LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
Data File : BF128792.D
Acq On : 13 Jun 2022 19:14
Operator : CG\JU
Sample : N3304-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-14A-1A-6

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_F\Methods\8270-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128792.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.069	293	303	308	rBV	379413	577129	7.34%	0.431%
2	4.416	355	362	368	rVV3	333607	559644	7.12%	0.418%
3	4.522	372	380	385	rBV	243556	307442	3.91%	0.230%
4	4.834	429	433	438	rVB	370119	455536	5.80%	0.341%
5	4.922	444	448	449	rVV2	464295	592480	7.54%	0.443%
6	4.940	449	451	456	rVB	552038	569048	7.24%	0.425%
7	4.993	456	460	465	rBV2	654691	790961	10.07%	0.591%
8	5.198	489	495	498	rBV2	805941	892238	11.35%	0.667%
9	5.234	498	501	504	rVB3	179645	244664	3.11%	0.183%
10	5.287	504	510	512	rBV2	439119	501644	6.38%	0.375%
11	5.387	524	527	533	rVB2	796807	952523	12.12%	0.712%
12	5.440	533	536	541	rBV	1716973	1691834	21.53%	1.265%
13	5.563	554	557	562	rBV3	453090	665060	8.46%	0.497%
14	5.610	562	565	568	rVB	900997	774229	9.85%	0.579%
15	5.651	568	572	575	rBV2	541126	666093	8.48%	0.498%
16	5.822	595	601	604	rVB4	820440	1241677	15.80%	0.928%
17	5.875	604	610	612	rBV	533605	800845	10.19%	0.599%
18	5.957	617	624	628	rVB2	1083785	1578103	20.08%	1.180%
19	6.004	628	632	634	rBV	513925	612576	7.80%	0.458%
20	6.051	637	640	646	rVV2	2293861	2773899	35.30%	2.074%
21	6.110	646	650	652	rVB	1174680	1030829	13.12%	0.771%
22	6.140	652	655	658	rBV2	290431	401127	5.10%	0.300%
23	6.245	667	673	676	rBV2	1394226	1803646	22.95%	1.349%
24	6.287	676	680	681	rBV4	348214	348560	4.44%	0.261%
25	6.304	681	683	686	rVB	1100260	839095	10.68%	0.627%
26	6.340	686	689	691	rBV2	1475795	1630540	20.75%	1.219%
27	6.357	691	692	696	rVB3	592217	513862	6.54%	0.384%
28	6.398	696	699	707	rBV3	687225	892714	11.36%	0.667%
29	6.469	707	711	716	rBV2	1842329	2473052	31.47%	1.849%
30	6.504	716	717	720	rVB	341929	250235	3.18%	0.187%
31	6.551	720	725	729	rBV4	1117789	1840804	23.43%	1.376%
32	6.587	729	731	737	rVB2	733983	813683	10.35%	0.608%
33	6.645	737	741	743	rBV3	719077	969753	12.34%	0.725%
34	6.663	743	744	747	rVB	537050	366300	4.66%	0.274%
35	6.745	751	758	760	rBV5	287326	658344	8.38%	0.492%
36	6.792	764	766	767	rVV	384262	289197	3.68%	0.216%

LSC Area Percent Report

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Operator : CG\JU
Sample : N3304-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-6

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_F\Methods\8270-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	6.828	767	772	775	rVB2	2152450	2531395	32.21%	1.893%
38	6.869	775	779	781	rBV2	991376	998630	12.71%	0.747%
39	6.904	781	785	786	rBV3	343164	317922	4.05%	0.238%
40	6.928	786	789	791	rVB	620727	544929	6.93%	0.407%
41	6.957	791	794	798	rBV	2041631	1910743	24.32%	1.429%
42	6.992	798	800	802	rVB	697715	518465	6.60%	0.388%
43	7.040	805	808	810	rBV2	688786	632632	8.05%	0.473%
44	7.087	813	816	819	rVB	1645634	1641900	20.89%	1.228%
45	7.116	819	821	825	rBV2	830030	1064797	13.55%	0.796%
46	7.151	825	827	831	rVB2	952962	936812	11.92%	0.700%
47	7.204	831	836	839	rBV2	1613561	1998544	25.43%	1.494%
48	7.234	839	841	847	rVB4	424018	555048	7.06%	0.415%
49	7.298	847	852	854	rBV2	256759	460834	5.86%	0.345%
50	7.351	854	861	863	rBV2	1815396	2534720	32.26%	1.895%
51	7.381	863	866	869	rVV3	997482	1237636	15.75%	0.925%
52	7.410	869	871	874	rVB2	1151222	973192	12.38%	0.728%
53	7.457	874	879	882	rVB5	1346362	2130368	27.11%	1.593%
54	7.522	882	890	893	rBV5	1217450	2524447	32.13%	1.887%
55	7.563	895	897	899	rBV2	340918	329105	4.19%	0.246%
56	7.592	899	902	904	rBV2	1035735	1079171	13.73%	0.807%
57	7.616	904	906	910	rVB3	1331322	1462236	18.61%	1.093%
58	7.698	916	920	921	rBV2	773309	839468	10.68%	0.628%
59	7.716	921	923	925	rVV	1420145	1085219	13.81%	0.811%
60	7.739	925	927	930	rVB2	1415362	1215983	15.47%	0.909%
61	7.781	930	934	936	rVB2	1137599	1269718	16.16%	0.949%
62	7.816	936	940	941	rBV3	837645	739762	9.41%	0.553%
63	7.845	941	945	950	rVB4	1242418	1872876	23.83%	1.400%
64	7.892	950	953	955	rBV2	738370	561422	7.14%	0.420%
65	7.916	955	957	963	rVB4	906762	1016299	12.93%	0.760%
66	7.969	963	966	969	rBV2	720844	937680	11.93%	0.701%
67	8.004	969	972	974	rBV	374008	333331	4.24%	0.249%
68	8.051	975	980	982	rBV4	1137972	1759148	22.39%	1.315%
69	8.081	982	985	990	rVV4	2353589	2912066	37.06%	2.177%
70	8.128	990	993	994	rVV2	504673	479072	6.10%	0.358%
71	8.163	994	999	1001	rVB	3337119	3775203	48.04%	2.823%
72	8.187	1001	1003	1006	rBV4	967734	814527	10.37%	0.609%
73	8.251	1011	1014	1016	rBV3	744959	855640	10.89%	0.640%
74	8.275	1016	1018	1020	rBV2	304592	246191	3.13%	0.184%
75	8.304	1020	1023	1025	rVB2	902480	855766	10.89%	0.640%
76	8.328	1025	1027	1030	rVB3	306416	278671	3.55%	0.208%

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Operator : CG\JU
Sample : N3304-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-6

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

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	8.392	1032	1038	1045	rBV5	2466894	3704165	47.14%	2.769%
78	8.445	1045	1047	1050	rBV3	1261127	966716	12.30%	0.723%
79	8.481	1050	1053	1056	rVB3	1633952	1629267	20.73%	1.218%
80	8.528	1056	1061	1066	rBV	4399049	5423569	69.02%	4.055%
81	8.563	1066	1067	1070	rVB2	925726	659177	8.39%	0.493%
82	8.610	1072	1075	1077	rBV3	782182	699530	8.90%	0.523%
83	8.645	1077	1081	1083	rBV4	856553	1195612	15.22%	0.894%
84	8.692	1086	1089	1093	rBV2	1875531	2010446	25.58%	1.503%
85	8.757	1098	1100	1102	rVV2	748409	777071	9.89%	0.581%
86	8.792	1102	1106	1109	rVB3	2049326	2255848	28.71%	1.687%
87	8.851	1113	1116	1118	rVB4	640995	514348	6.55%	0.385%
88	8.881	1118	1121	1124	rBV3	697349	1087767	13.84%	0.813%
89	8.975	1135	1137	1139	rBV3	953234	1072607	13.65%	0.802%
90	9.010	1140	1143	1147	rVV4	1767539	2459583	31.30%	1.839%
91	9.057	1147	1151	1155	rVV6	635333	1225352	15.59%	0.916%
92	9.098	1156	1158	1159	rVV	726593	578202	7.36%	0.432%
93	9.128	1159	1163	1169	rVV3	1987693	4018792	51.14%	3.005%
94	9.175	1169	1171	1174	rVB	1949545	1757705	22.37%	1.314%
95	9.263	1182	1186	1190	rBV4	947881	1831036	23.30%	1.369%
96	9.445	1213	1217	1222	rBV	632822	1104031	14.05%	0.825%
97	9.516	1226	1229	1231	rBV	769570	943415	12.01%	0.705%
98	9.598	1238	1243	1253	rVB3	2008298	5175107	65.86%	3.869%
99	10.528	1395	1401	1411	rVB	1539747	4201965	53.47%	3.142%
100	10.804	1440	1448	1456	rBV	2609281	7857964	100.00%	5.875%

Sum of corrected areas: 133750209

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
Data File : BF128792.D
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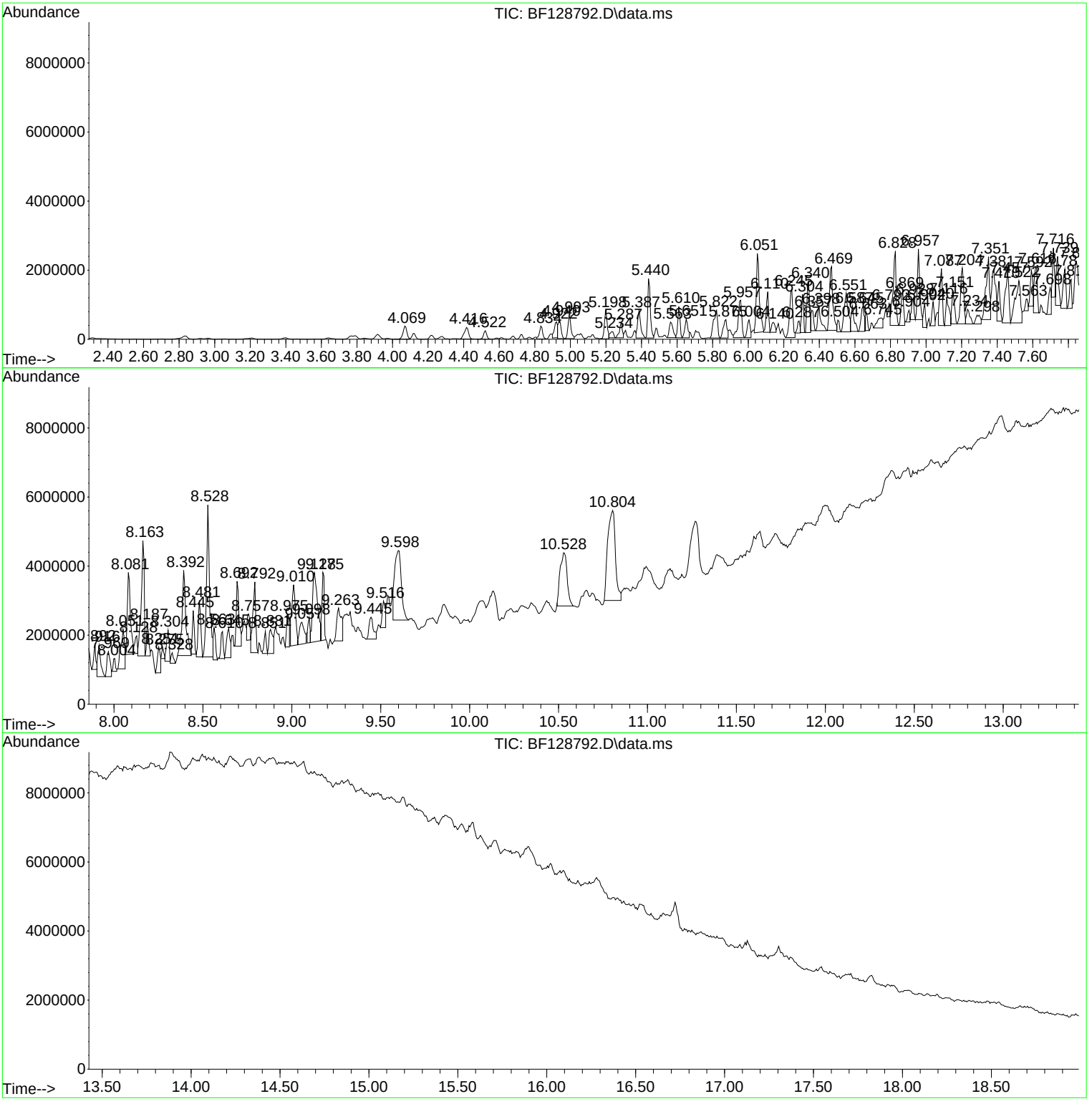
Sample : N3304-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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_F\Data\BF061322\
Data File : BF128792.D
Acq On : 13 Jun 2022 19:14
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Sample : N3304-05
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Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-6

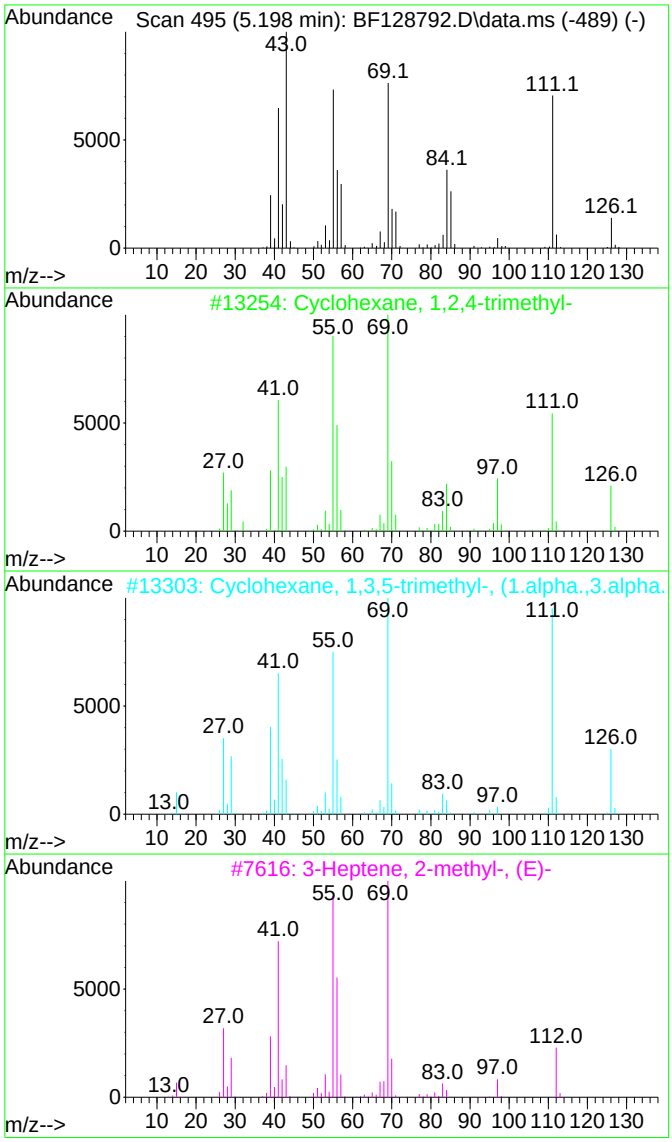
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

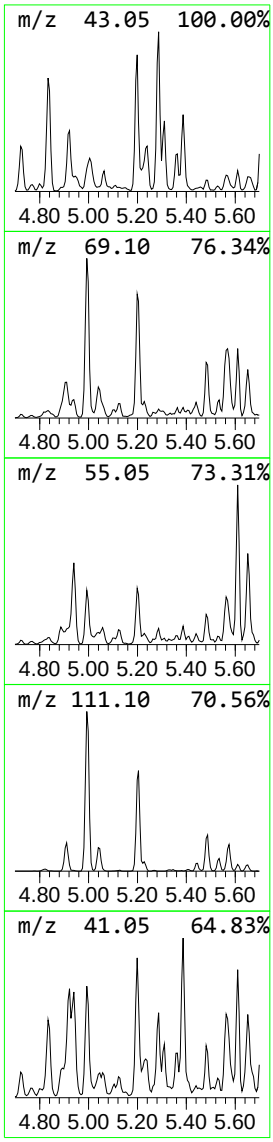
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclohexane, 1,2,4-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.198	61.70 ng	892238	1,4-Dichlorobenzene-d4	6.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	68
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	53
3	3-Heptene, 2-methyl-, (E)-	112	C8H16	000692-96-6	49
4	Cyclopropane, 1-ethyl-1-methyl-	84	C6H12	053778-43-1	47
5	2,5-Dimethylcyclohexanone	126	C8H14O	000932-51-4	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
Data File : BF128792.D
Acq On : 13 Jun 2022 19:14
Operator : CG\JU
Sample : N3304-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

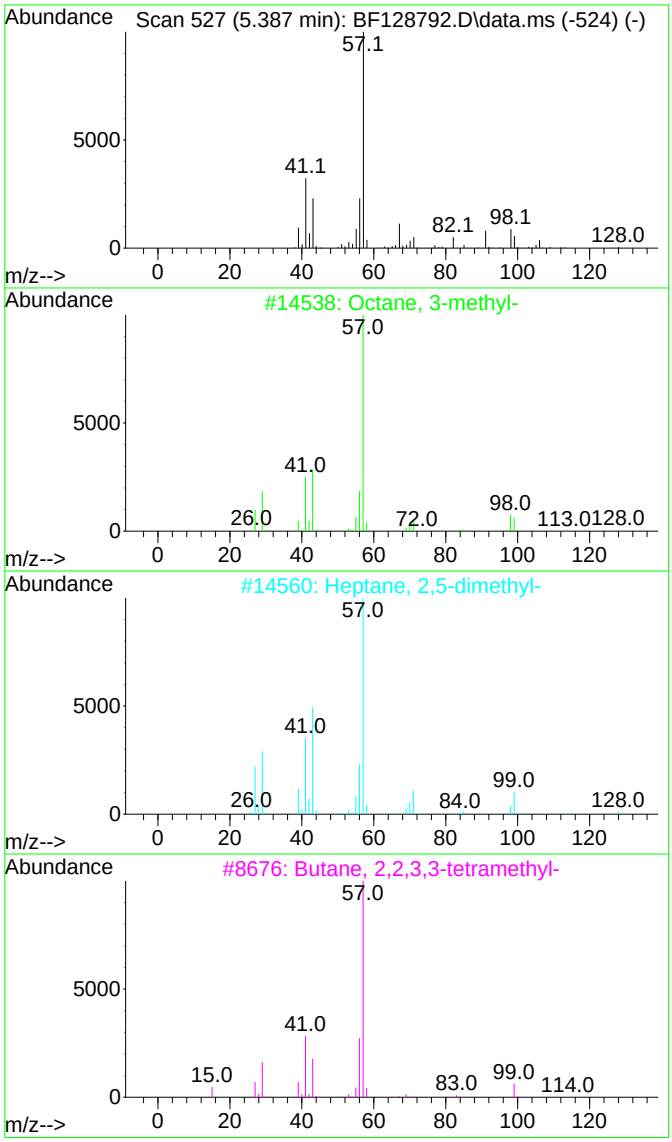
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

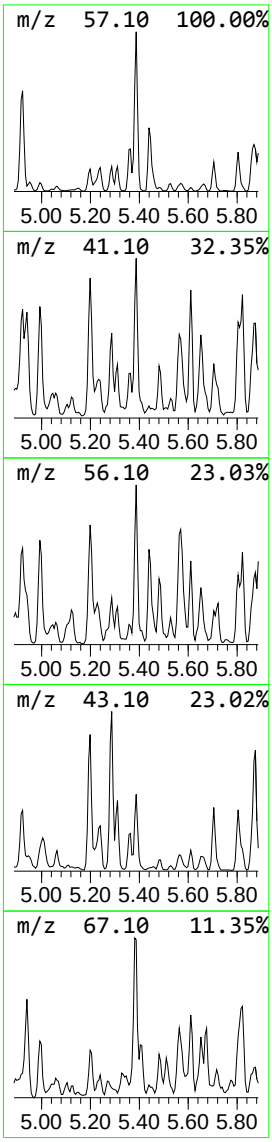
****

Peak Number 2 unknown5.387 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.387	65.87 ng	952523	1,4-Dichlorobenzene-d4	6.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	49
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	38
3	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	37
4	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	37
5	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
Data File : BF128792.D
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

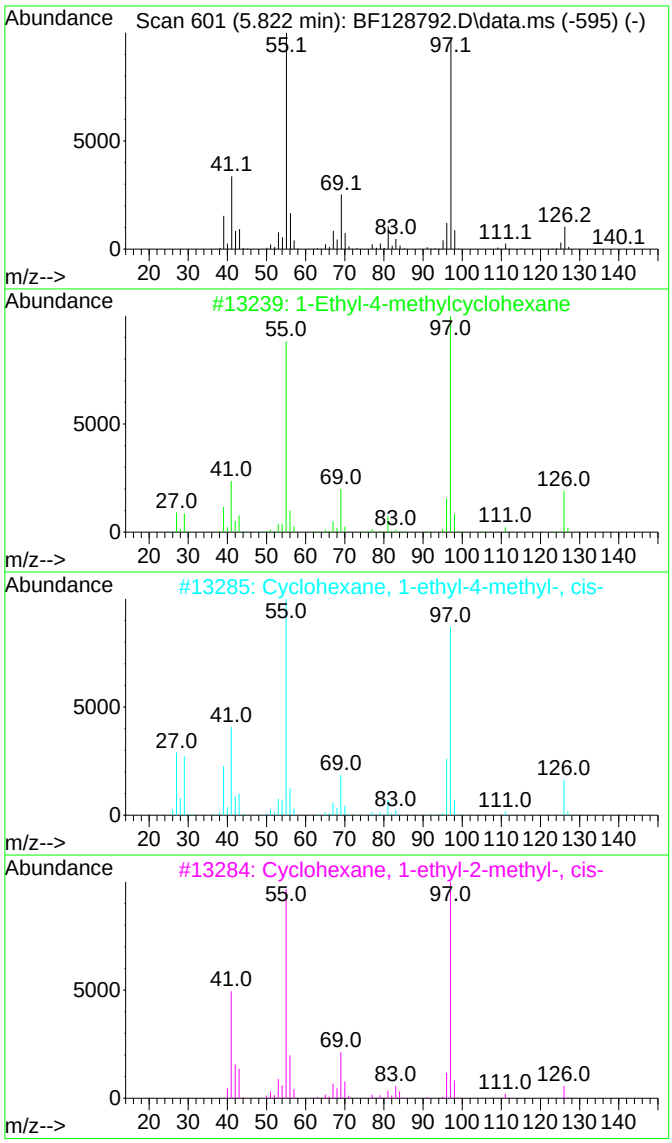
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

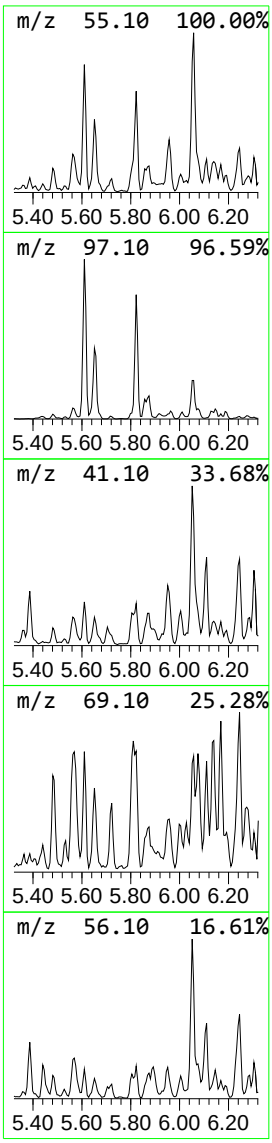
****

Peak Number 3 1-Ethyl-4-methylcyclohexane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.822	85.87 ng	1241680	1,4-Dichlorobenzene-d4	6.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	91
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	87
3	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	87
4	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	83
5	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
Data File : BF128792.D
Acq On : 13 Jun 2022 19:14
Operator : CG\JU
Sample : N3304-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

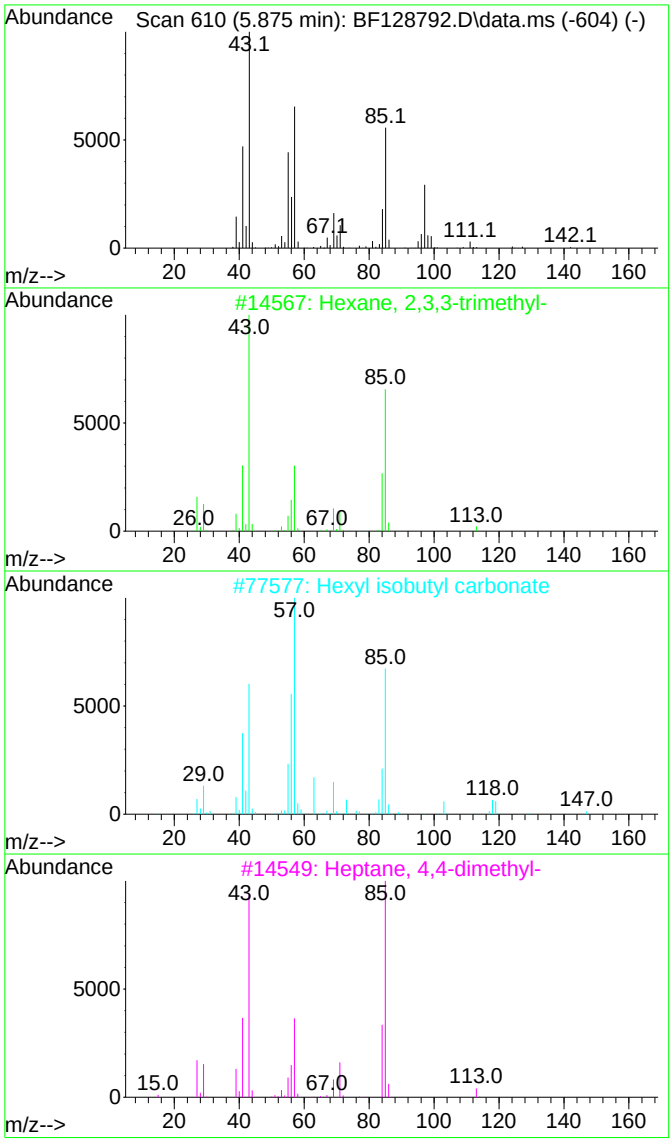
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

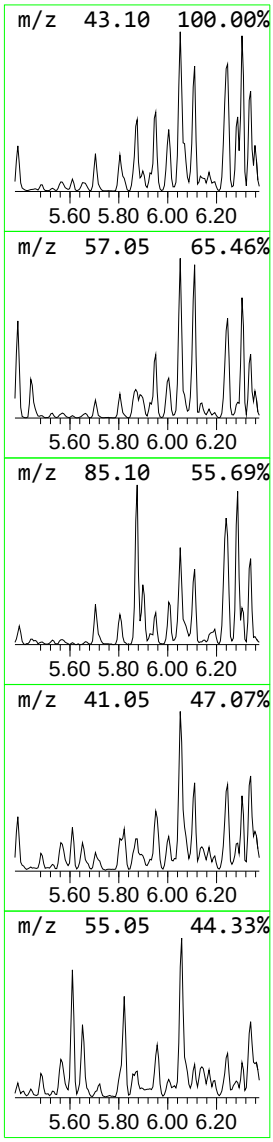
****

Peak Number 4 Hexane, 2,3,3-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.875	55.38 ng	800845	1,4-Dichlorobenzene-d4	6.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	53
2	Hexyl isobutyl carbonate	202	C11H22O3	959067-98-2	50
3	Heptane, 4,4-dimethyl-	128	C9H20	001068-19-5	50
4	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	47
5	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
Data File : BF128792.D
Acq On : 13 Jun 2022 19:14
Operator : CG\JU
Sample : N3304-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

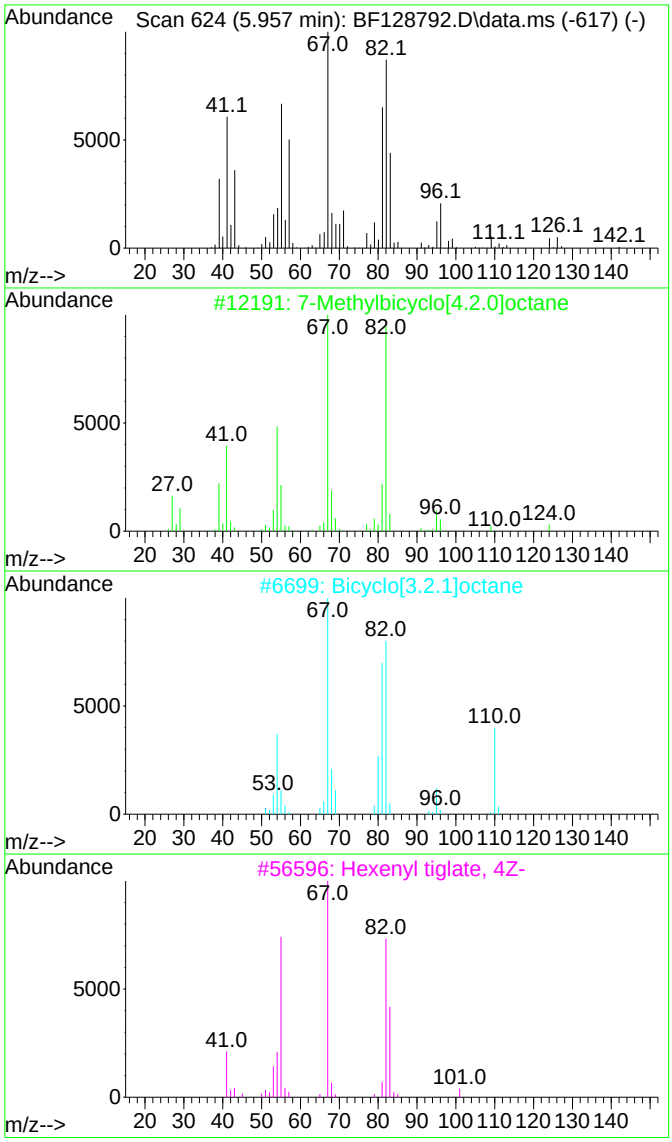
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

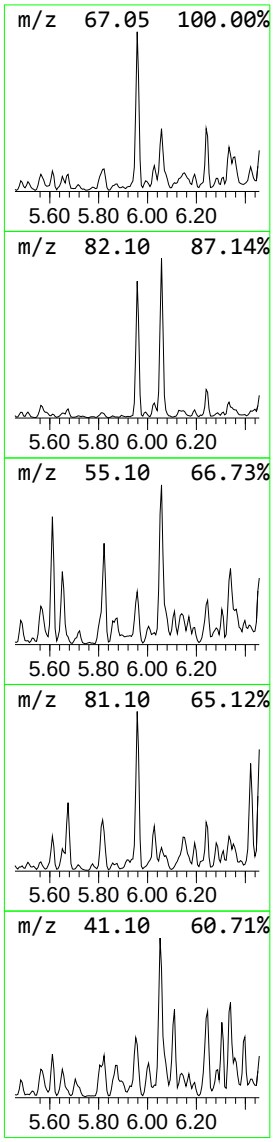
****

Peak Number 5 7-Methylbicyclo[4.2.0]octane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.957	109.14 ng	1578100	1,4-Dichlorobenzene-d4	6.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	64
2	Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	62
3	Hexenyl tiglate, 4Z-	182	C11H18O2	1000383-63-6	59
4	Hexenyl angelate, 4z-	182	C11H18O2	1000383-63-7	59
5	4-Hexen-1-ol, chlorodifluoroacetate	212	C8H11ClF2O2	1000447-25-2	53





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Acq On : 13 Jun 2022 19:14
Operator : CG\JU
Sample : N3304-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

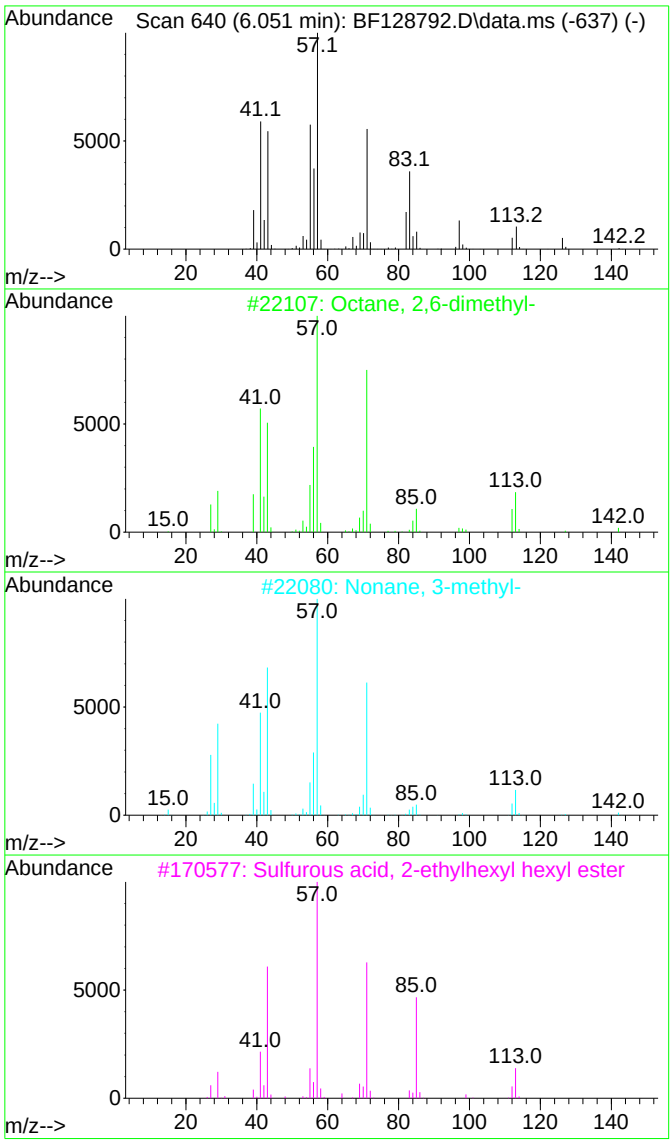
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

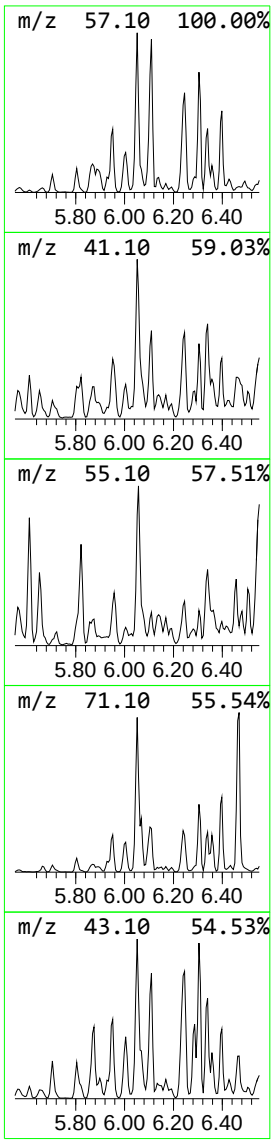
****

Peak Number 6 Octane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.051	191.84 ng	2773900	1,4-Dichlorobenzene-d4	6.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	59
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	47
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	47
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	43





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Operator : CG\JU
Sample : N3304-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-14A-1A-6

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

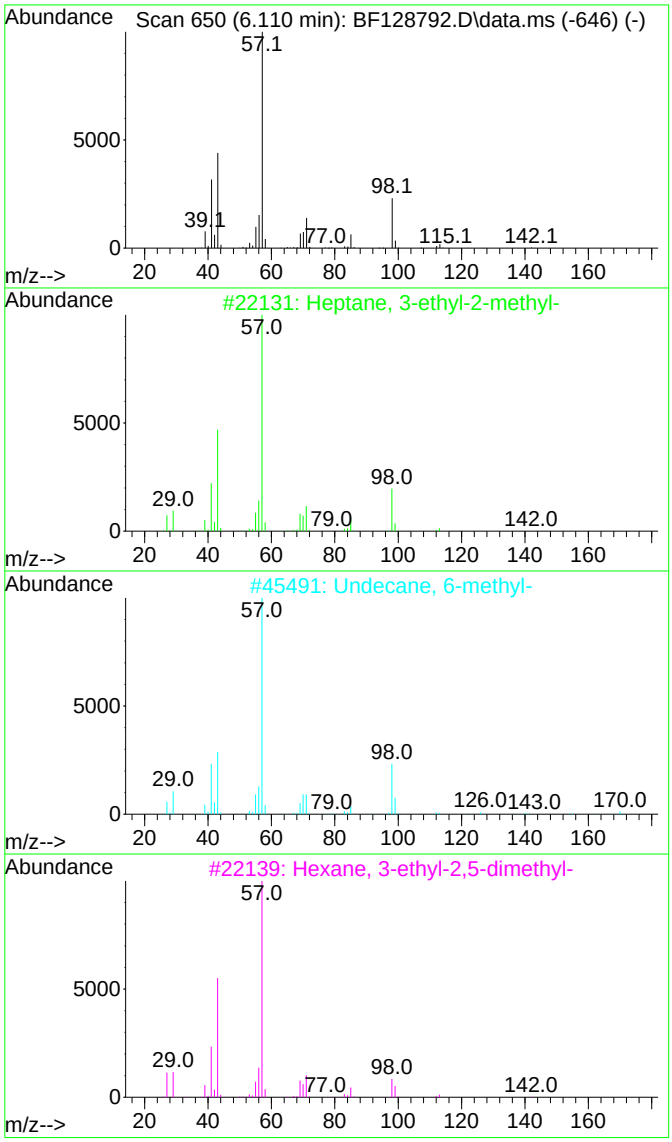
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

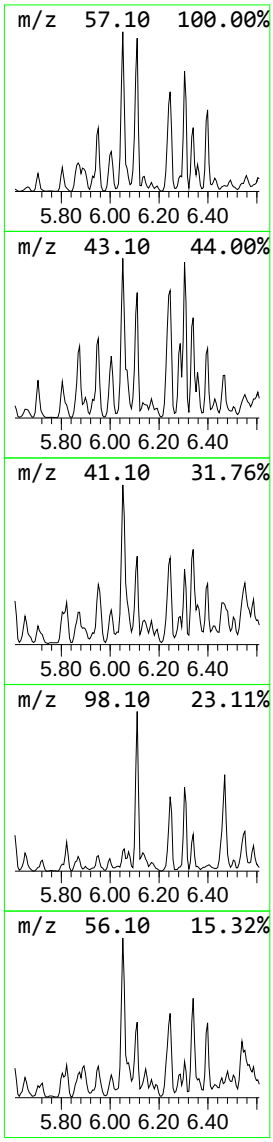
****

Peak Number 7 Heptane, 3-ethyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.110	71.29 ng	1030830	1,4-Dichlorobenzene-d4	6.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	83
2	Undecane, 6-methyl-	170	C12H26	017302-33-9	78
3	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	64
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	53
5	Heptane, 4-propyl-	142	C10H22	003178-29-8	53





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Operator : CG\JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-6

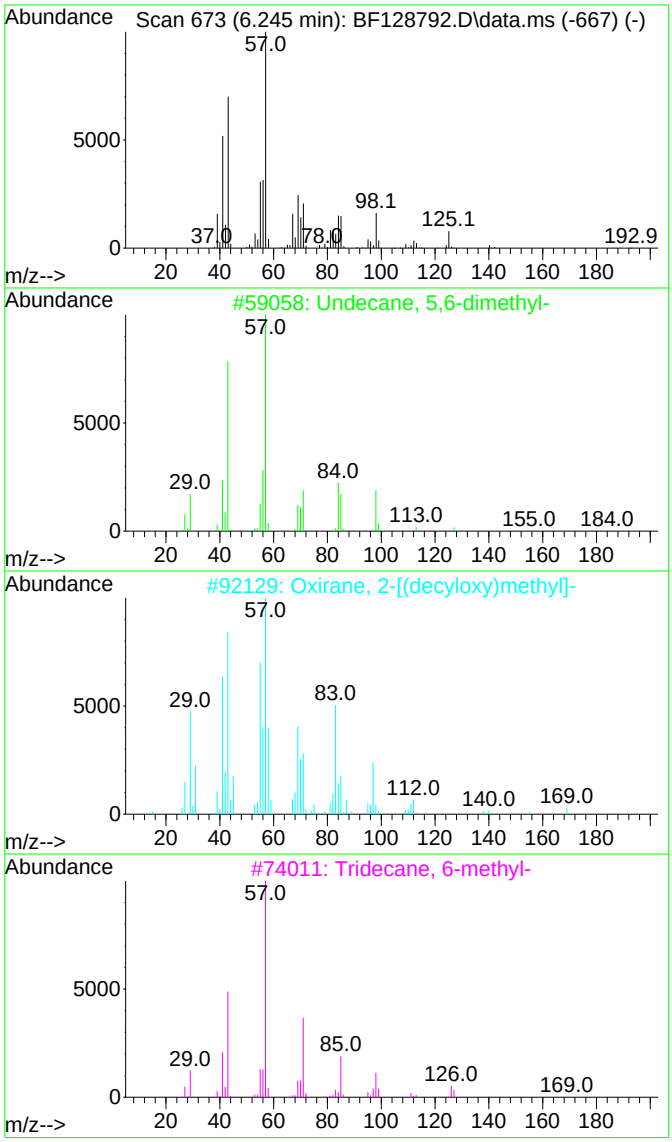
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

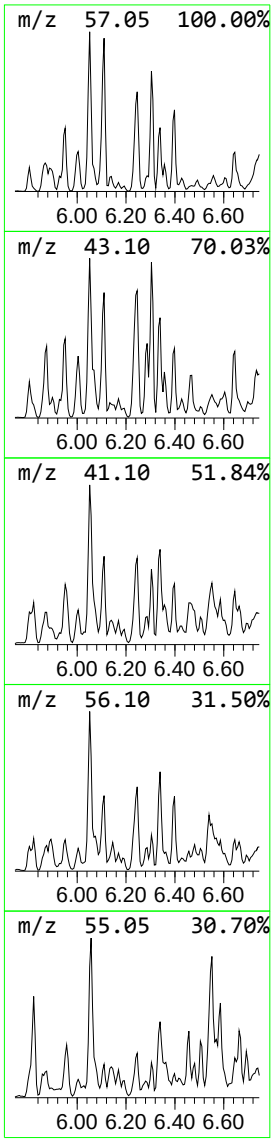
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Undecane, 5,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.245	124.74 ng	1803650	1,4-Dichlorobenzene-d4	6.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	72
2	Oxirane, 2-[(decyloxy)methyl]-	214	C13H26O2	003497-06-1	59
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	50
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	47
5	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	46





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Acq On : 13 Jun 2022 19:14
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Sample : N3304-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

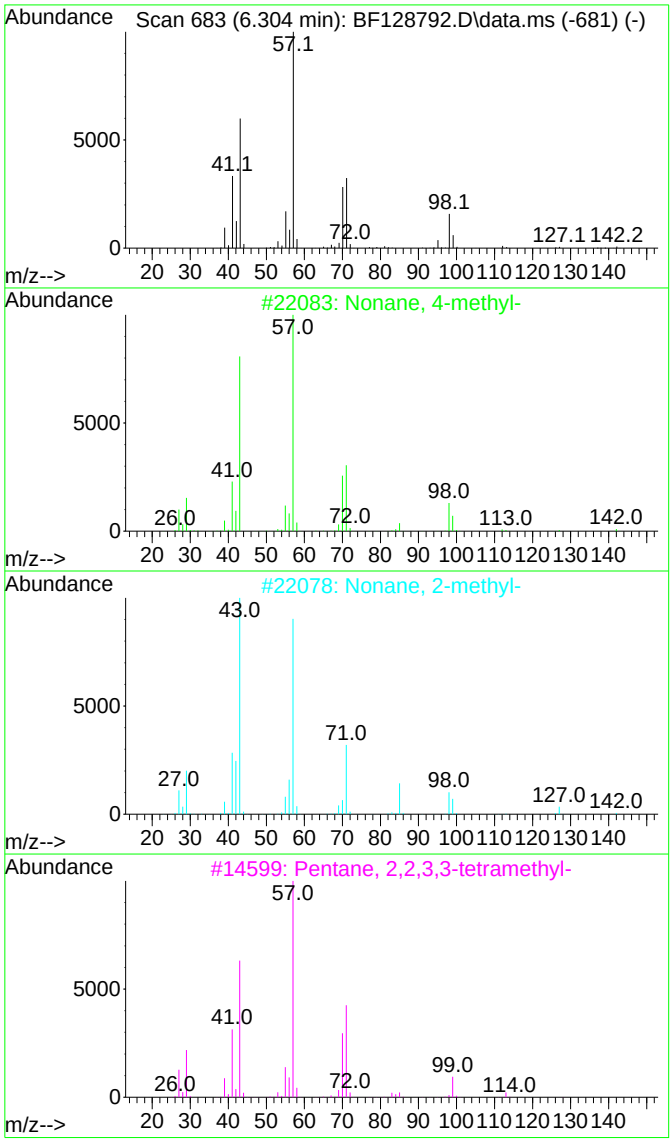
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

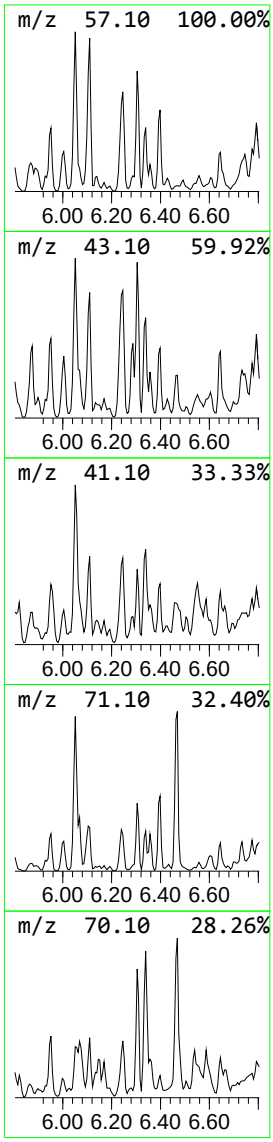
****

Peak Number 9 Nonane, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.304	58.03 ng	839095	1,4-Dichlorobenzene-d4	6.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	74
2	Nonane, 2-methyl-	142	C10H22	000871-83-0	53
3	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	53
4	Heptane, 3-ethyl-	128	C9H20	015869-80-4	53
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	47





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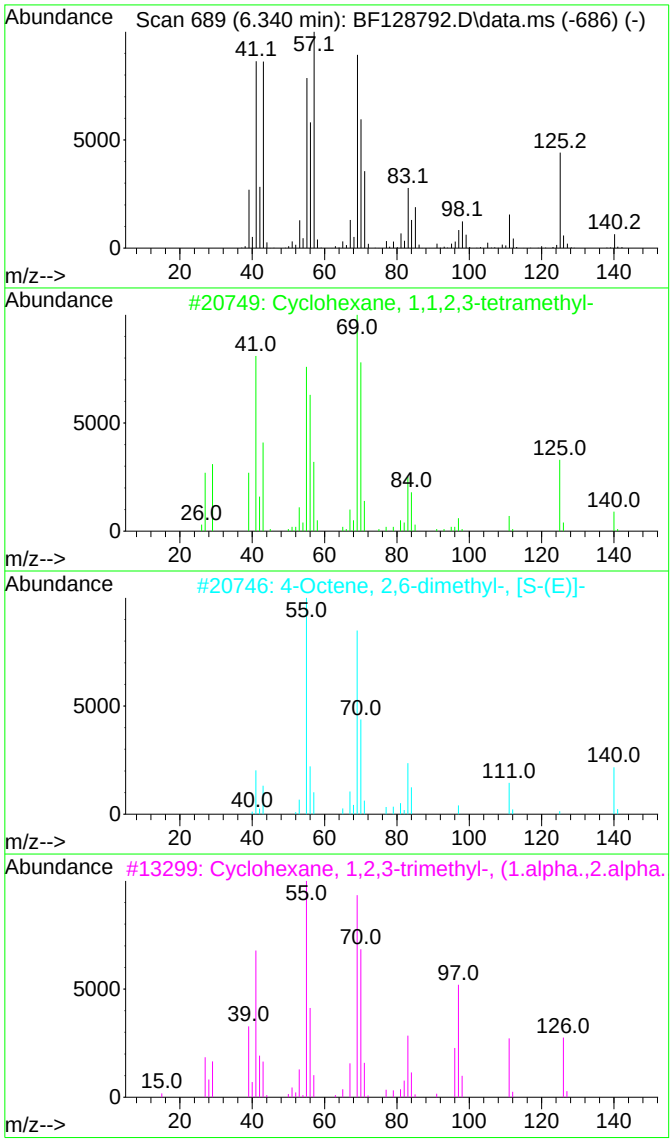
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

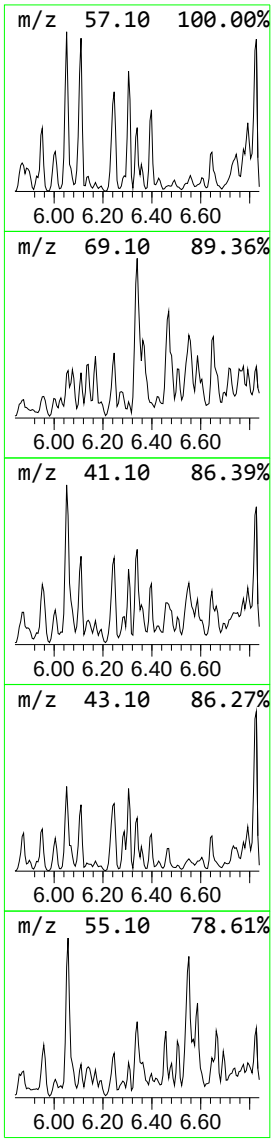
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.340	112.76 ng	1630540	1,4-Dichlorobenzene-d4	6.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	76
2	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	60
3	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	007667-55-2	58
4	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	52
5	4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	52





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

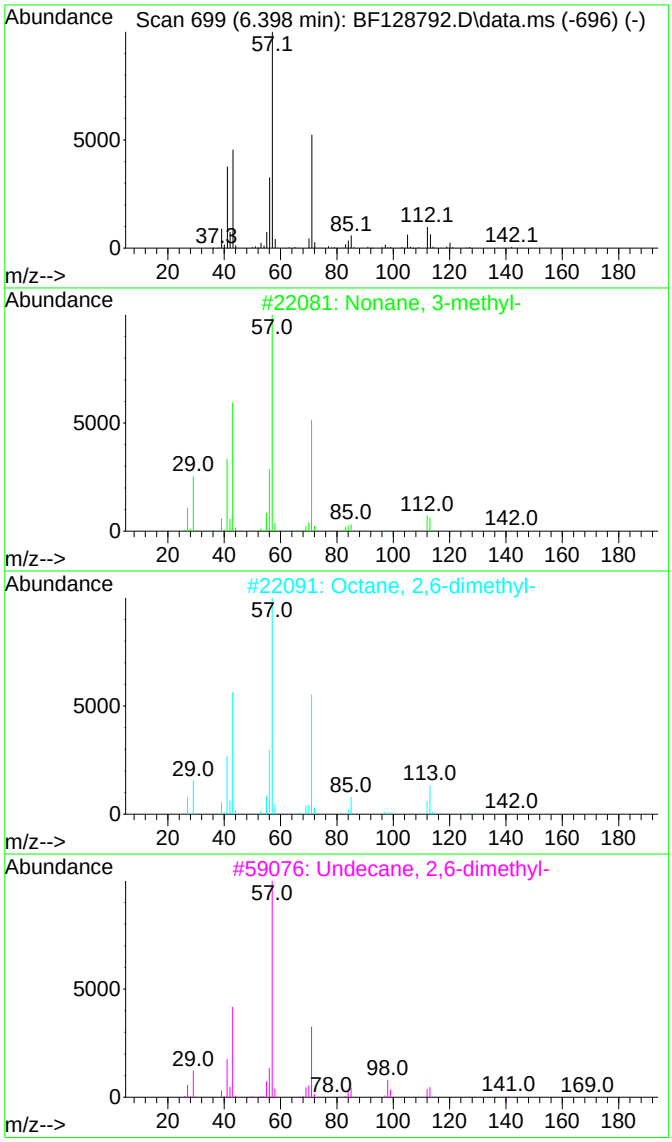
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

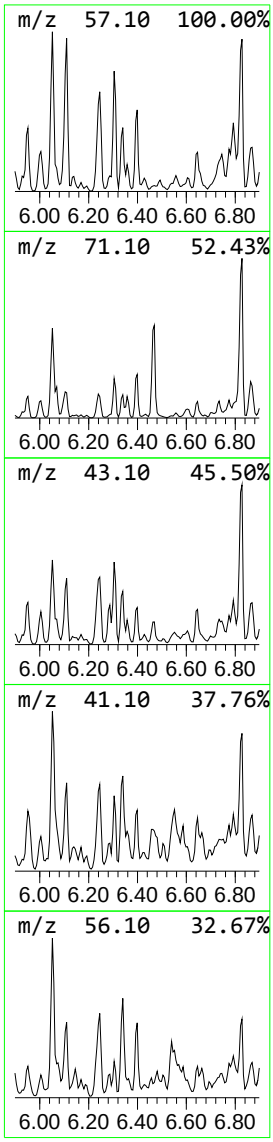
****

Peak Number 11 Nonane, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.398	61.74 ng	892714	1,4-Dichlorobenzene-d4	6.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	90
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	74
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
4	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	64
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59





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Operator : CG\JU
Sample : N3304-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

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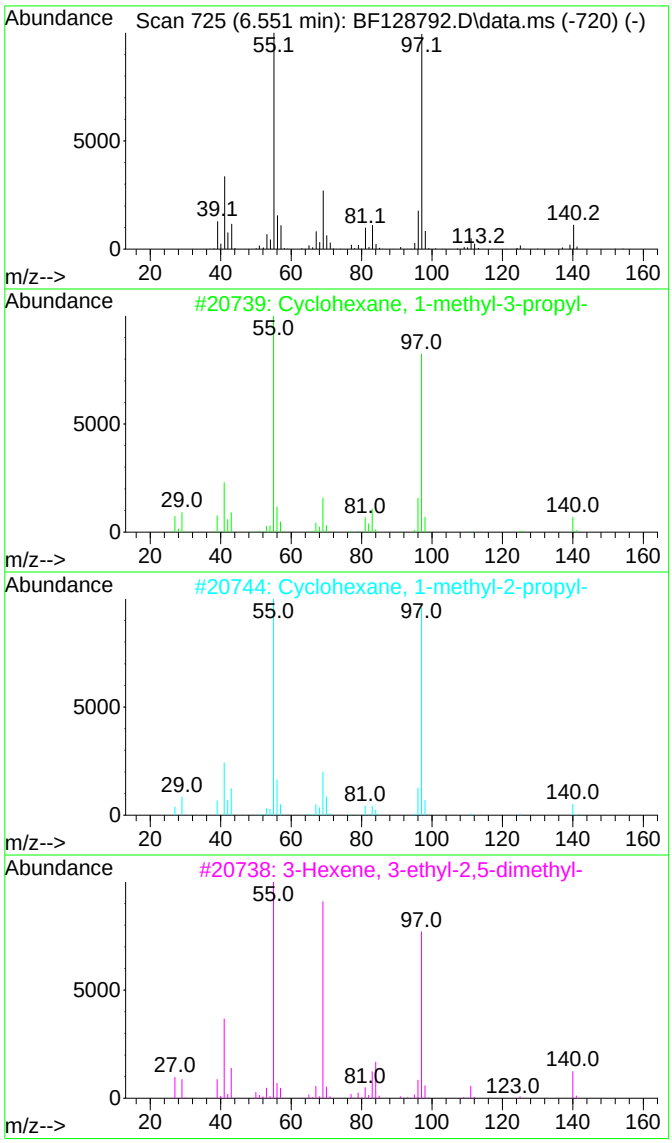
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

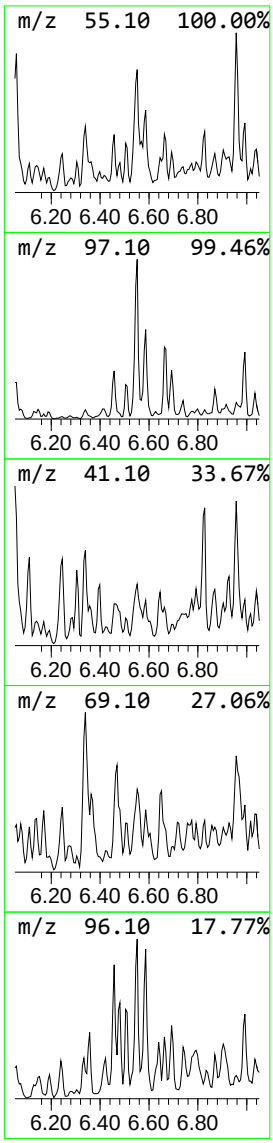
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclohexane, 1-methyl-3-pro... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.551	127.31 ng	1840800	1,4-Dichlorobenzene-d4	6.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	91
2	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	87
3	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	74
4	1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	72
5	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	64





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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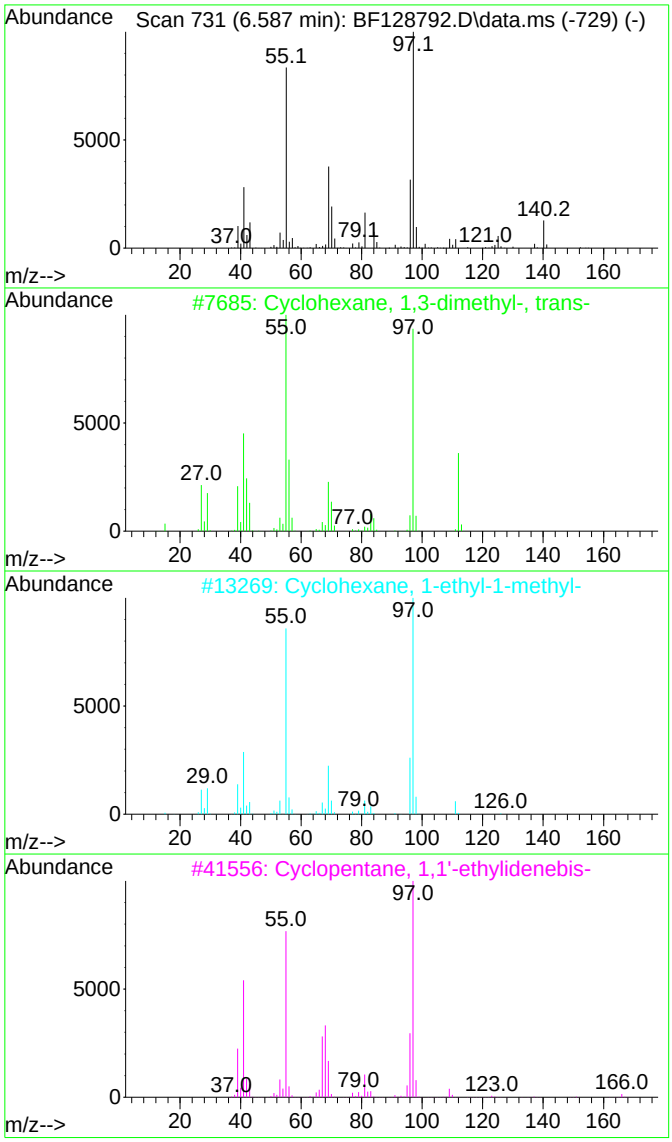
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

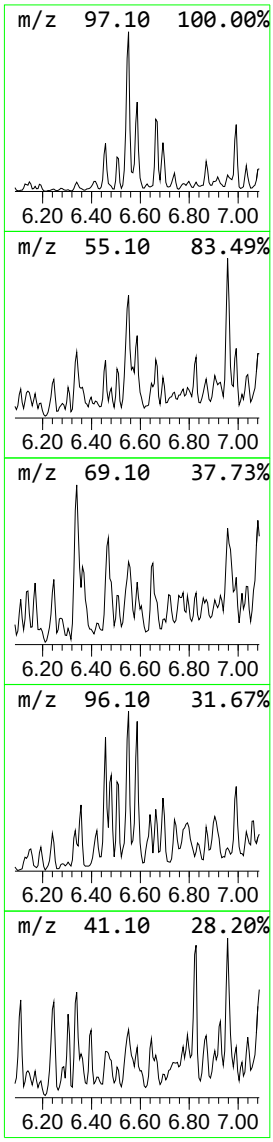
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.587	56.27 ng	813683	1,4-Dichlorobenzene-d4	6.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	59
2	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	59
3	Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	59
4	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	53
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	52





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Sample : N3304-05
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Instrument :
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ClientSampleId :
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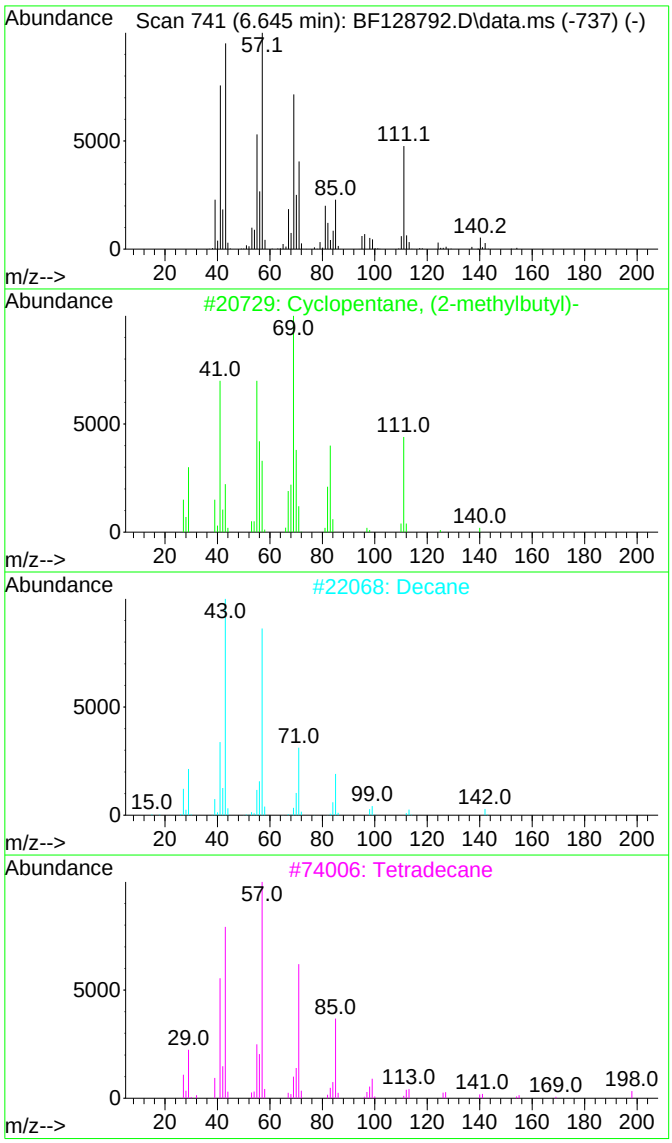
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

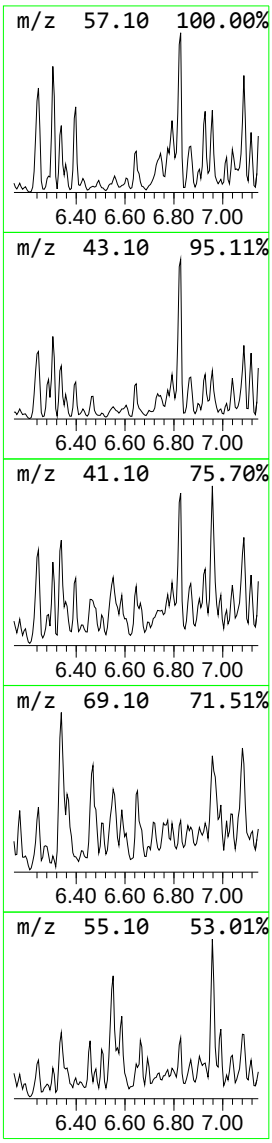
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclopentane, (2-methylbutyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.645	67.07 ng	969753	1,4-Dichlorobenzene-d4	6.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	55
2	Decane	142	C10H22	000124-18-5	55
3	Tetradecane	198	C14H30	000629-59-4	47
4	Undecane	156	C11H24	001120-21-4	43
5	Octane	114	C8H18	000111-65-9	43





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ALS Vial : 18 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

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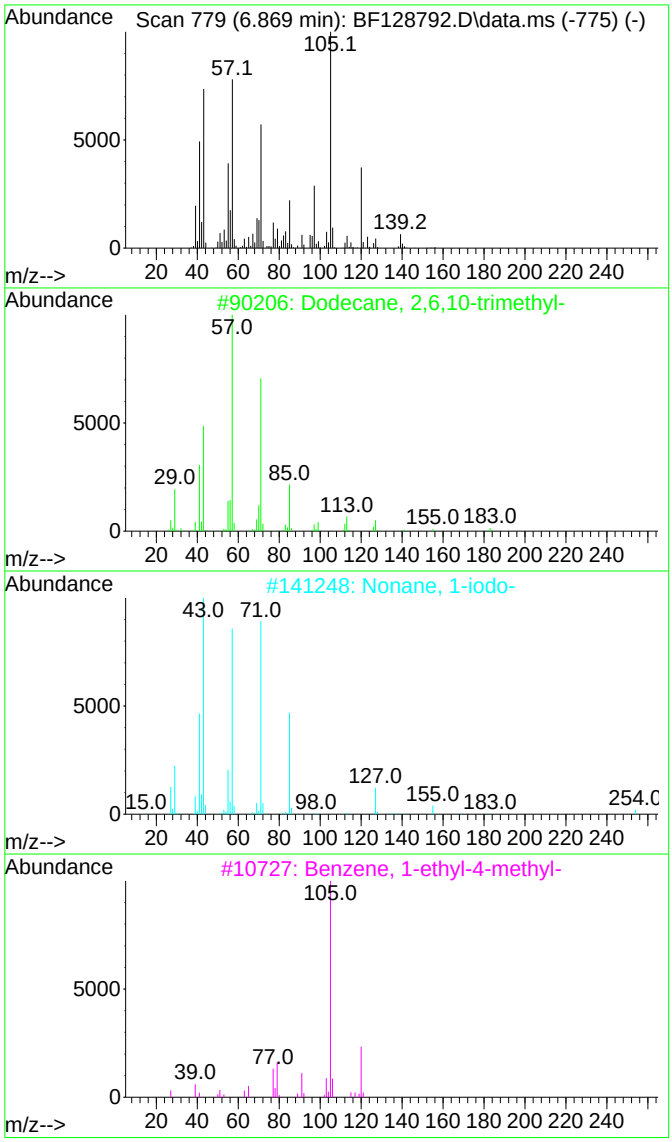
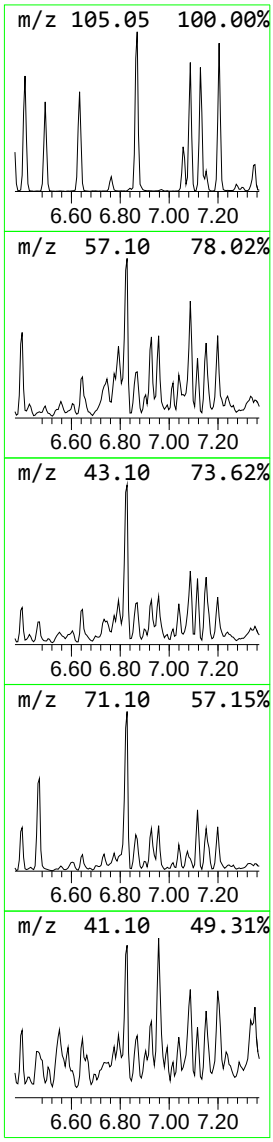
Peak Number 15 unknown6.869 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.869	69.06 ng	998630	1,4-Dichlorobenzene-d4	6.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	43
2	Nonane, 1-iodo-	254	C9H19I	004282-42-2	35
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	35
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	35
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	35





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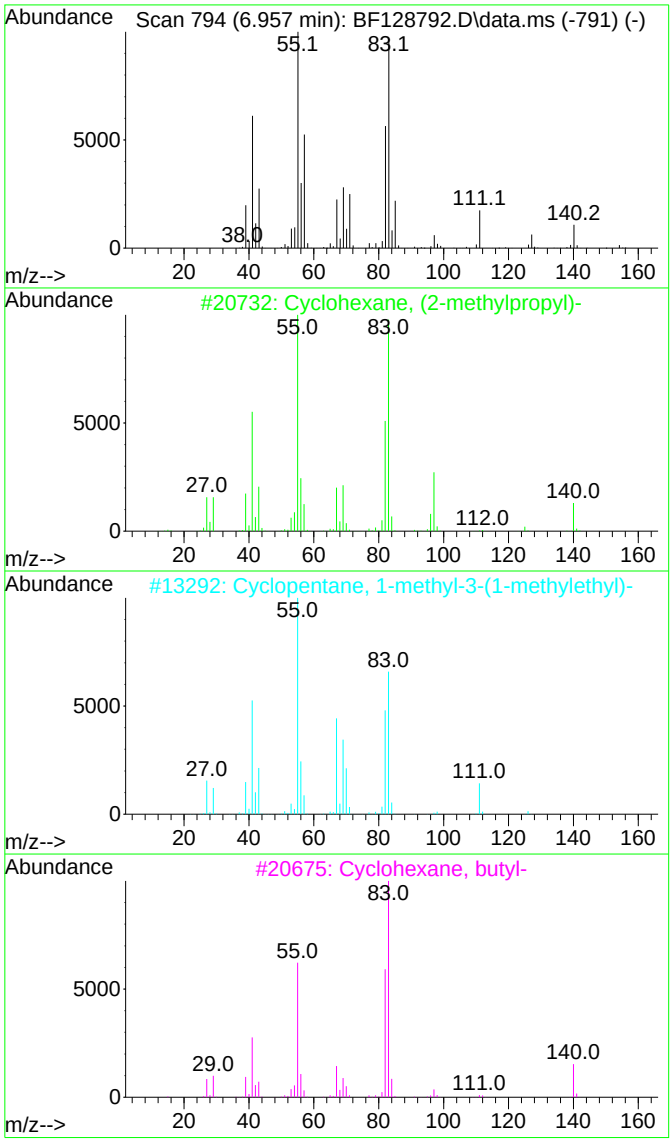
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

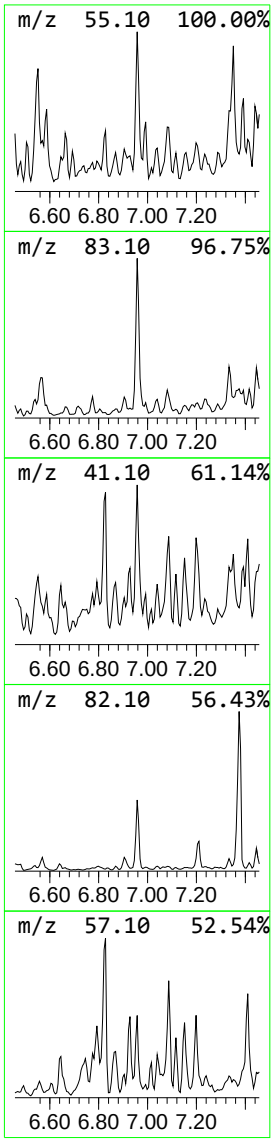
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Cyclohexane, (2-methylpropyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.957	132.14 ng	1910740	1,4-Dichlorobenzene-d4	6.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	76
2	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	62
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	62
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	62
5	Cyclohexane, tetradecyl-	280	C20H40	001795-18-2	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
Data File : BF128792.D
Acq On : 13 Jun 2022 19:14
Operator : CG\JU
Sample : N3304-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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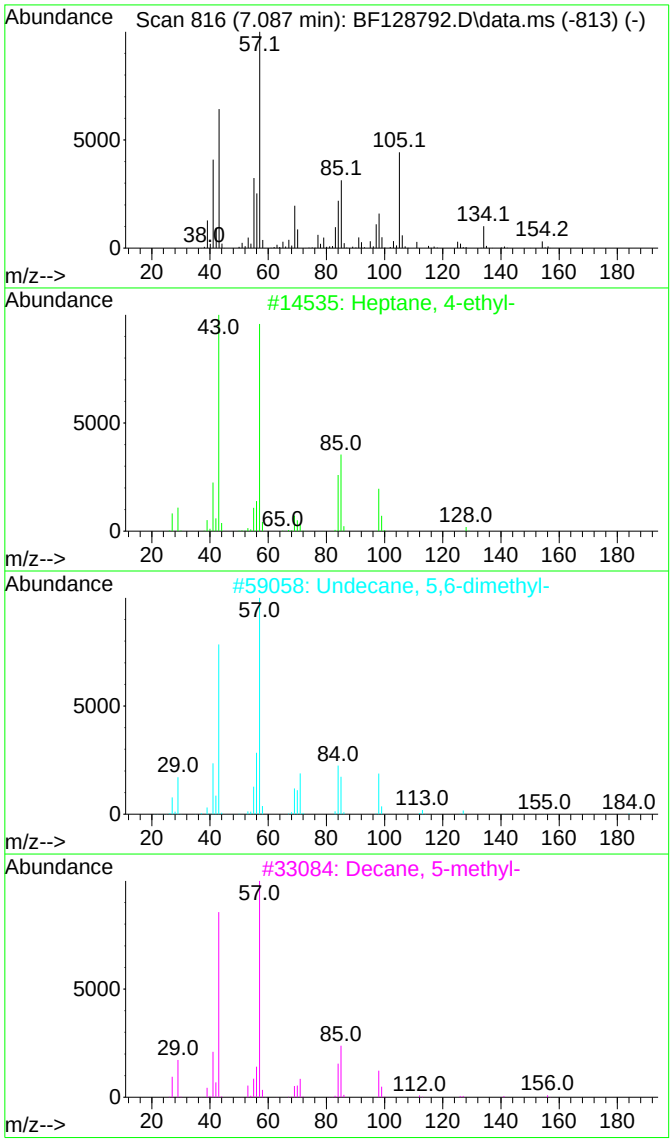
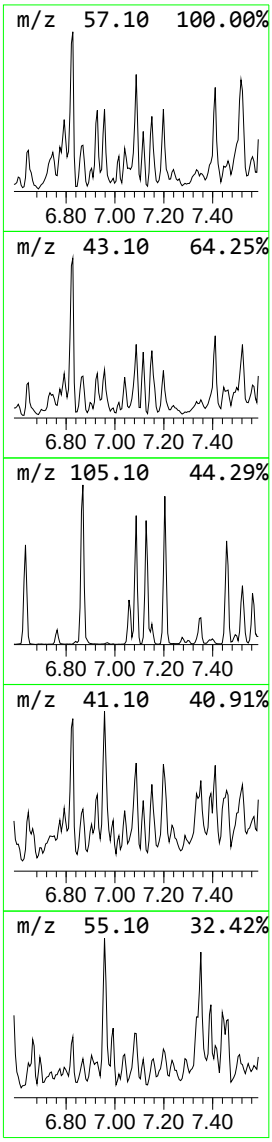
Peak Number 17 Heptane, 4-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.087	113.55 ng	1641900	1,4-Dichlorobenzene-d4	6.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-ethyl-	128	C9H20	002216-32-2	50
2	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	50
3	Decane, 5-methyl-	156	C11H24	013151-35-4	50
4	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	38
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	38





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Data File : BF128792.D
Acq On : 13 Jun 2022 19:14
Operator : CG\JU
Sample : N3304-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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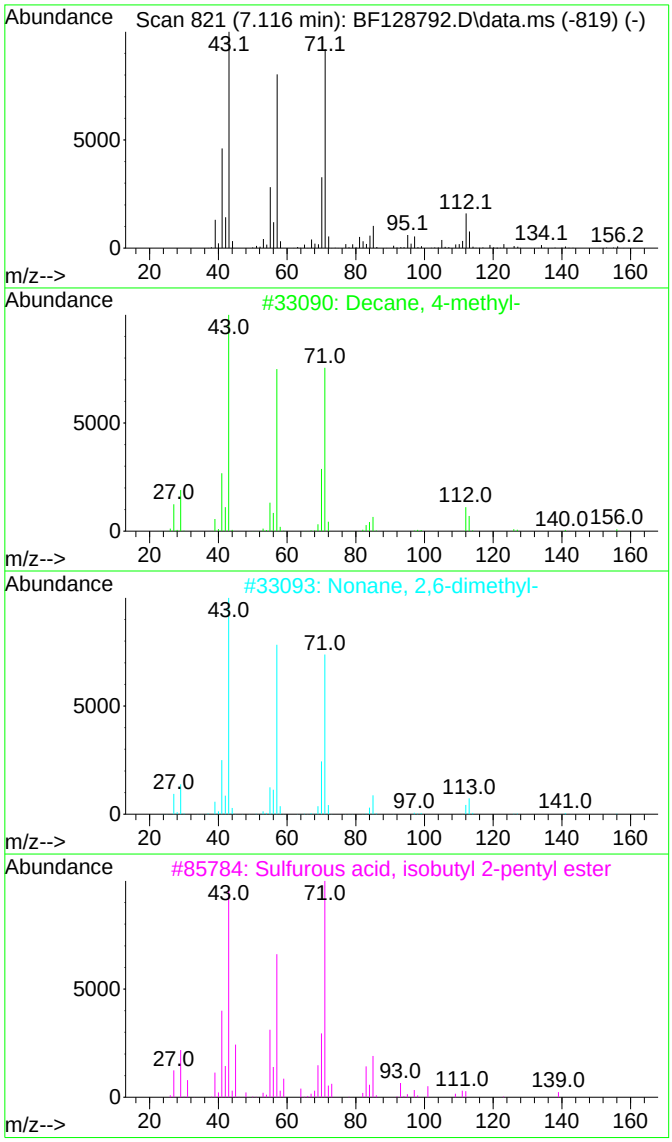
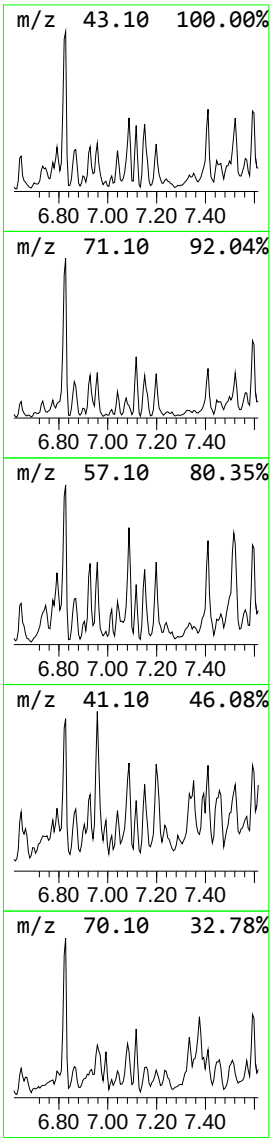
Peak Number 18 Decane, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.116	73.64 ng	1064800	1,4-Dichlorobenzene-d4	6.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	90
2	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	83
3	Sulfurous acid, isobutyl 2-penty...	208	C9H20O3S	1000309-15-2	64
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	64
5	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	64





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Data File : BF128792.D
Acq On : 13 Jun 2022 19:14
Operator : CG\JU
Sample : N3304-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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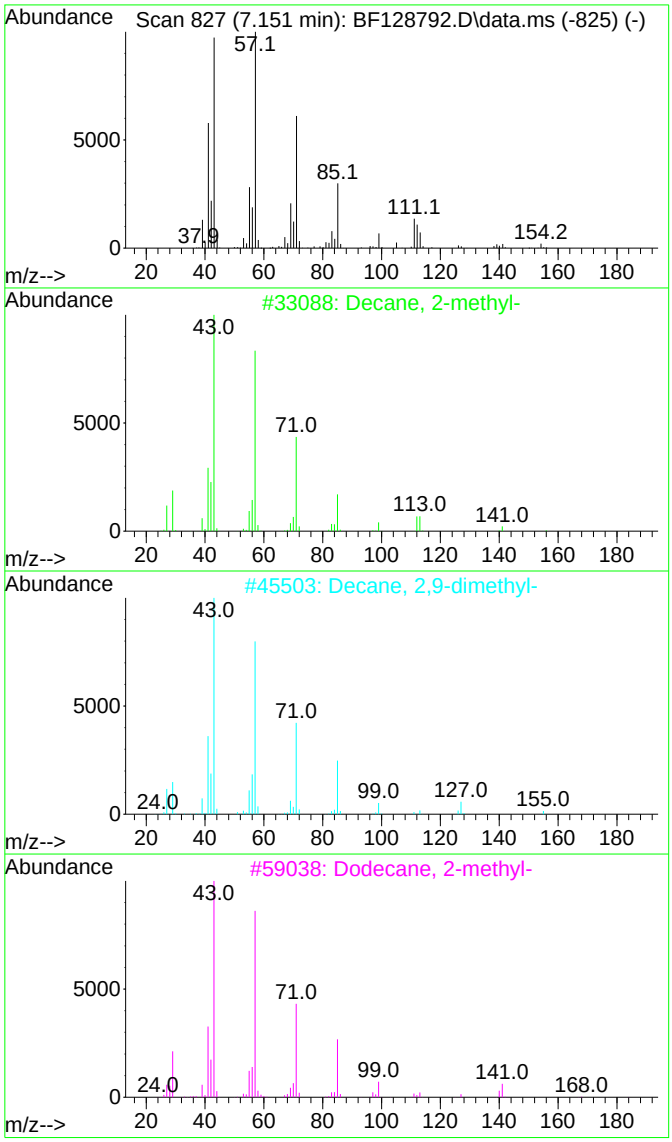
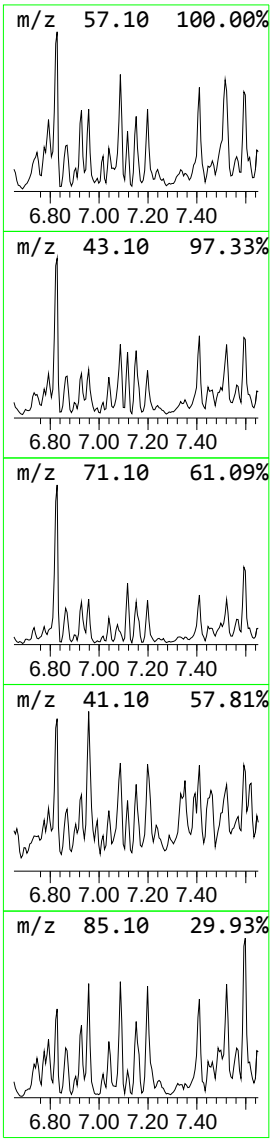
Peak Number 19 Decane, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.151	64.79 ng	936812	1,4-Dichlorobenzene-d4	6.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	90
2	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	59
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	59
4	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	52
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
Data File : BF128792.D
Acq On : 13 Jun 2022 19:14
Operator : CG\JU
Sample : N3304-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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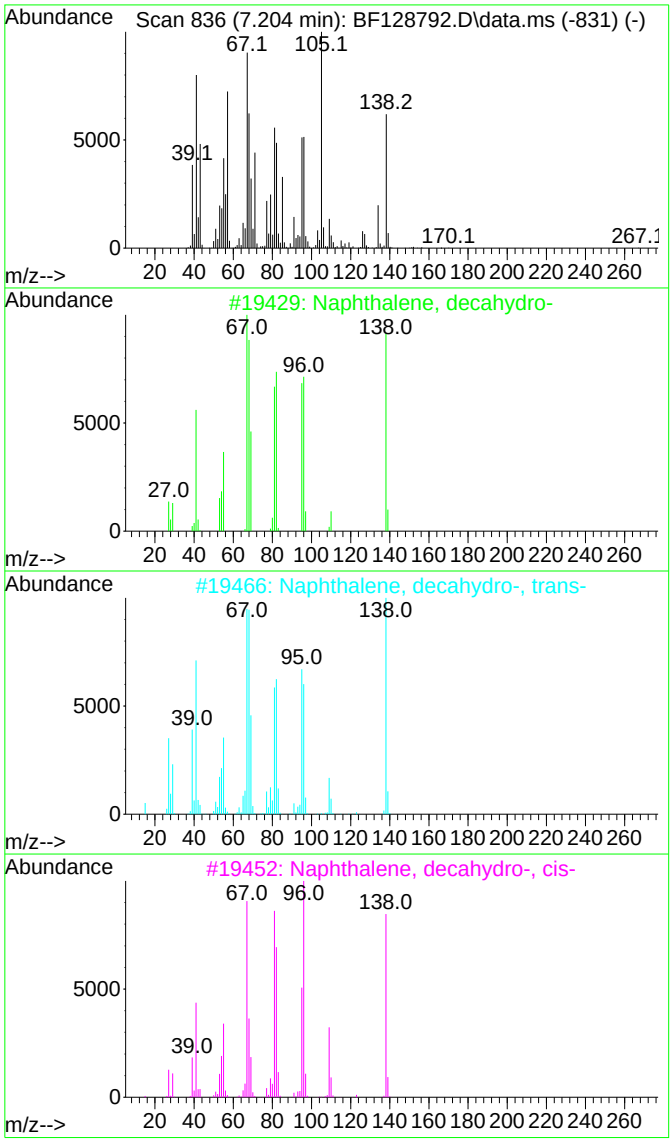
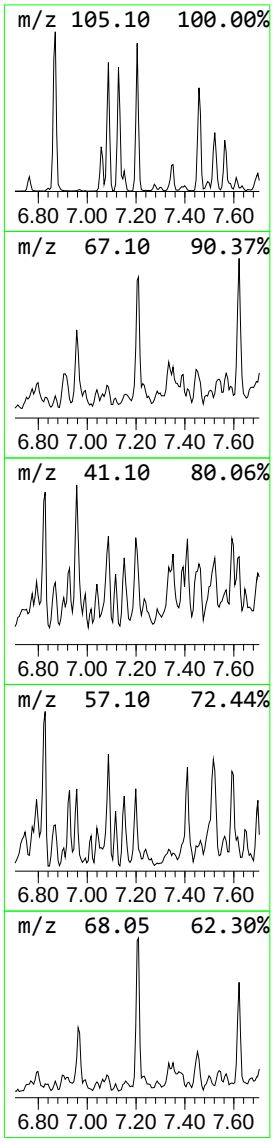
Peak Number 20 Naphthalene, decahydro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.204	138.21 ng	1998540	1,4-Dichlorobenzene-d4	6.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-	138	C10H18	000091-17-8	96
2	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	96
3	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	83
4	Spiro[4.5]decane	138	C10H18	000176-63-6	64
5	Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
Data File : BF128792.D
Acq On : 13 Jun 2022 19:14
Operator : CG\JU
Sample : N3304-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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
Cyclohexane, 1,...	5.198	61.7	ng	892238	1	6.810	289197	20.0
unknown5.387	5.387	65.9	ng	952523	1	6.810	289197	20.0
1-Ethyl-4-methy...	5.822	85.9	ng	1241680	1	6.810	289197	20.0
Hexane, 2,3,3-t...	5.875	55.4	ng	800845	1	6.810	289197	20.0
7-Methylbicyclo...	5.957	109.1	ng	1578100	1	6.810	289197	20.0
Octane, 2,6-dim...	6.051	191.8	ng	2773900	1	6.810	289197	20.0
Heptane, 3-ethy...	6.110	71.3	ng	1030830	1	6.810	289197	20.0
Undecane, 5,6-d...	6.245	124.7	ng	1803650	1	6.810	289197	20.0
Nonane, 4-methyl-	6.304	58.0	ng	839095	1	6.810	289197	20.0
Cyclohexane, 1,...	6.340	112.8	ng	1630540	1	6.810	289197	20.0
Nonane, 3-methyl-	6.398	61.7	ng	892714	1	6.810	289197	20.0
Cyclohexane, 1-...	6.551	127.3	ng	1840800	1	6.810	289197	20.0
Cyclohexane, 1,...	6.587	56.3	ng	813683	1	6.810	289197	20.0
Cyclopentane, (...	6.645	67.1	ng	969753	1	6.810	289197	20.0
unknown6.869	6.869	69.1	ng	998630	1	6.810	289197	20.0
Cyclohexane, (2...	6.957	132.1	ng	1910740	1	6.810	289197	20.0
Heptane, 4-ethyl-	7.087	113.6	ng	1641900	1	6.810	289197	20.0
Decane, 4-methyl-	7.116	73.6	ng	1064800	1	6.810	289197	20.0
Decane, 2-methyl-	7.151	64.8	ng	936812	1	6.810	289197	20.0
Naphthalene, de...	7.204	138.2	ng	1998540	1	6.810	289197	20.0