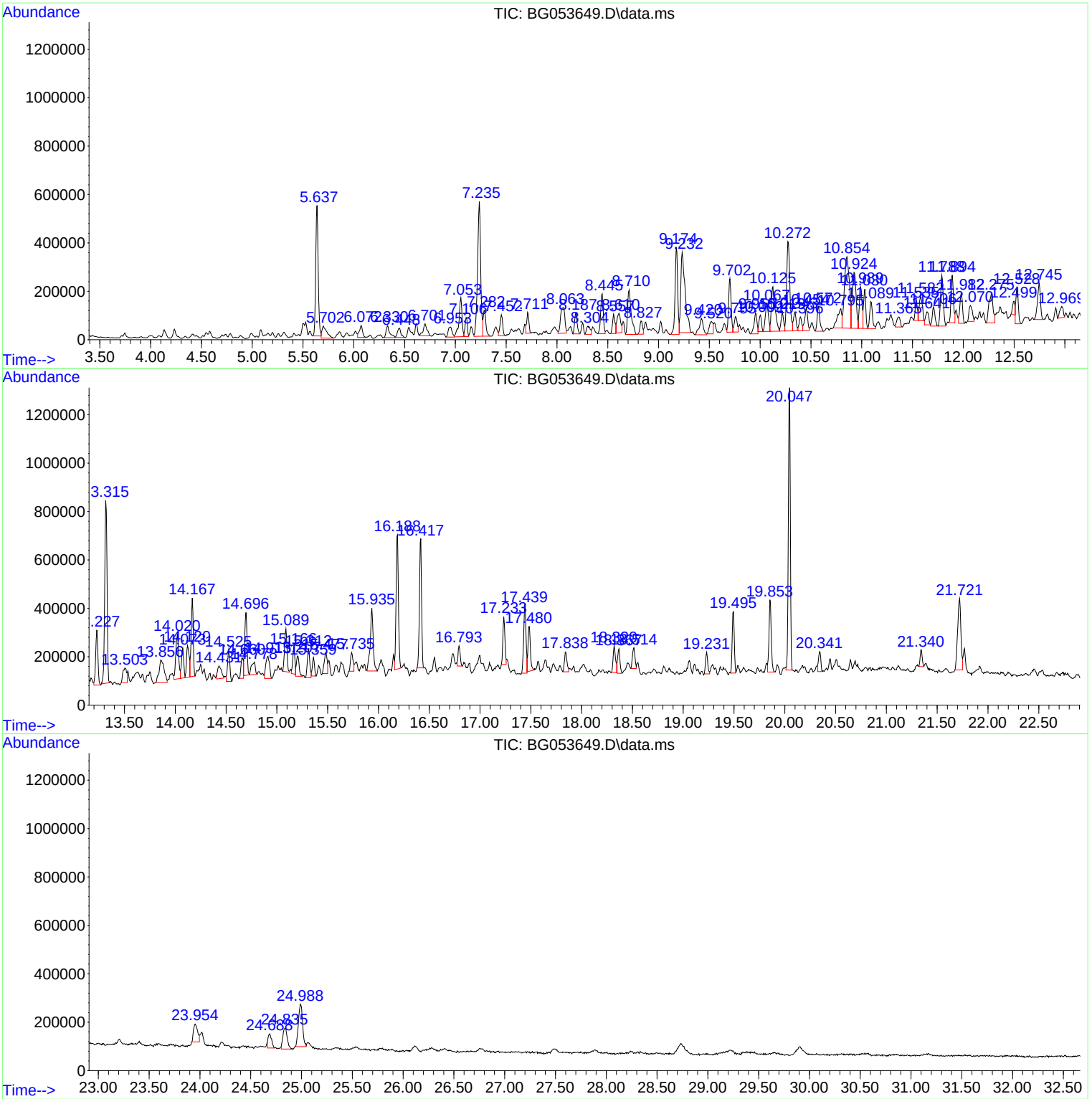
Sum of corrected areas: 30111807

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
Data File : BG053649.D
Acq On : 20 May 2022 18:25
Operator : CG/JU
Sample : N2960-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BIN-4-SP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
Data File : BG053649.D
Acq On : 20 May 2022 18:25
Operator : CG/JU
Sample : N2960-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BIN-4-SP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

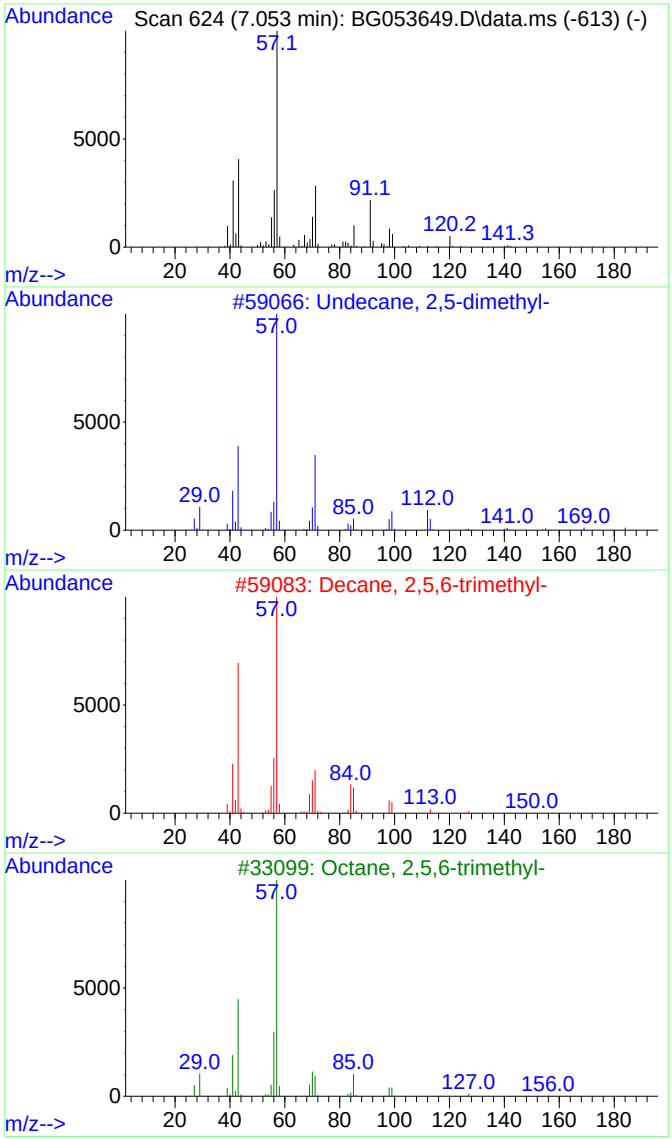
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

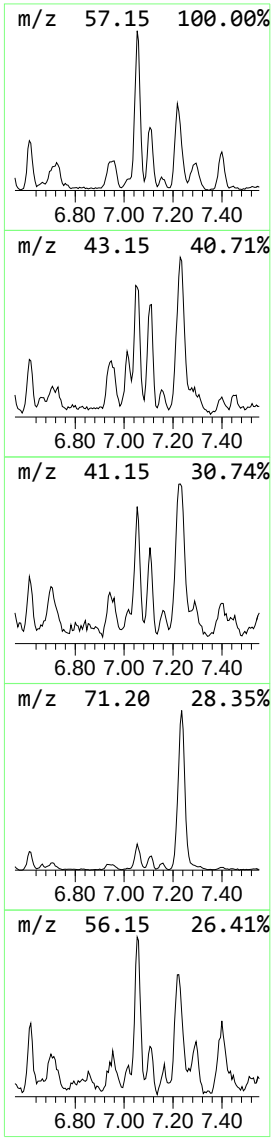
****

Peak Number 2 Undecane, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.053	21.42 ng	331532	1,4-Dichlorobenzene-d4	8.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	59
2	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	59
3	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	59
4	Octane, 4-ethyl-	142	C10H22	015869-86-0	53
5	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
Data File : BG053649.D
Acq On : 20 May 2022 18:25
Operator : CG/JU
Sample : N2960-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BIN-4-SP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

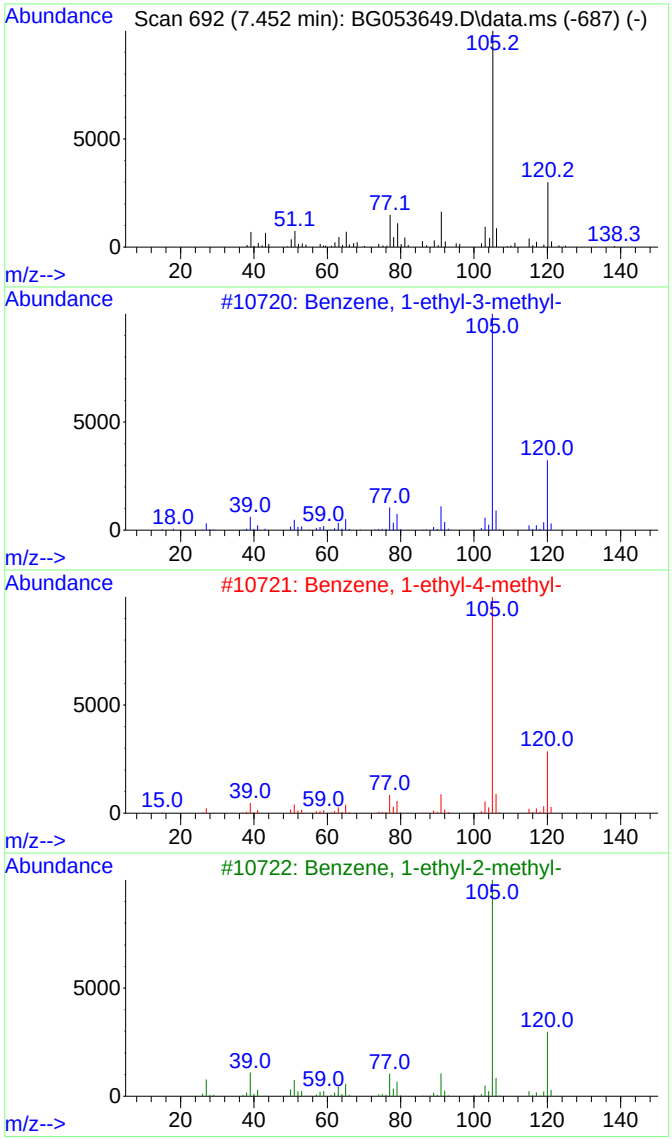
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

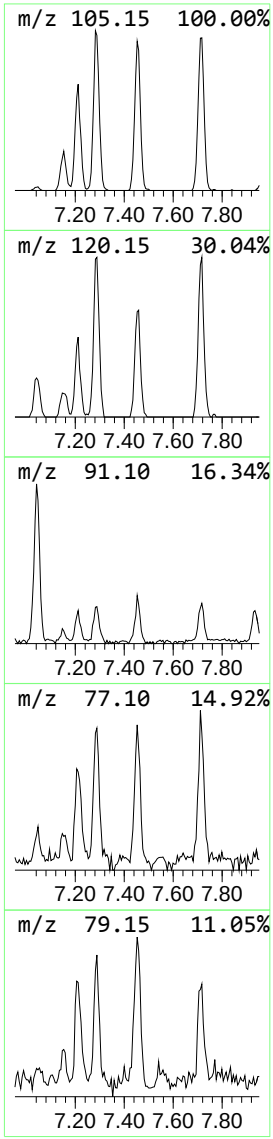
****

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.452	9.62 ng	148839	1,4-Dichlorobenzene-d4	8.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
Data File : BG053649.D
Acq On : 20 May 2022 18:25
Operator : CG/JU
Sample : N2960-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BIN-4-SP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

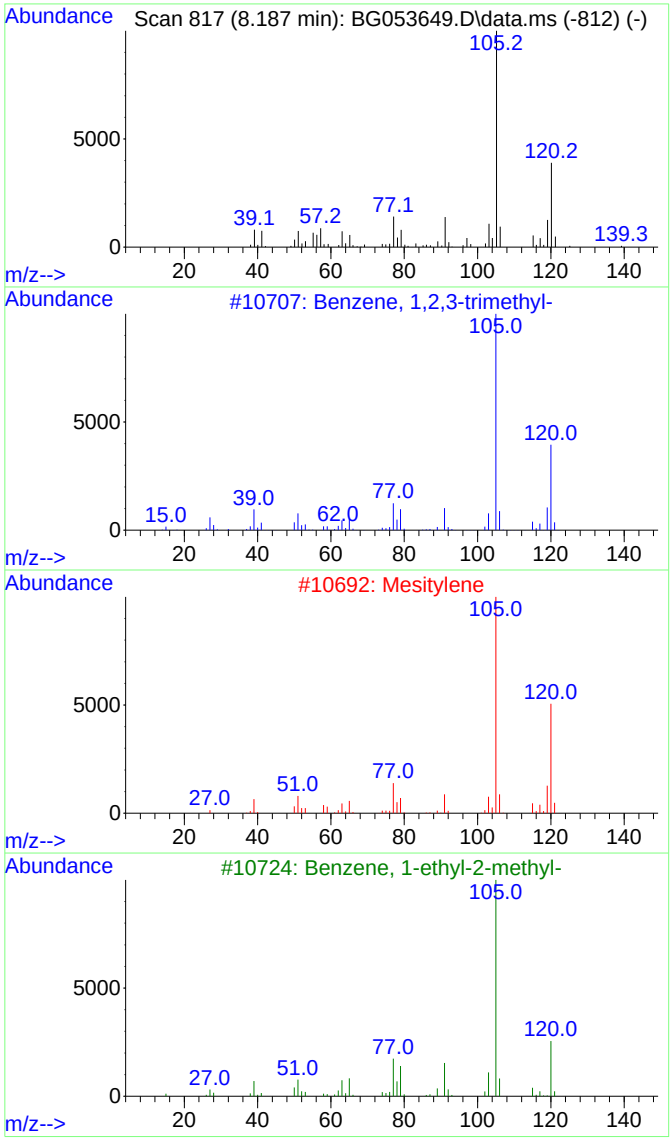
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

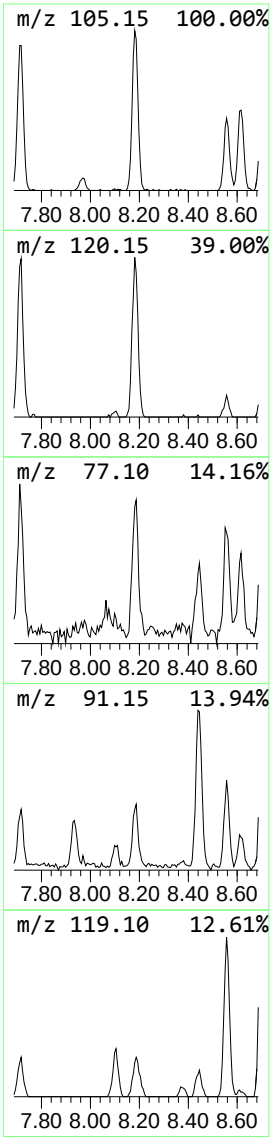
****

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.187	9.76 ng	151006	1,4-Dichlorobenzene-d4	8.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
Data File : BG053649.D
Acq On : 20 May 2022 18:25
Operator : CG/JU
Sample : N2960-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BIN-4-SP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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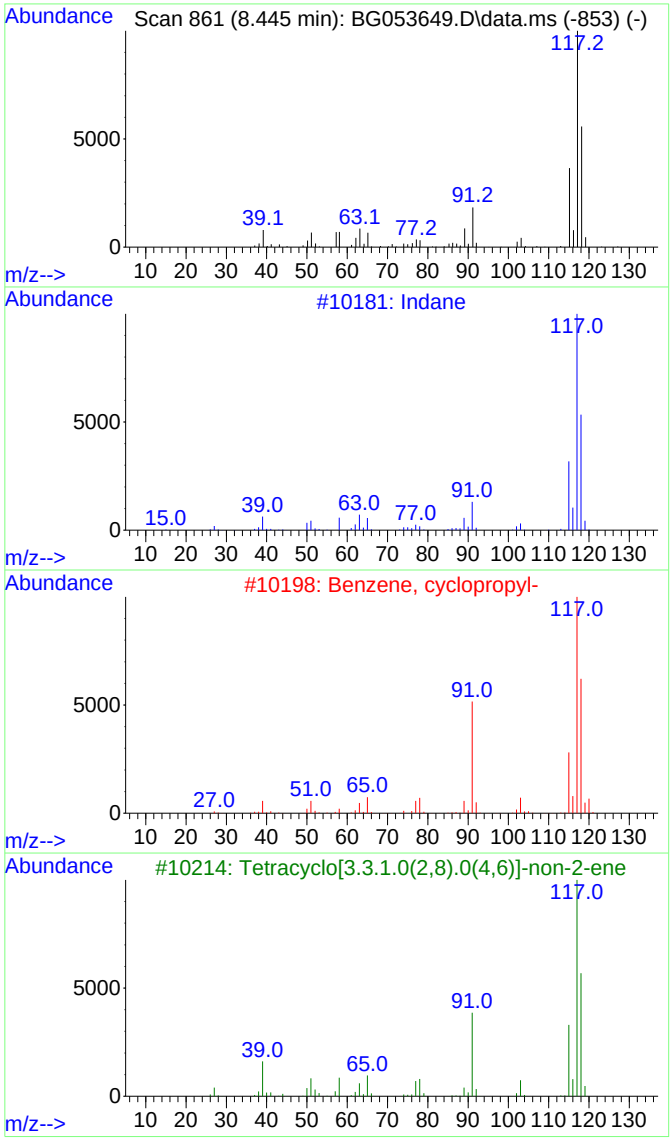
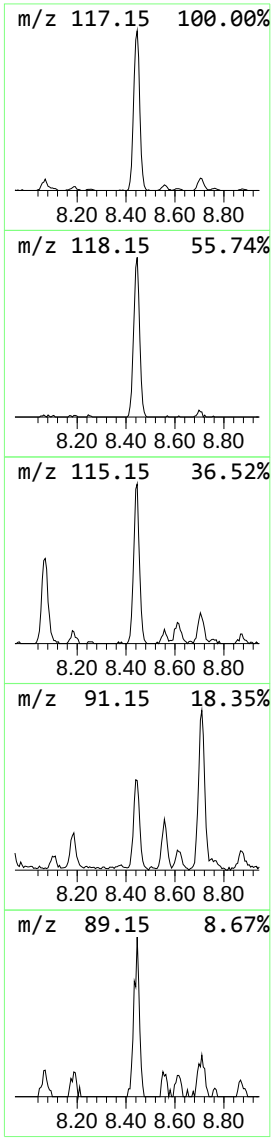
Peak Number 5 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.445	19.24 ng	297840	1,4-Dichlorobenzene-d4	8.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	72
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
Data File : BG053649.D
Acq On : 20 May 2022 18:25
Operator : CG/JU
Sample : N2960-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BIN-4-SP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

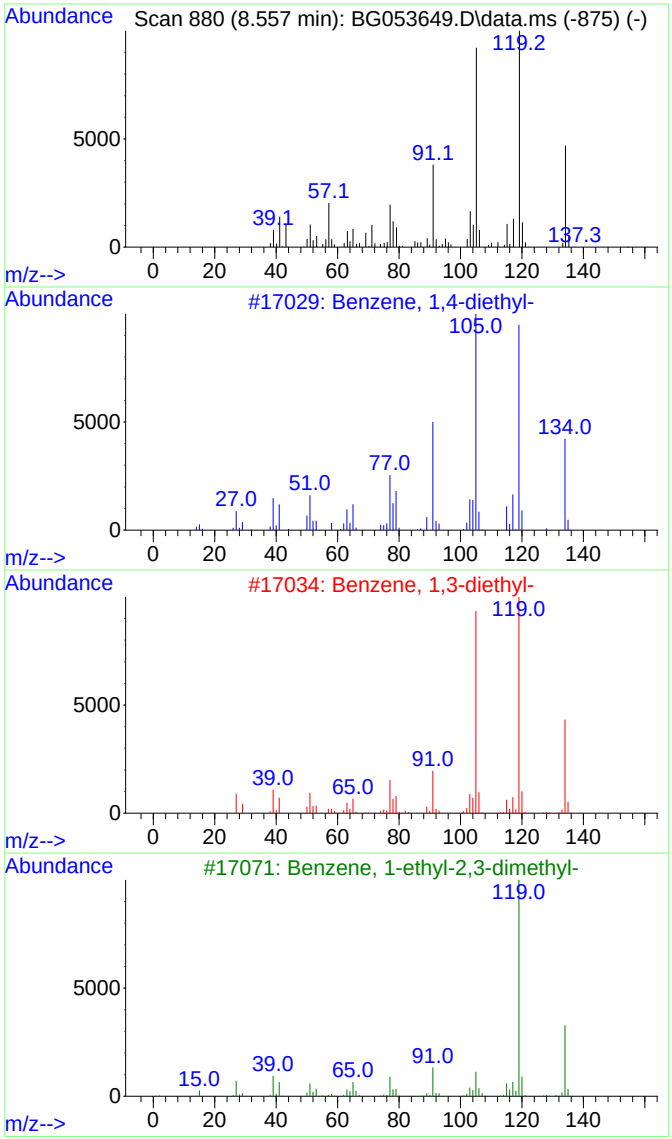
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

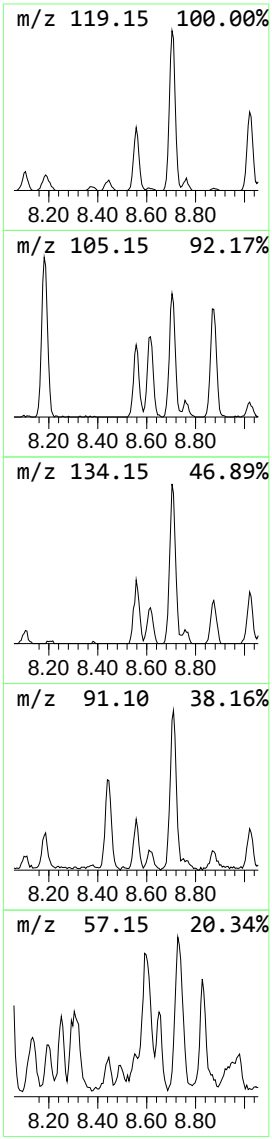
****

Peak Number 6 Benzene, 1,4-diethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.557	9.06 ng	140166	1,4-Dichlorobenzene-d4	8.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
4	o-Cymene	134	C10H14	000527-84-4	87
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
Data File : BG053649.D
Acq On : 20 May 2022 18:25
Operator : CG/JU
Sample : N2960-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BIN-4-SP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

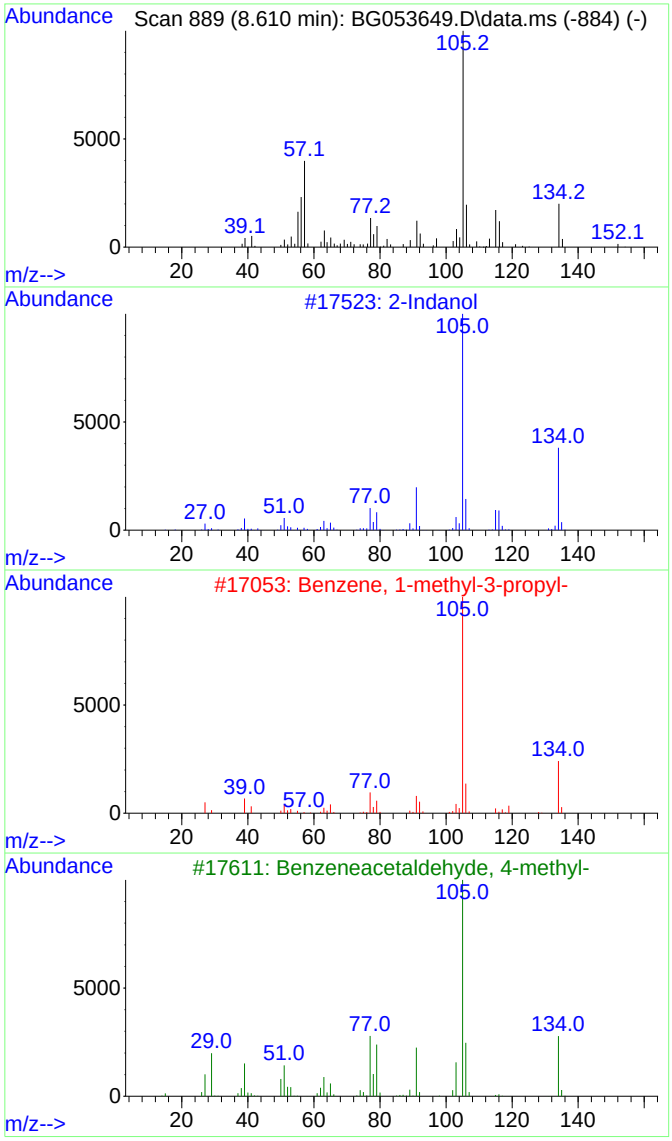
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

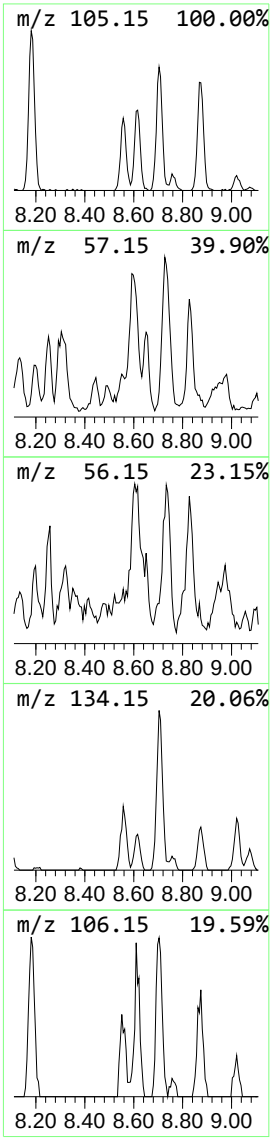
****

Peak Number 7 2-Indanol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.610	12.87 ng	199187	1,4-Dichlorobenzene-d4	8.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Indanol	134	C9H10O	004254-29-9	81
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	60
3	Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	45
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	45
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	43





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Operator : CG/JU
Sample : N2960-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BIN-4-SP-1

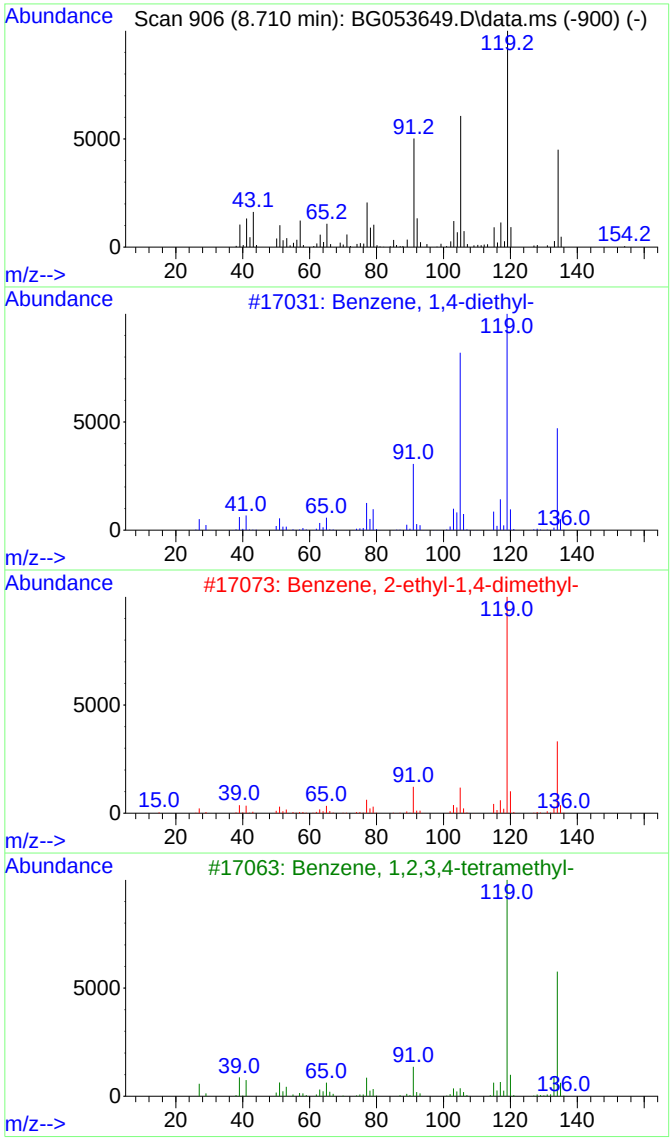
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

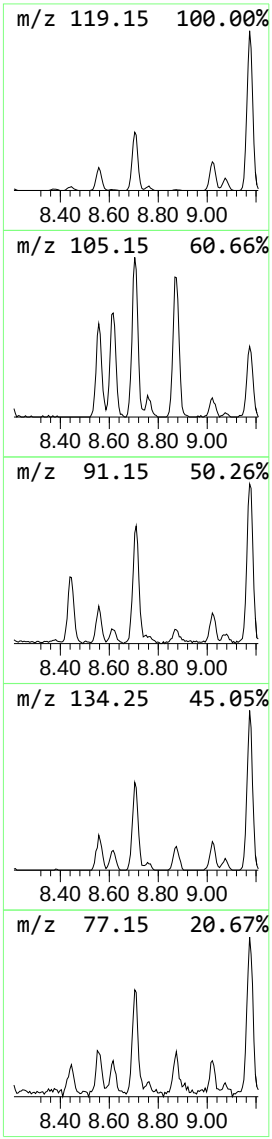
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.710	29.60 ng	458161	1,4-Dichlorobenzene-d4	8.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
4	o-Cymene	134	C10H14	000527-84-4	90
5	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	90





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Sample : N2960-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BIN-4-SP-1

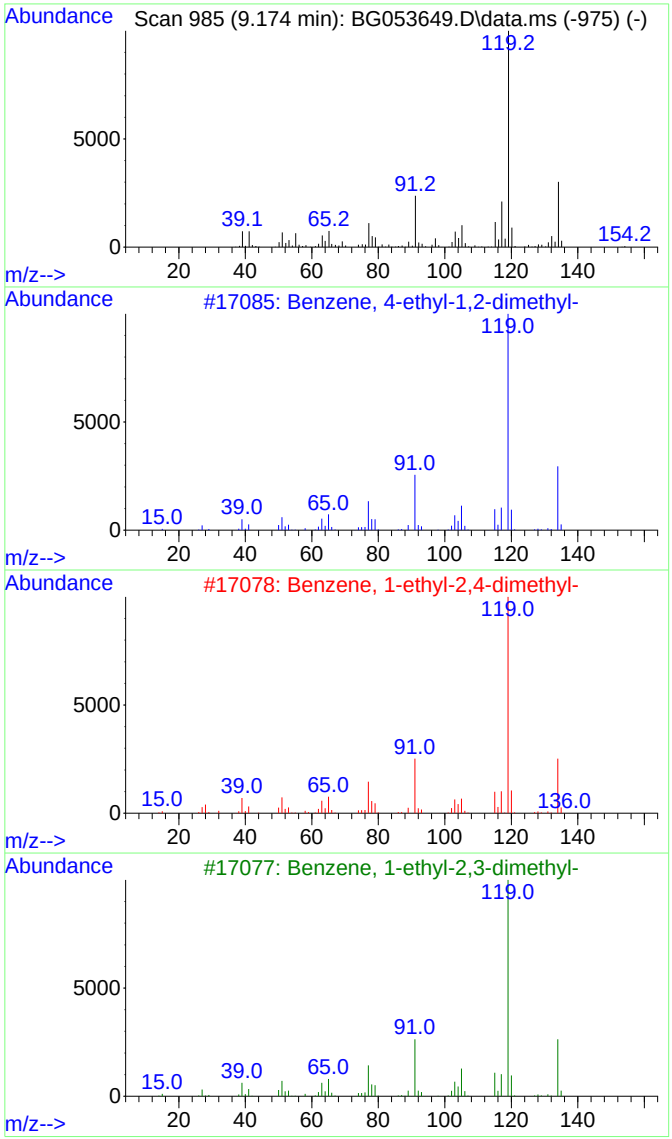
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

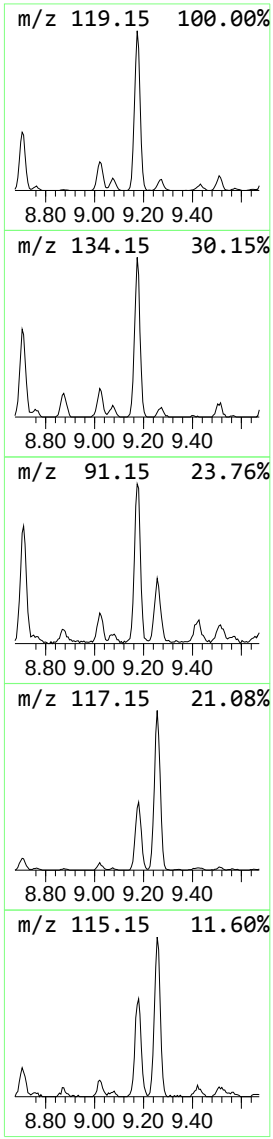
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.174	42.31 ng	654869	1,4-Dichlorobenzene-d4	8.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4	p-Cymene	134	C10H14	000099-87-6	90
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87





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Acq On : 20 May 2022 18:25
Operator : CG/JU
Sample : N2960-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BIN-4-SP-1

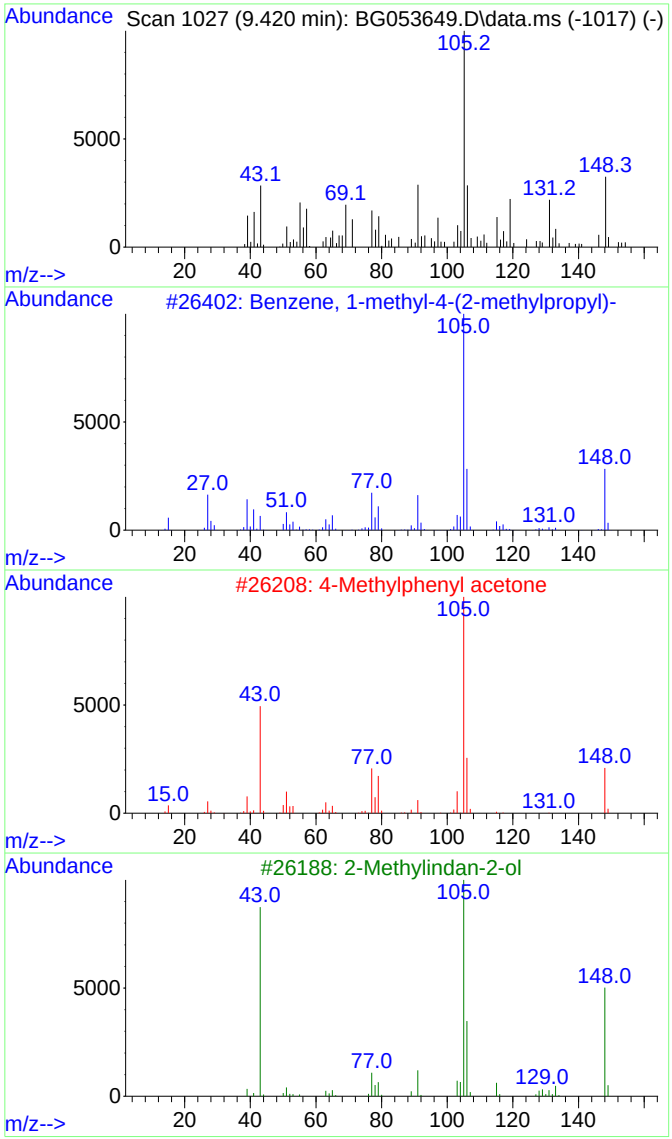
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

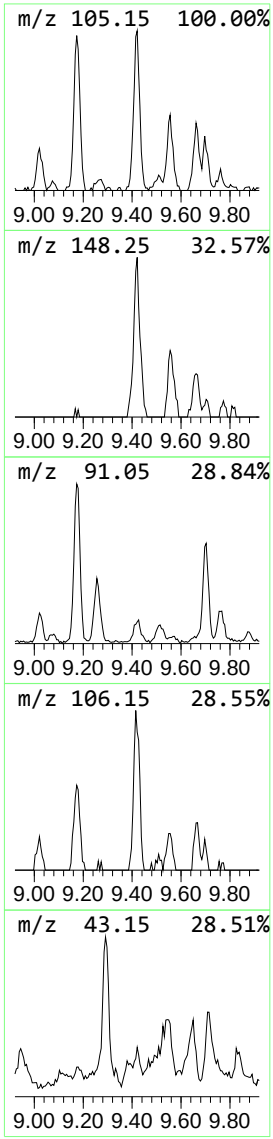
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-methyl-4-(2-meth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.420	12.22 ng	189086	1,4-Dichlorobenzene-d4	8.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	60
2	4-Methylphenyl acetone	148	C10H12O	002096-86-8	49
3	2-Methylindan-2-ol	148	C10H12O	033223-84-6	47
4	2-Butanone, 4-phenyl-	148	C10H12O	002550-26-7	42
5	Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	38





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Acq On : 20 May 2022 18:25
Operator : CG/JU
Sample : N2960-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BIN-4-SP-1

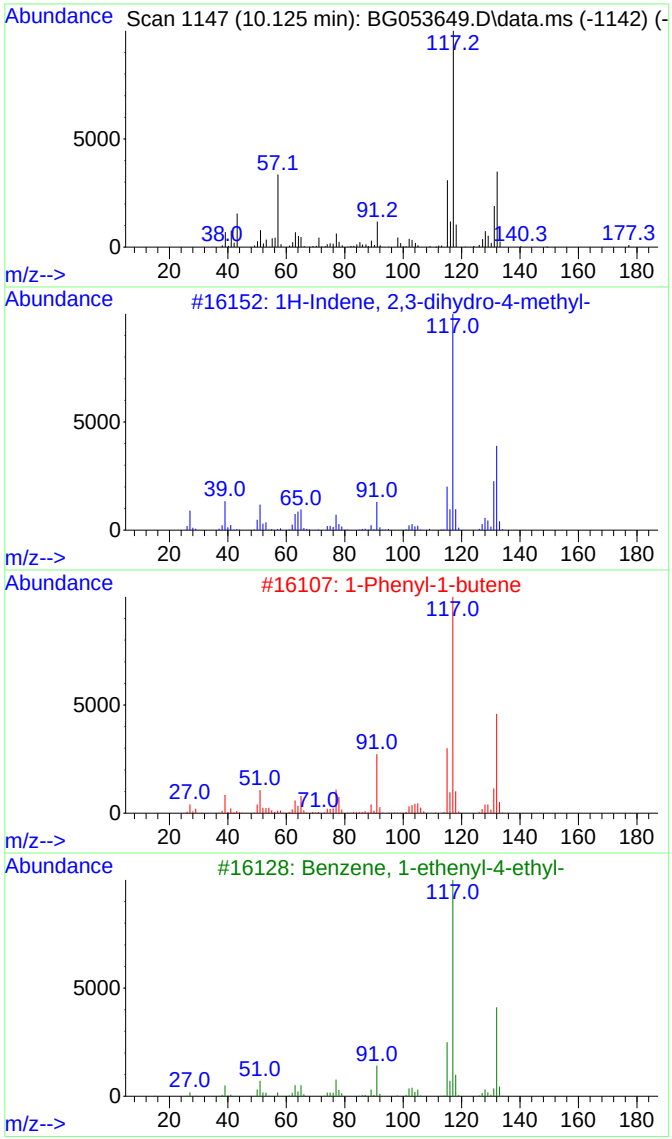
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

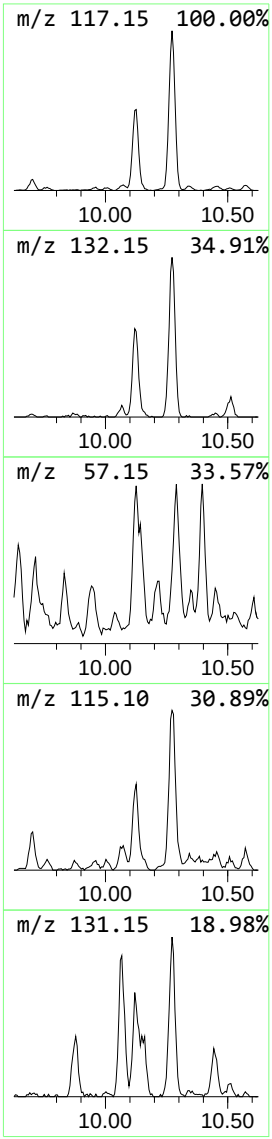
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.125	9.13 ng	459296	Naphthalene-d8	10.877

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	83
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	83
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	83
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	80
5	Indan, 1-methyl-	132	C10H12	000767-58-8	80





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Acq On : 20 May 2022 18:25
Operator : CG/JU
Sample : N2960-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BIN-4-SP-1

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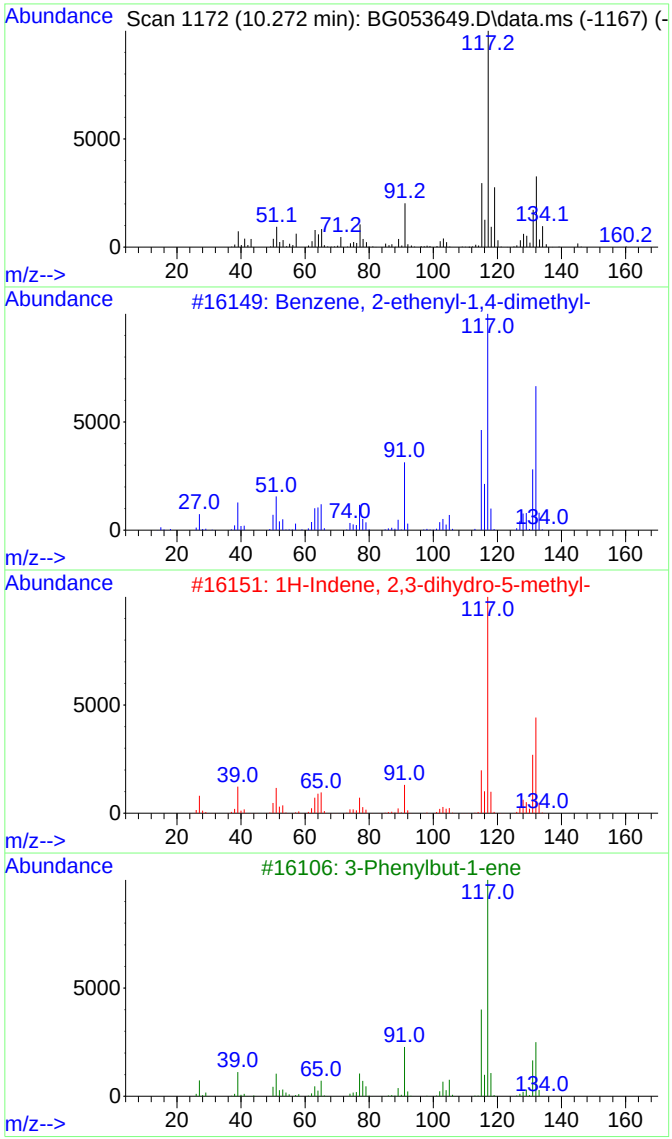
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

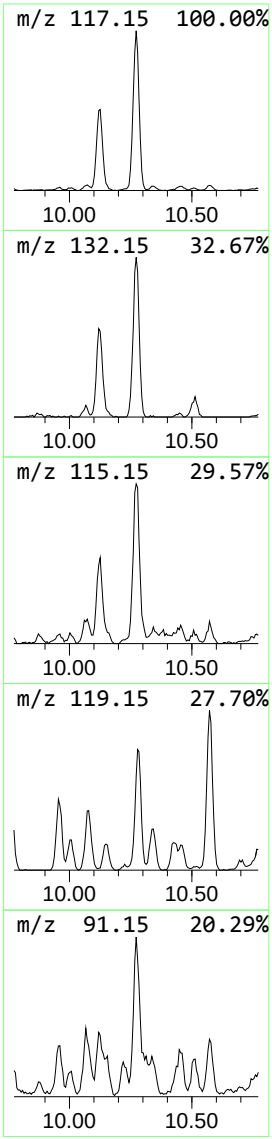
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.272	15.58 ng	783955	Naphthalene-d8	10.877

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	89
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	87
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87





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Sample : N2960-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BIN-4-SP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

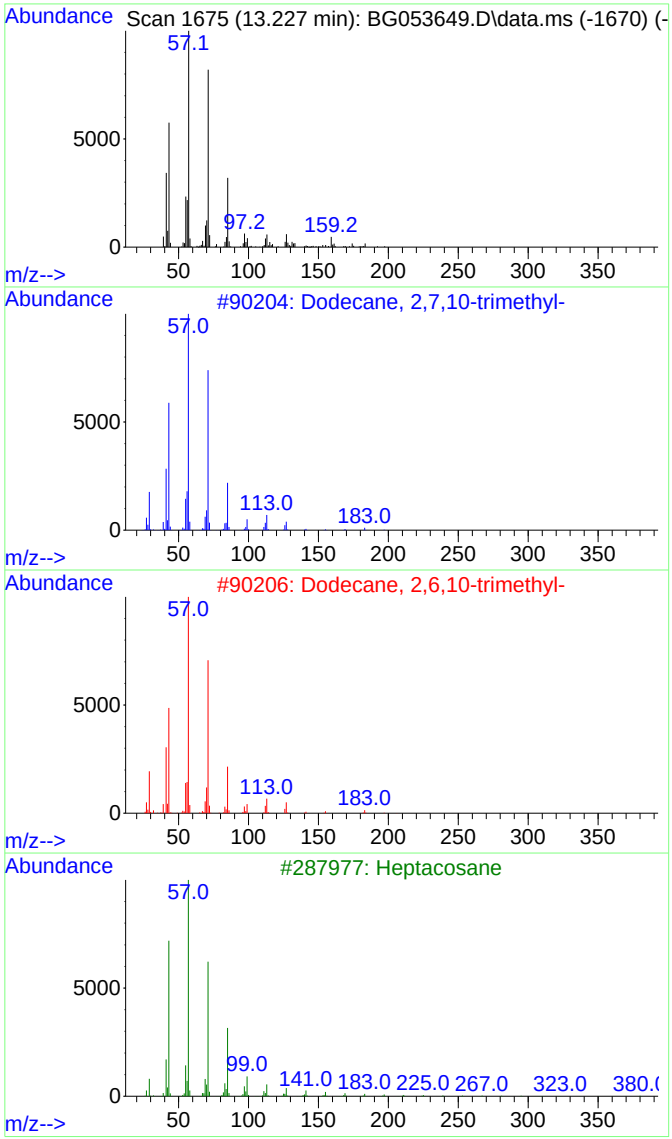
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

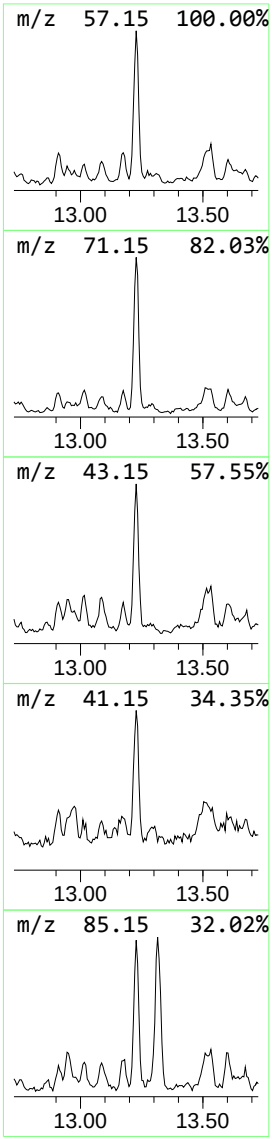
****

Peak Number 13 Dodecane, 2,7,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.227	16.79 ng	346381	Acenaphthene-d10	14.696

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
3	Heptacosane	380	C27H56	000593-49-7	64
4	Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	53
5	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	52





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Sample : N2960-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

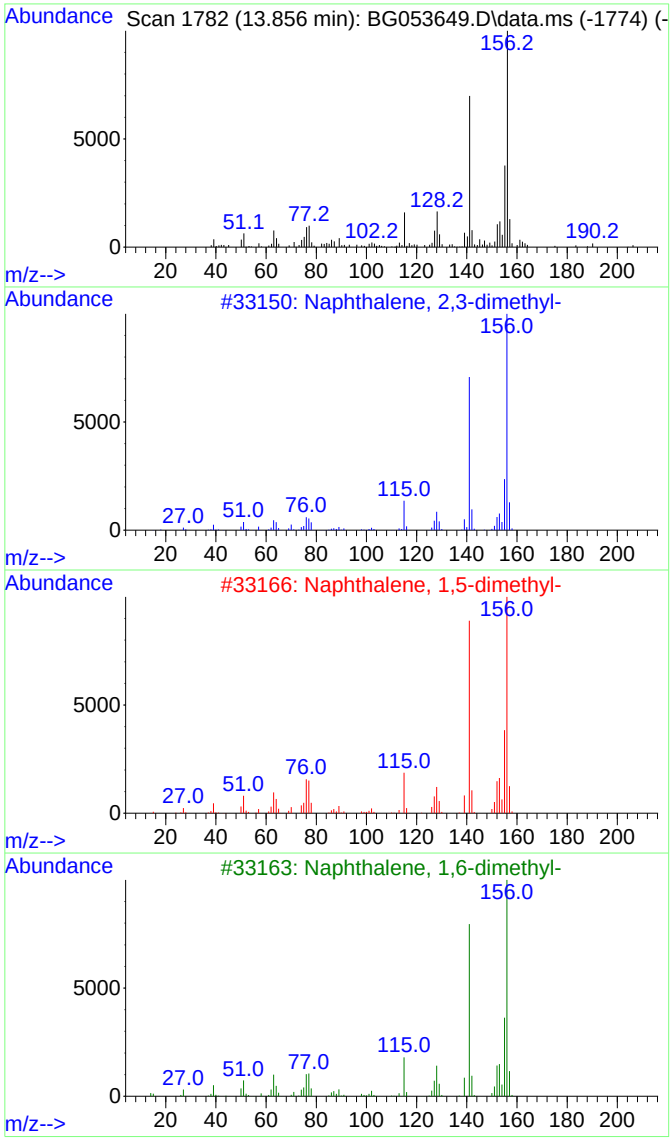
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

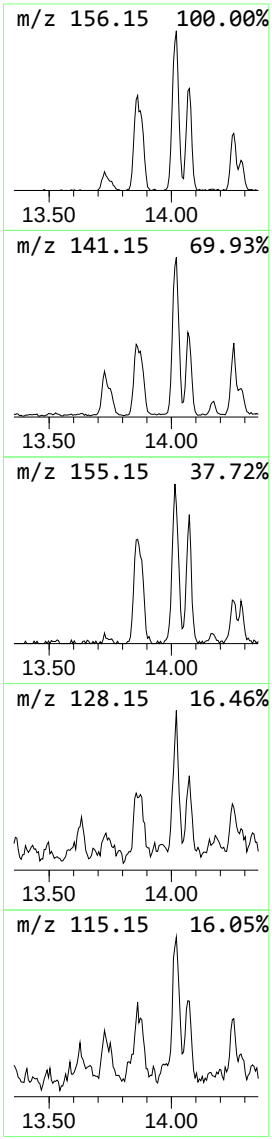
****

Peak Number 14 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.856	15.65 ng	322942	Acenaphthene-d10	14.696

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95





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Sample : N2960-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BIN-4-SP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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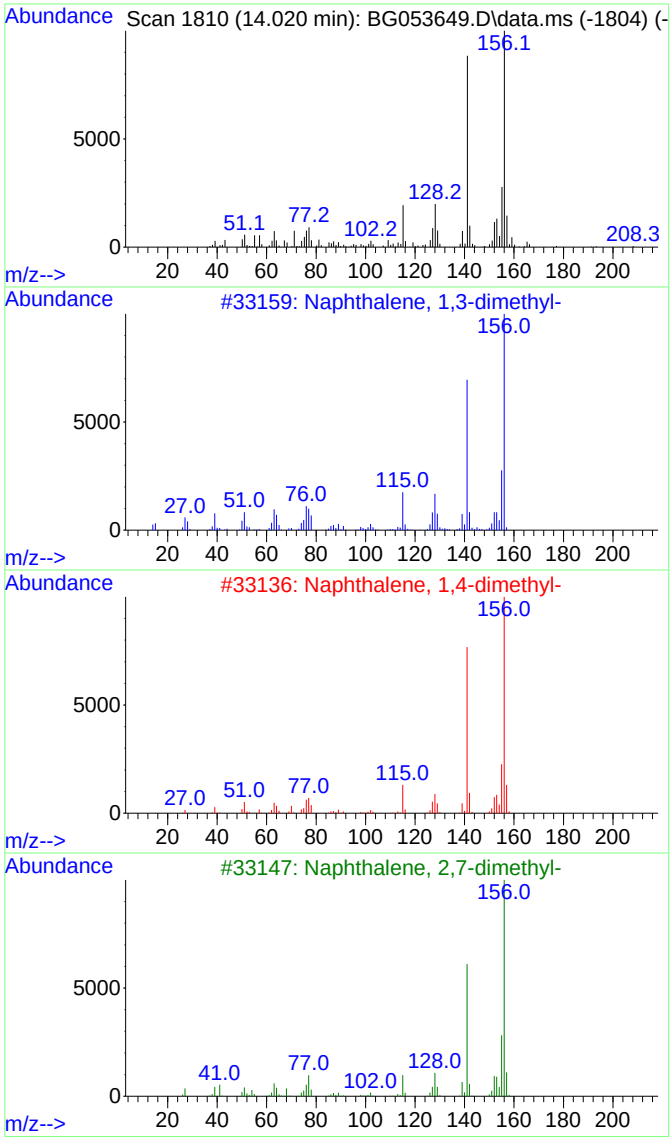
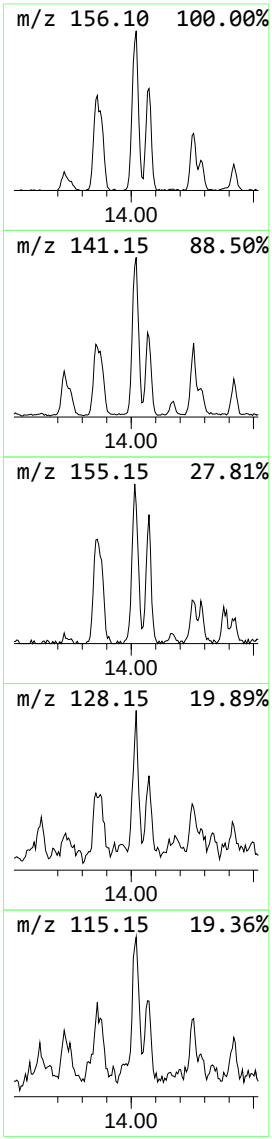
Peak Number 15 Naphthalene, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.020	17.66 ng	364369	Acenaphthene-d10	14.696

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





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Sample : N2960-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
BIN-4-SP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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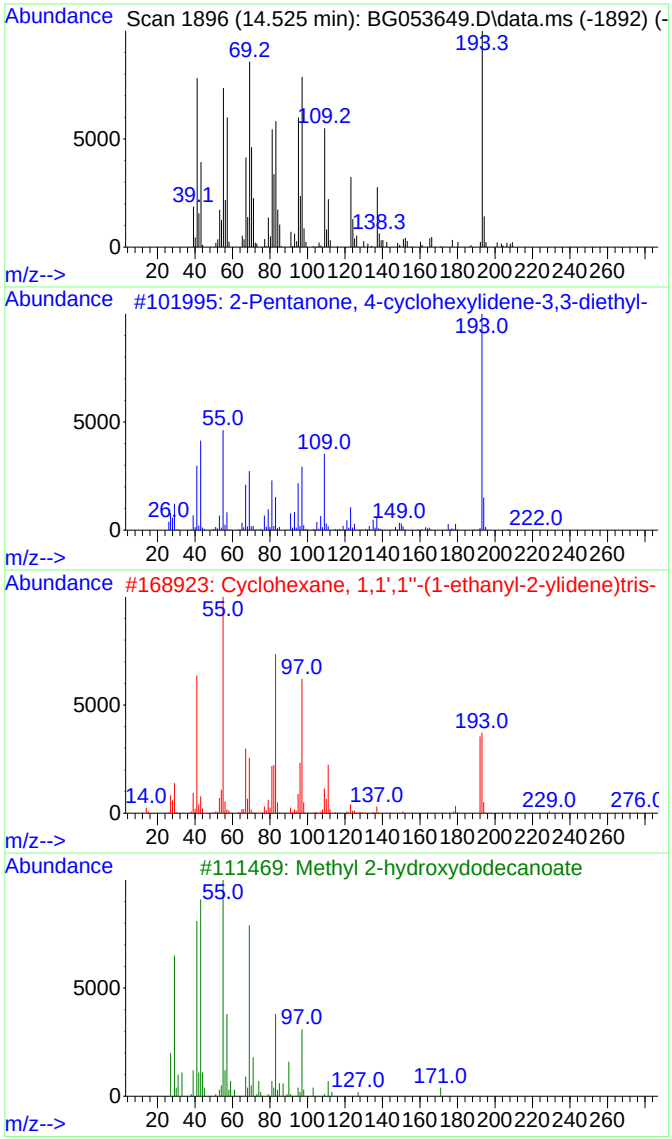
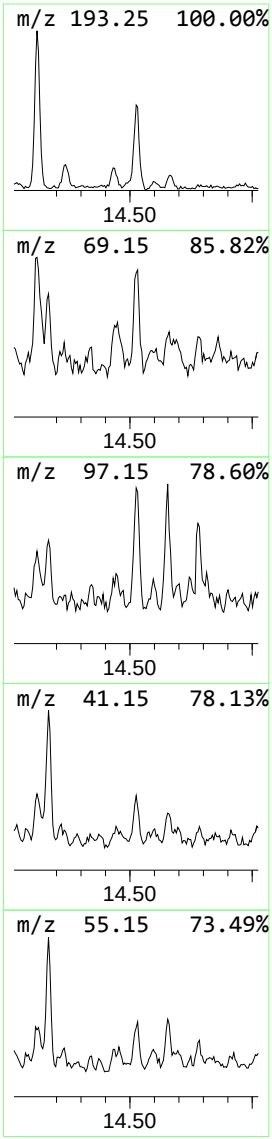
Peak Number 16 unknown14.525 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.525	9.70 ng	200116	Acenaphthene-d10	14.696

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	38
2	Cyclohexane, 1,1',1''-(1-ethanyl...	276	C20H36	055682-86-5	35
3	Methyl 2-hydroxydodecanoate	230	C13H26O3	051067-85-7	27
4	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-96-0	20
5	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054824-04-3	18





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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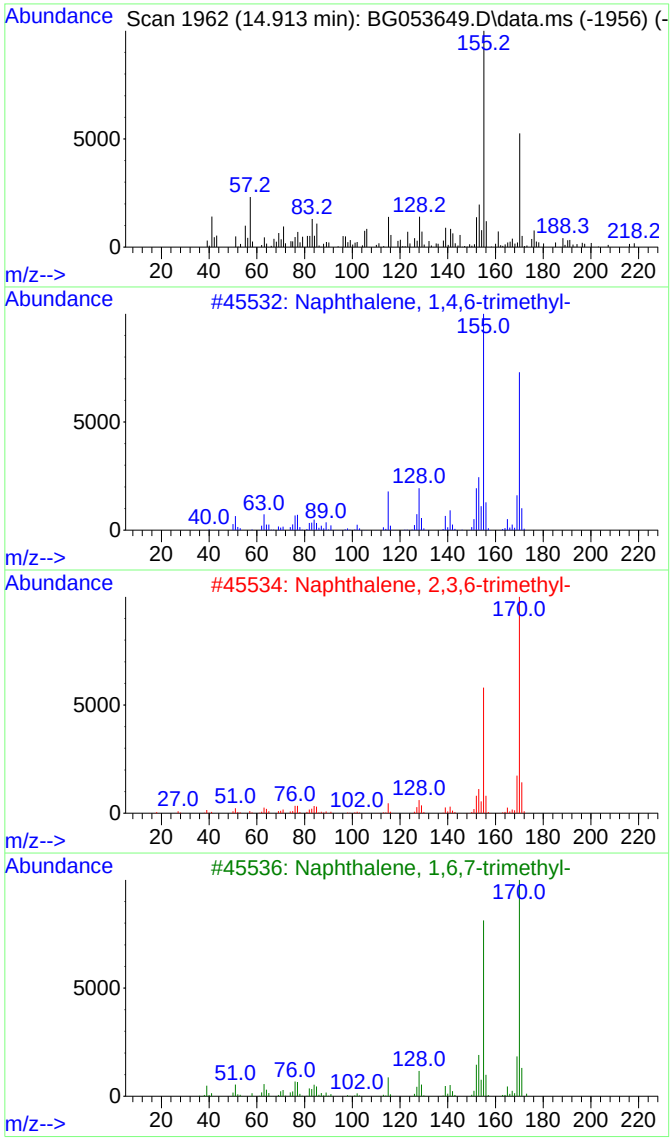
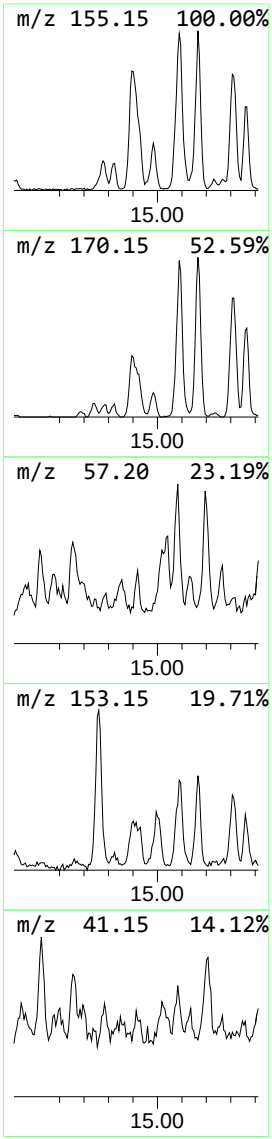
Peak Number 17 Naphthalene, 1,4,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.913	11.08 ng	228521	Acenaphthene-d10	14.696

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	80
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
Data File : BG053649.D
Acq On : 20 May 2022 18:25
Operator : CG/JU
Sample : N2960-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BIN-4-SP-1

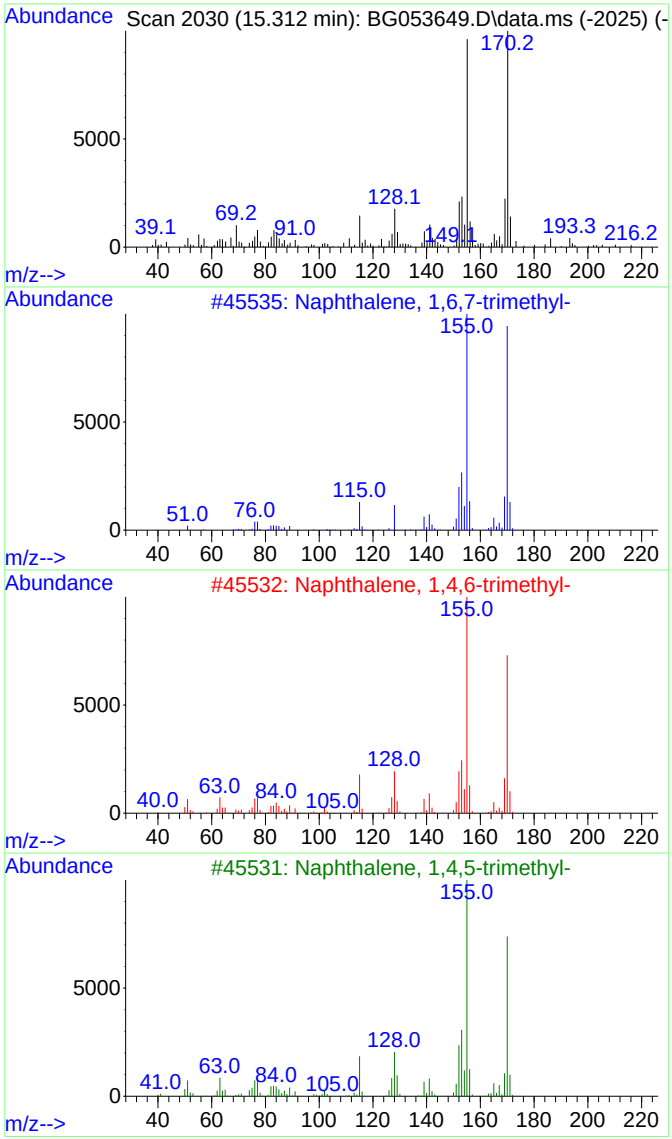
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

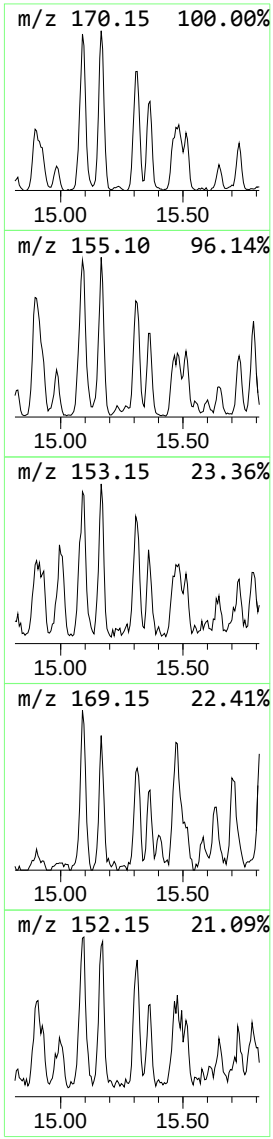
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Naphthalene, 1,6,7-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.312	9.88 ng	203726	Acenaphthene-d10	14.696

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
Data File : BG053649.D
Acq On : 20 May 2022 18:25
Operator : CG/JU
Sample : N2960-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BIN-4-SP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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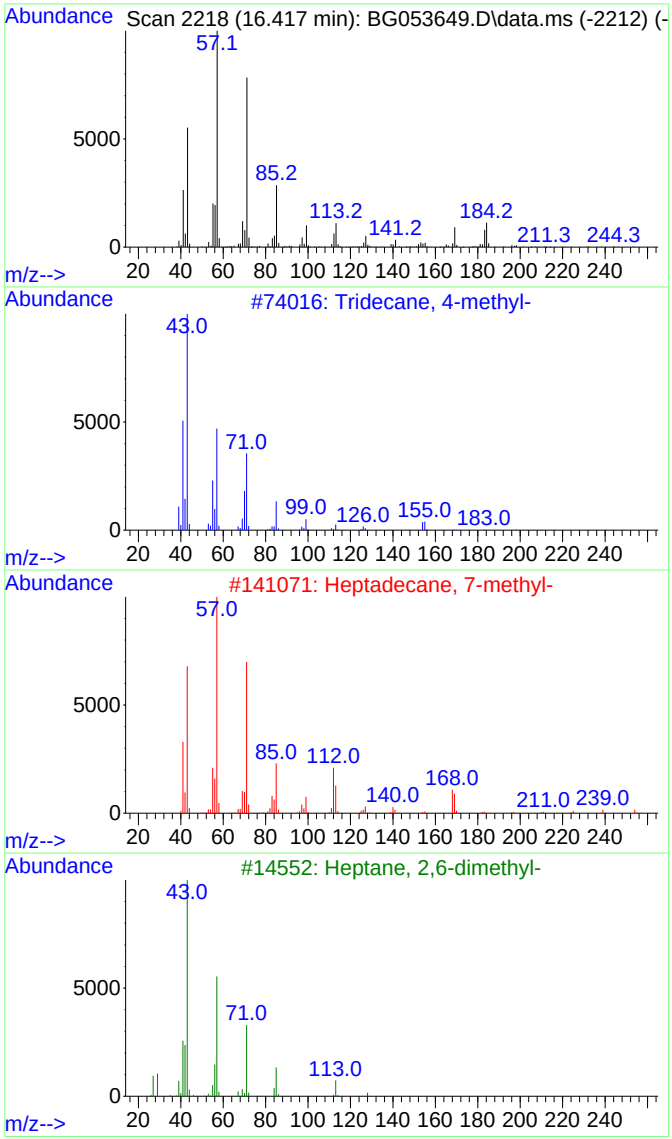
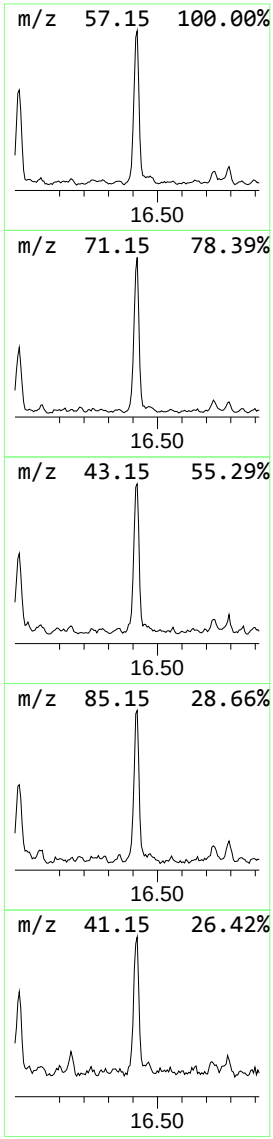
Peak Number 19 Tridecane, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.417	33.65 ng	779129	Phenanthrene-d10	17.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 4-methyl-	198	C14H30	026730-12-1	87
2	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	78
3	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	74
4	Tridecane	184	C13H28	000629-50-5	64
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
Data File : BG053649.D
Acq On : 20 May 2022 18:25
Operator : CG/JU
Sample : N2960-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BIN-4-SP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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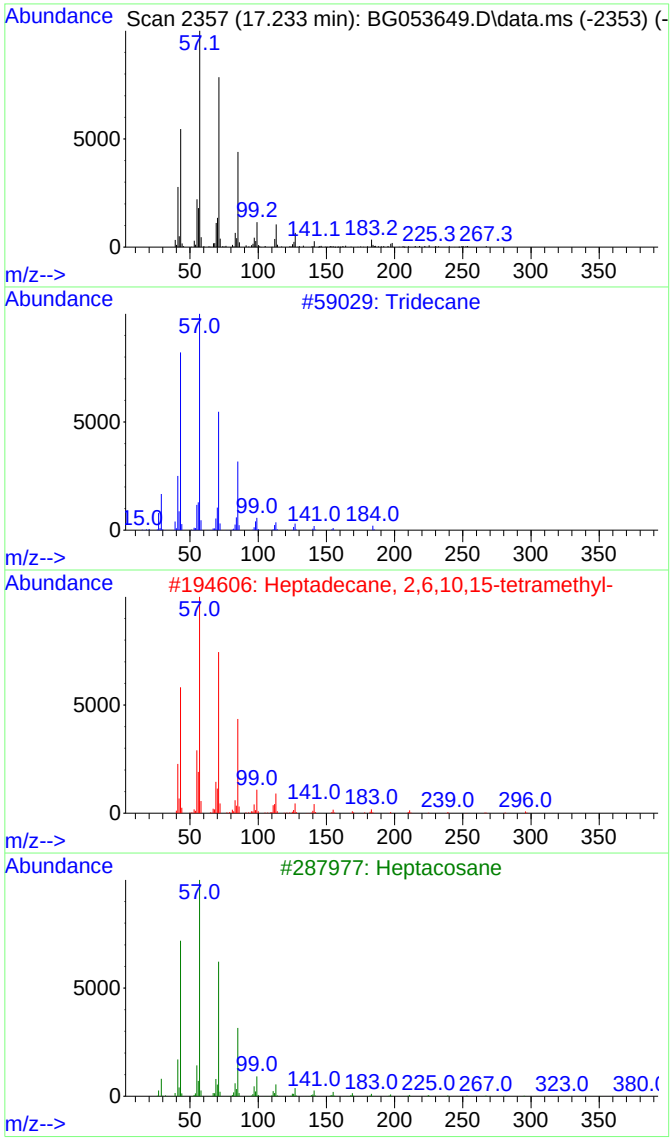
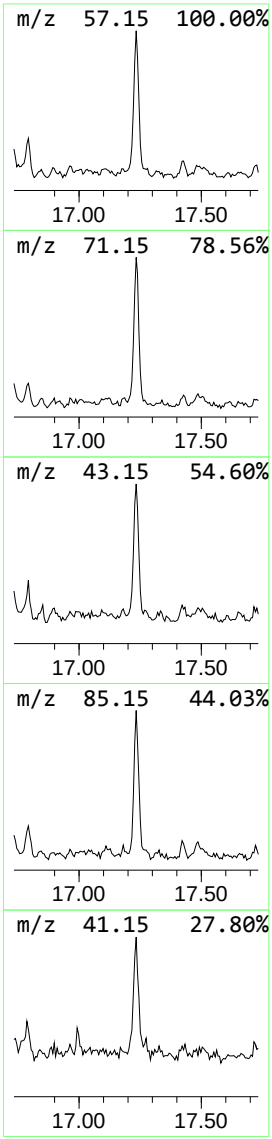
Peak Number 20 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.233	11.83 ng	273916	Phenanthrene-d10	17.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
Data File : BG053649.D
Acq On : 20 May 2022 18:25
Operator : CG/JU
Sample : N2960-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BIN-4-SP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Undecane, 2,5-d...	7.053	21.4	ng	331532	1	8.069	309542	20.0
Benzene, 1-ethy...	7.452	9.6	ng	148839	1	8.069	309542	20.0
Benzene, 1,2,3-...	8.187	9.8	ng	151006	1	8.069	309542	20.0
Indane	8.445	19.2	ng	297840	1	8.069	309542	20.0
Benzene, 1,4-di...	8.557	9.1	ng	140166	1	8.069	309542	20.0
2-Indanol	8.610	12.9	ng	199187	1	8.069	309542	20.0
Benzene, 2-ethy...	8.710	29.6	ng	458161	1	8.069	309542	20.0
Benzene, 4-ethy...	9.174	42.3	ng	654869	1	8.069	309542	20.0
Benzene, 1-meth...	9.420	12.2	ng	189086	1	8.069	309542	20.0
1H-Indene, 2,3-...	10.125	9.1	ng	459296	2	10.877	1006300	20.0
Benzene, 2-ethe...	10.272	15.6	ng	783955	2	10.877	1006300	20.0
Dodecane, 2,7,1...	13.227	16.8	ng	346381	3	14.696	412591	20.0
Naphthalene, 2,...	13.856	15.7	ng	322942	3	14.696	412591	20.0
Naphthalene, 1,...	14.020	17.7	ng	364369	3	14.696	412591	20.0
unknown14.525	14.525	9.7	ng	200116	3	14.696	412591	20.0
Naphthalene, 1,...	14.913	11.1	ng	228521	3	14.696	412591	20.0
Naphthalene, 1,...	15.312	9.9	ng	203726	3	14.696	412591	20.0
Tridecane, 4-me...	16.417	33.6	ng	779129	4	17.439	463102	20.0
Tridecane	17.233	11.8	ng	273916	4	17.439	463102	20.0