LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
Data File : BF130353.D
Acq On : 20 Sep 2022 20:02
Operator : CG\JU
Sample : N4630-11 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-17-4-3

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-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130353.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.763	442	455	460	rBV4	74733	167396	7.76%	0.486%
2	4.822	460	465	470	rBV2	145530	172197	7.98%	0.500%
3	5.034	496	501	504	rBV	158619	161389	7.48%	0.469%
4	5.228	527	534	537	rBV2	81518	144228	6.69%	0.419%
5	5.257	537	539	545	rVB	340574	334290	15.50%	0.971%
6	5.404	561	564	569	rBV3	119139	174786	8.10%	0.507%
7	5.451	569	572	575	rVV	173564	154193	7.15%	0.448%
8	5.492	575	579	582	rVV2	117455	161777	7.50%	0.470%
9	5.669	602	609	612	rVB2	202209	327950	15.20%	0.952%
10	5.722	612	618	620	rBV3	122841	184709	8.56%	0.536%
11	5.804	626	632	637	rVB2	422022	461598	21.40%	1.340%
12	5.857	637	641	646	rBV2	136052	253714	11.76%	0.737%
13	5.904	646	649	655	rVV2	786549	910536	42.21%	2.644%
14	5.957	655	658	661	rVV	415196	415067	19.24%	1.205%
15	5.992	661	664	667	rVV3	121403	199846	9.26%	0.580%
16	6.098	675	682	684	rBV2	401096	526543	24.41%	1.529%
17	6.157	690	692	694	rVV	151361	121662	5.64%	0.353%
18	6.187	694	697	700	rVV	484489	526851	24.42%	1.530%
19	6.216	700	702	706	rVB	206506	197923	9.17%	0.575%
20	6.263	706	710	715	rBV4	154755	302297	14.01%	0.878%
21	6.304	715	717	719	rVV	464922	423102	19.61%	1.228%
22	6.328	719	721	723	rVV	273505	243694	11.30%	0.708%
23	6.357	723	726	729	rVV2	152768	162647	7.54%	0.472%
24	6.398	729	733	738	rVV4	318268	622529	28.86%	1.807%
25	6.439	738	740	742	rVV	216569	210262	9.75%	0.610%
26	6.487	745	748	750	rVV	239529	254375	11.79%	0.739%
27	6.516	752	753	756	rVB2	203197	128607	5.96%	0.373%
28	6.604	763	768	769	rBV3	137638	168116	7.79%	0.488%
29	6.628	770	772	774	rVV3	181883	174285	8.08%	0.506%
30	6.663	774	778	779	rVV2	729259	710390	32.93%	2.062%
31	6.681	779	781	785	rVB2	603758	480901	22.29%	1.396%
32	6.722	785	788	791	rBV	317510	326122	15.12%	0.947%
33	6.757	791	794	796	rVV2	144051	160786	7.45%	0.467%
34	6.781	796	798	801	rVV	261421	280574	13.01%	0.815%
35	6.810	801	803	807	rVV	598093	579942	26.88%	1.684%
36	6.845	807	809	811	rVB	219890	168153	7.79%	0.488%

LSC Area Percent Report

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Operator : CG\JU
Sample : N4630-11 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-17-4-3

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-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	6.898	815	818	819	rBV3	154807	128262	5.95%	0.372%
38	6.934	819	824	829	rVB5	361391	602622	27.93%	1.750%
39	6.987	829	833	835	rBV2	154811	165913	7.69%	0.482%
40	7.010	835	837	842	rVB	198488	184853	8.57%	0.537%
41	7.057	842	845	848	rBV3	406123	366971	17.01%	1.065%
42	7.098	848	852	855	rVV4	105781	146971	6.81%	0.427%
43	7.204	863	870	872	rBV4	365797	657970	30.50%	1.910%
44	7.222	872	873	875	rVV2	248090	217877	10.10%	0.633%
45	7.245	875	877	879	rVV2	213373	216375	10.03%	0.628%
46	7.310	883	888	892	rBV5	352548	557892	25.86%	1.620%
47	7.357	892	896	897	rBV2	133938	157003	7.28%	0.456%
48	7.381	897	900	904	rVV6	163363	213946	9.92%	0.621%
49	7.422	904	907	908	rVV	207849	210210	9.74%	0.610%
50	7.451	908	912	913	rVV2	207261	297811	13.80%	0.865%
51	7.469	913	915	917	rVB2	431698	337038	15.62%	0.979%
52	7.569	927	932	933	rBV2	207921	268692	12.45%	0.780%
53	7.686	945	952	955	rBV2	466595	579170	26.85%	1.681%
54	7.722	955	958	962	rVB2	368444	353980	16.41%	1.028%
55	7.769	962	966	970	rVB4	244797	291119	13.49%	0.845%
56	7.828	970	976	978	rBV3	135575	253194	11.74%	0.735%
57	7.886	983	986	987	rBV2	186950	158081	7.33%	0.459%
58	7.945	991	996	999	rBV	781817	792941	36.76%	2.302%
59	8.010	1005	1007	1010	rVB	413627	349029	16.18%	1.013%
60	8.039	1010	1012	1015	rBV2	192311	171346	7.94%	0.497%
61	8.104	1019	1023	1028	rBV7	86804	176587	8.19%	0.513%
62	8.239	1041	1046	1049	rBV3	321322	339921	15.76%	0.987%
63	8.298	1053	1056	1059	rVV2	436055	454429	21.06%	1.319%
64	8.328	1059	1061	1064	rVV3	141464	129986	6.03%	0.377%
65	8.375	1066	1069	1071	rVV	549216	518364	24.03%	1.505%
66	8.410	1073	1075	1078	rVB2	202087	170224	7.89%	0.494%
67	8.445	1079	1081	1084	rVB3	143338	135998	6.30%	0.395%
68	8.486	1084	1088	1090	rBV2	134073	153753	7.13%	0.446%
69	8.539	1095	1097	1101	rBV4	108887	149343	6.92%	0.434%
70	8.604	1106	1108	1110	rVV2	160879	159236	7.38%	0.462%
71	8.639	1110	1114	1120	rVB3	213925	309107	14.33%	0.897%
72	8.733	1126	1130	1131	rBV3	81721	126804	5.88%	0.368%
73	8.757	1131	1134	1137	rVB2	251319	224830	10.42%	0.653%
74	8.822	1143	1145	1148	rBV2	166701	158789	7.36%	0.461%
75	8.857	1148	1151	1155	rVB	218590	225715	10.46%	0.655%
76	8.969	1167	1170	1173	rBV	560360	444262	20.59%	1.290%

LSC Area Percent Report

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Operator : CG\JU
Sample : N4630-11 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-17-4-3

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
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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	9.022	1176	1179	1183	rVB	387414	319935	14.83%	0.929%
78	9.104	1189	1193	1194	rBV3	154842	196962	9.13%	0.572%
79	9.404	1242	1244	1245	rVV	163566	134091	6.22%	0.389%
80	9.428	1245	1248	1250	rVB	751651	617552	28.63%	1.793%
81	9.557	1268	1270	1276	rBV5	128415	180408	8.36%	0.524%
82	9.604	1276	1278	1281	rVB	316247	258438	11.98%	0.750%
83	9.639	1281	1284	1287	rBV3	124585	175009	8.11%	0.508%
84	9.675	1287	1290	1291	rBV	254918	226942	10.52%	0.659%
85	9.698	1291	1294	1297	rVB2	1018130	990115	45.90%	2.875%
86	9.810	1310	1313	1316	rVB2	123022	123671	5.73%	0.359%
87	9.898	1325	1328	1330	rVB	180082	156079	7.23%	0.453%
88	9.963	1336	1339	1345	rVB3	252194	262570	12.17%	0.762%
89	10.016	1345	1348	1353	rBV5	160661	256560	11.89%	0.745%
90	10.063	1354	1356	1360	rBV3	118231	149642	6.94%	0.434%
91	10.098	1360	1362	1364	rBV2	175844	158286	7.34%	0.460%
92	10.239	1383	1386	1387	rBV3	170734	191530	8.88%	0.556%
93	10.357	1402	1406	1409	rVB	850555	814304	37.75%	2.364%
94	10.439	1418	1420	1422	rBV2	120234	119680	5.55%	0.347%
95	10.480	1422	1427	1431	rVV2	287881	559947	25.96%	1.626%
96	10.622	1446	1451	1457	rBV	1894619	2157332	100.00%	6.263%
97	11.086	1527	1530	1534	rVB	1527641	1489993	69.07%	4.326%
98	11.180	1543	1546	1548	rBV	739858	599003	27.77%	1.739%
99	11.439	1587	1590	1593	rBV	536557	455675	21.12%	1.323%
100	12.774	1814	1817	1824	rBV	1015204	1299925	60.26%	3.774%

Sum of corrected areas: 34443700

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Data File : BF130353.D
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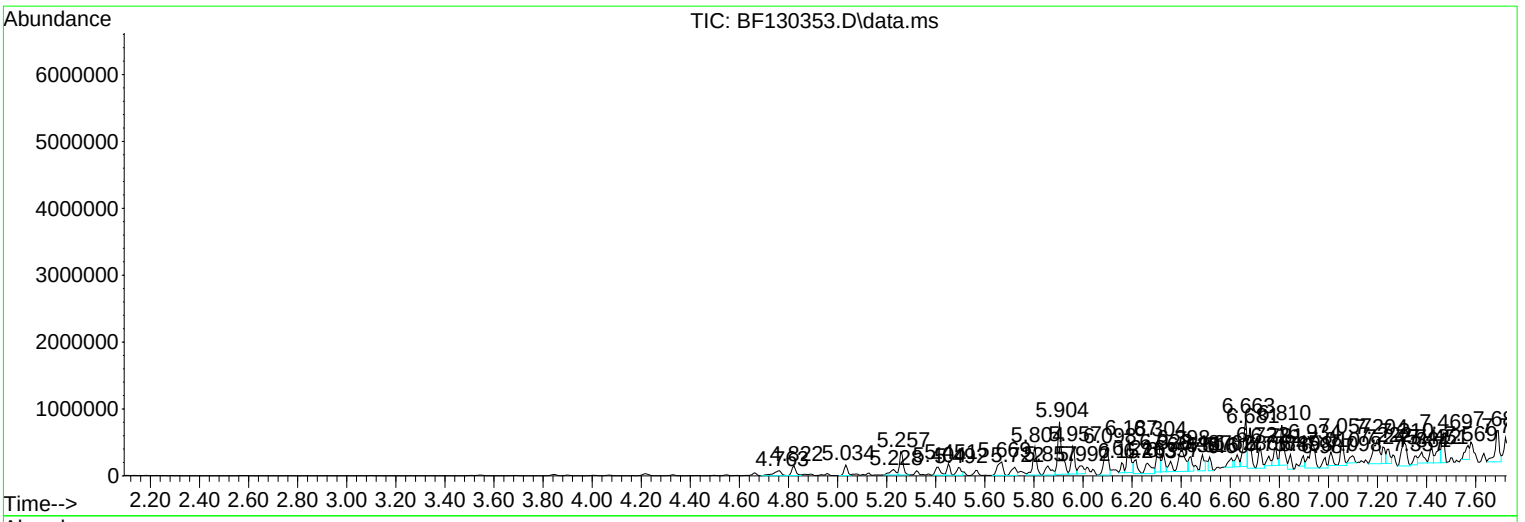
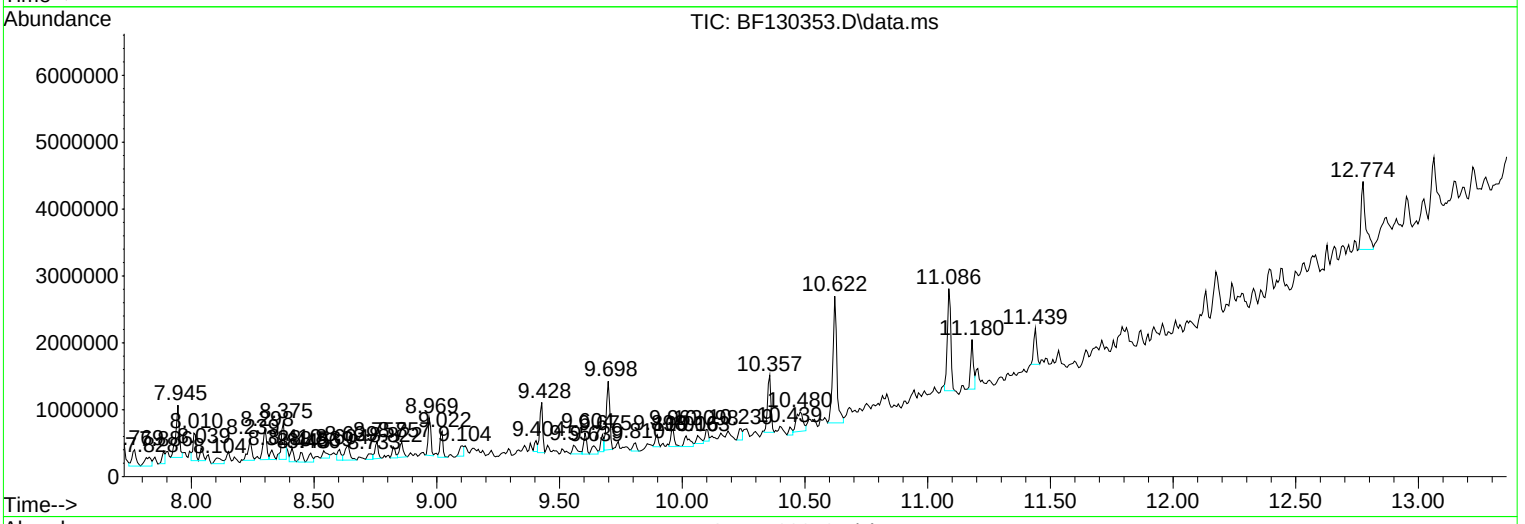
Operator : CG\JU
Sample : N4630-11 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

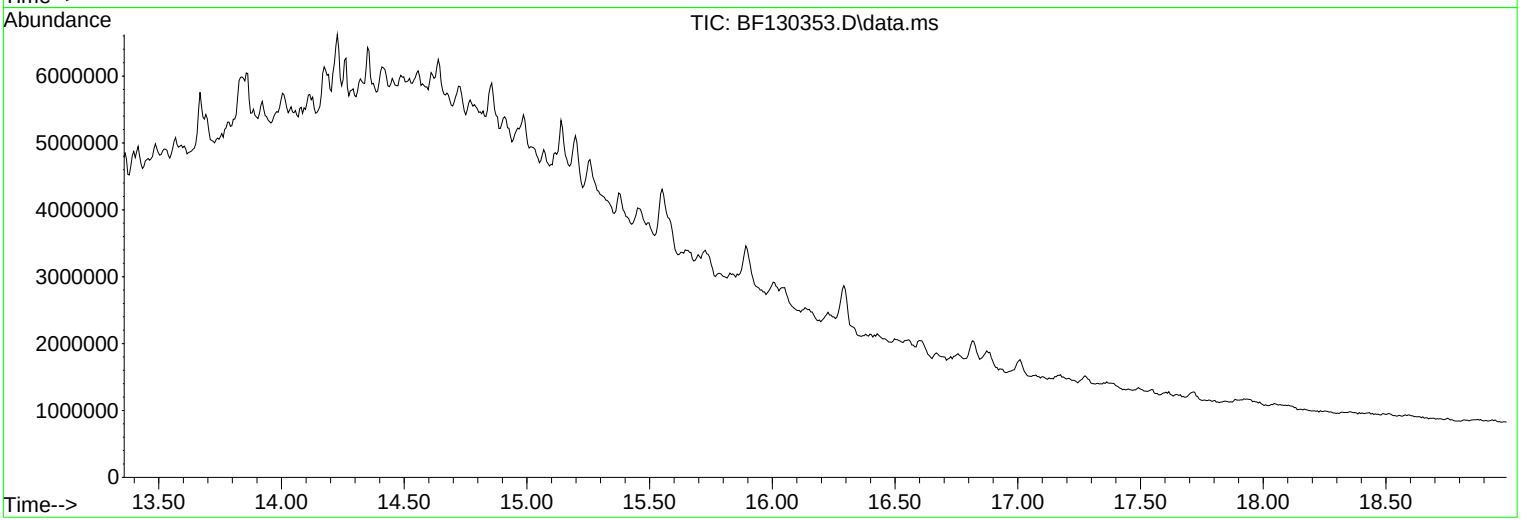
Instrument :
BNA_F
ClientSampleId :
WC-17-4-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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\BF092022\
Data File : BF130353.D
Acq On : 20 Sep 2022 20:02
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Sample : N4630-11 5X
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Instrument :
BNA_F
ClientSampleId :
WC-17-4-3

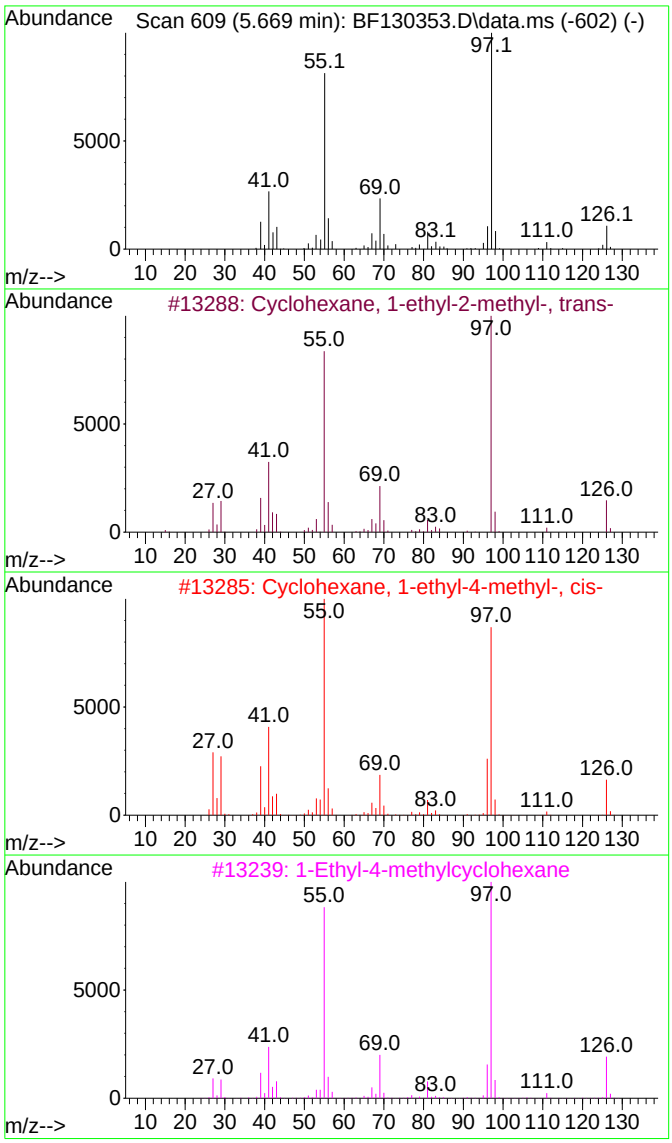
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

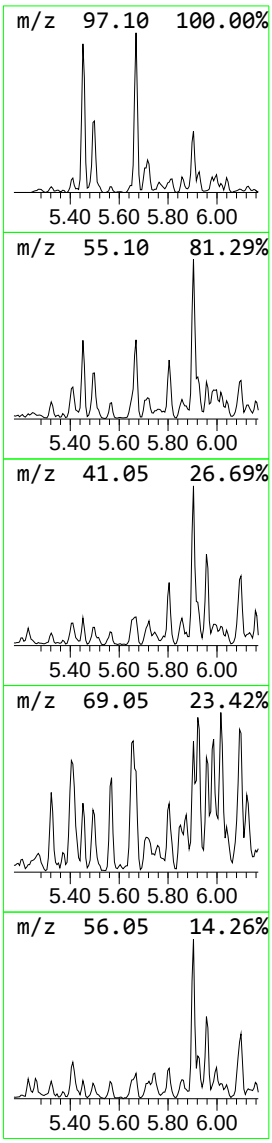
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.669	9.23 ng	327950	1,4-Dichlorobenzene-d4	6.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	90
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	90
3	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	87
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	87
5	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
Data File : BF130353.D
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Sample : N4630-11 5X
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Instrument :
BNA_F
ClientSampleId :
WC-17-4-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

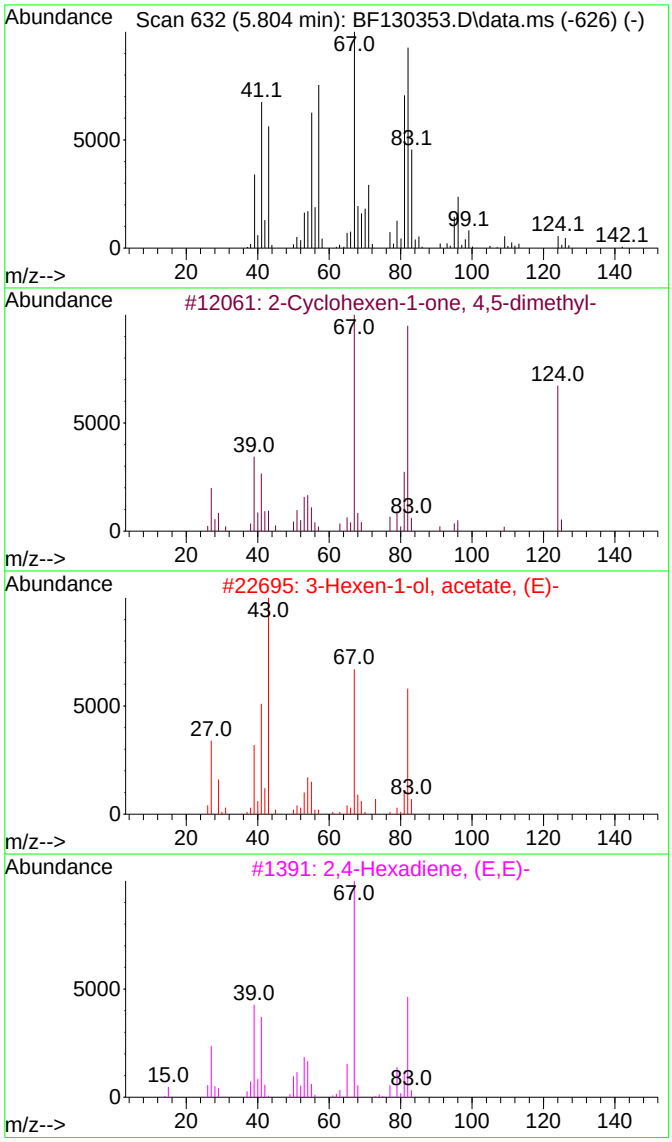
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

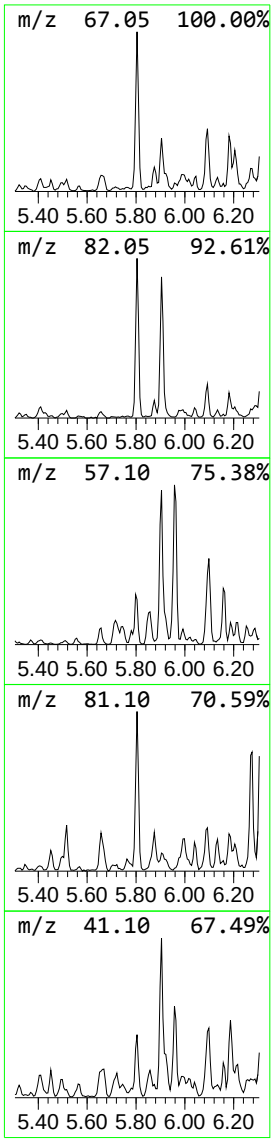
****

Peak Number 2 unknown5.804 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.804	13.00 ng	461598	1,4-Dichlorobenzene-d4	6.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one, 4,5-dimethyl-	124	C8H12O	005715-25-3	47
2	3-Hexen-1-ol, acetate, (E)-	142	C8H14O2	003681-82-1	47
3	2,4-Hexadiene, (E,E)-	82	C6H10	005194-51-4	46
4	1,3-Pentadiene, 2-methyl-, (E)-	82	C6H10	000926-54-5	43
5	4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	43





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

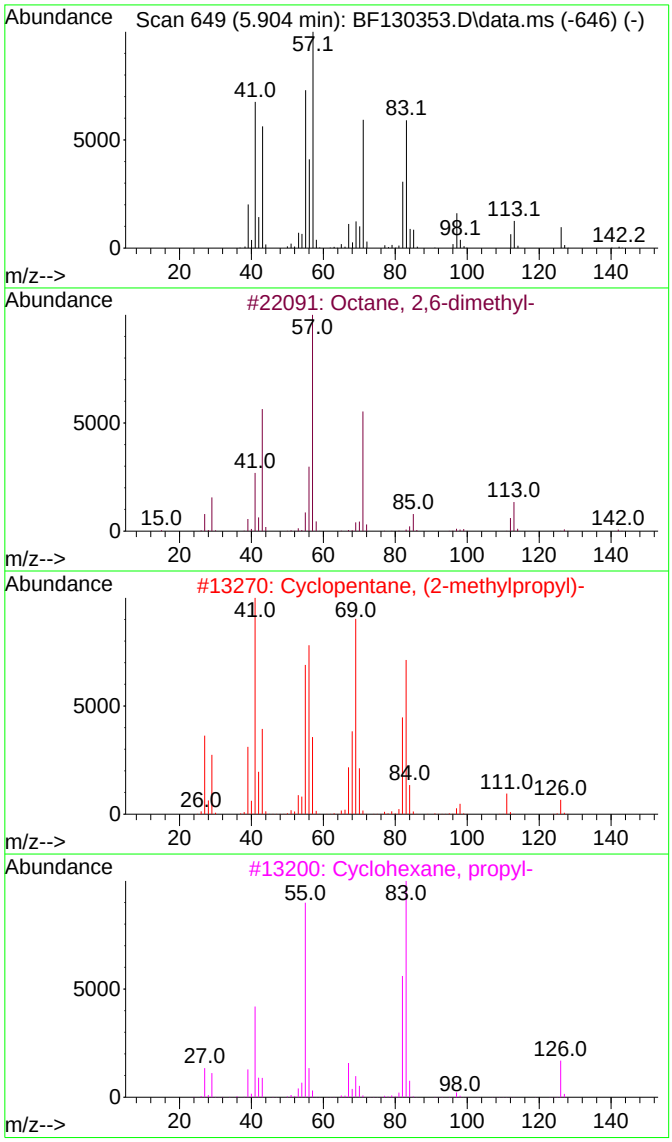
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

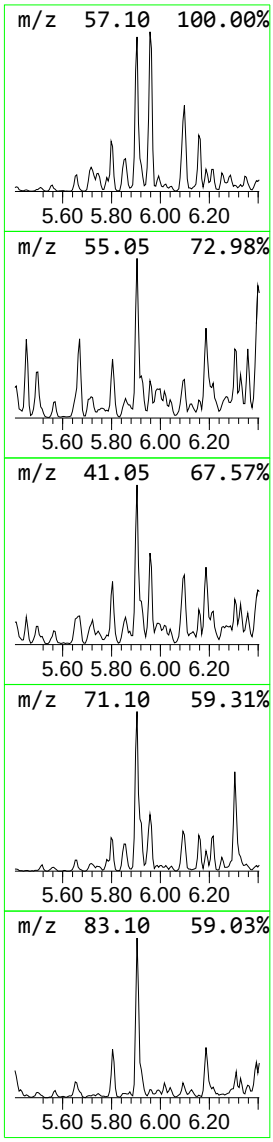
****

Peak Number 3 unknown5.904 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.904	25.63 ng	910536	1,4-Dichlorobenzene-d4	6.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	43
2	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	41
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	38
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	35
5	cis-2-Nonene	126	C9H18	006434-77-1	27





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Data File : BF130353.D
Acq On : 20 Sep 2022 20:02
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

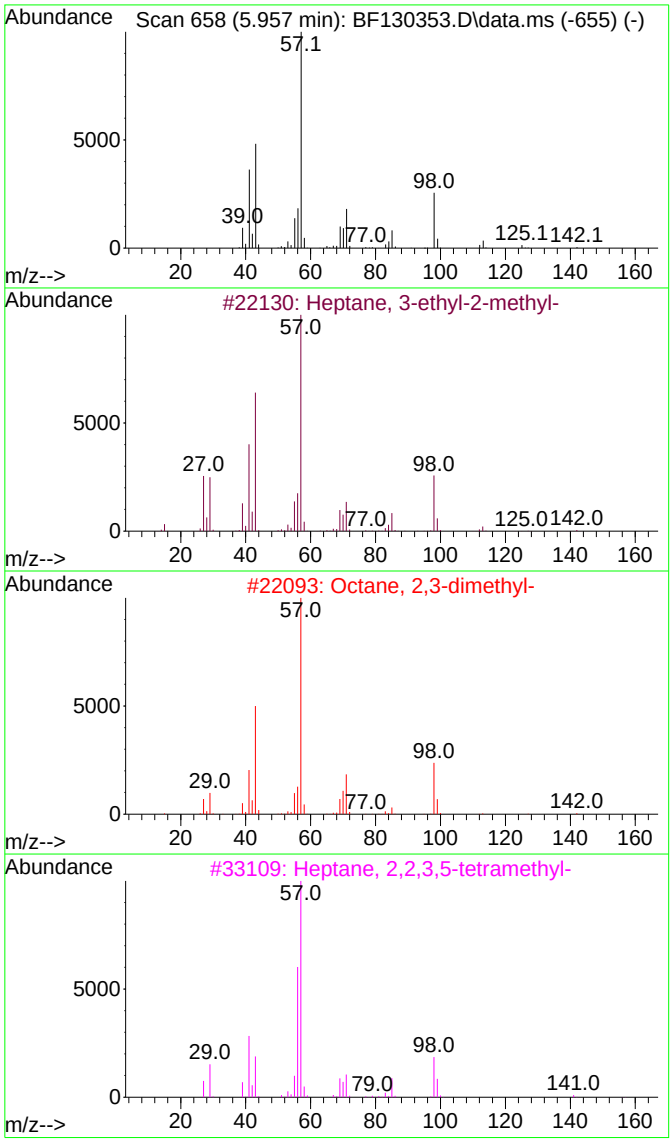
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

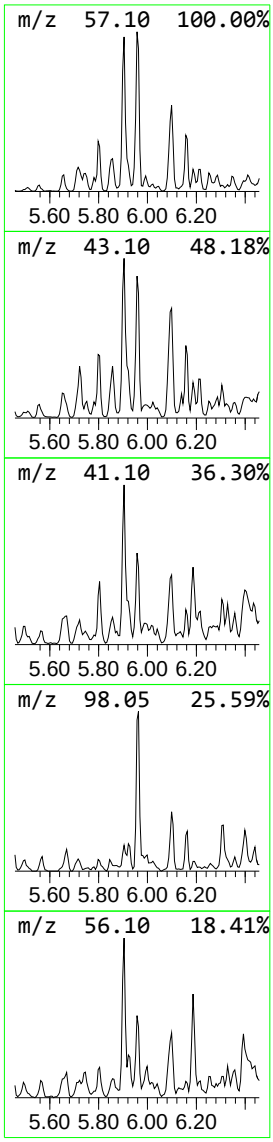
****

Peak Number 4 Heptane, 3-ethyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.957	11.69 ng	415067	1,4-Dichlorobenzene-d4	6.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	91
2	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	64
3	Heptane, 2,2,3,5-tetramethyl-	156	C11H24	061868-42-6	53
4	Decane, 5-methyl-	156	C11H24	013151-35-4	53
5	Heptane, 4-propyl-	142	C10H22	003178-29-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
Data File : BF130353.D
Acq On : 20 Sep 2022 20:02
Operator : CG\JU
Sample : N4630-11 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-17-4-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

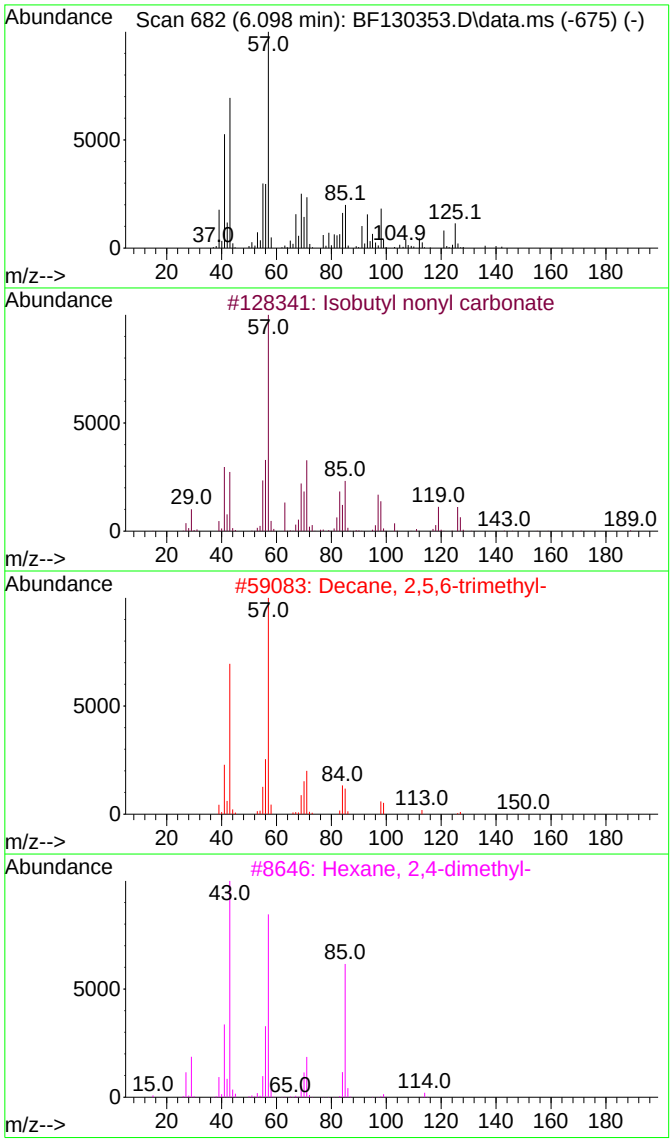
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

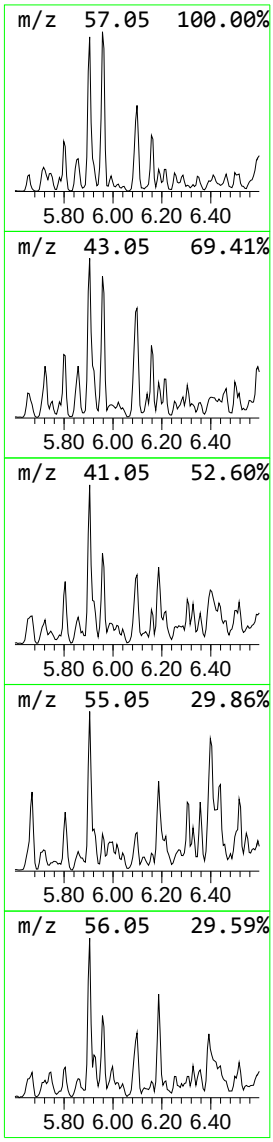
****

Peak Number 5 Isobutyl nonyl carbonate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.098	14.82 ng	526543	1,4-Dichlorobenzene-d4	6.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	53
2	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	50
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	47
4	Decane	142	C10H22	000124-18-5	43
5	Oxalic acid, isobutyl hexyl ester	230	C12H22O4	1000309-37-1	43





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Acq On : 20 Sep 2022 20:02
Operator : CG\JU
Sample : N4630-11 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-17-4-3

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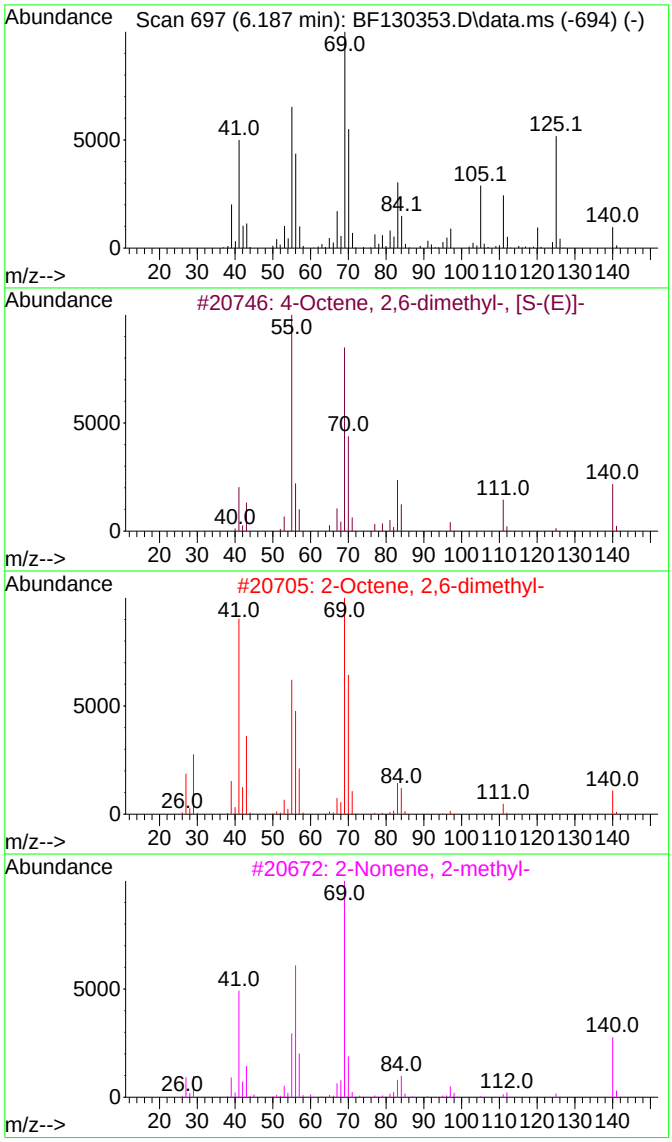
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

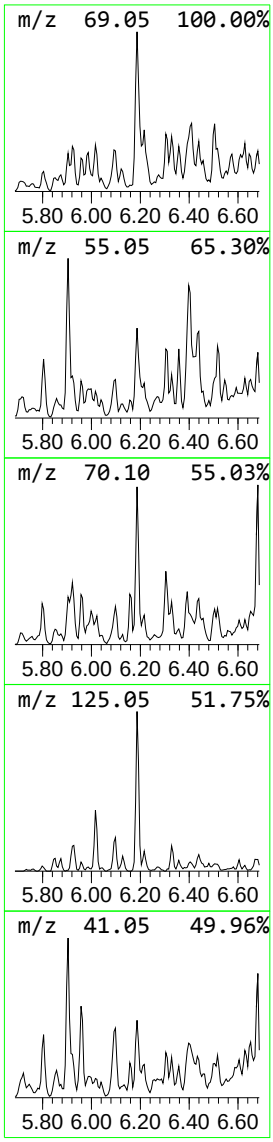
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4-Octene, 2,6-dimethyl-, [S... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.187	14.83 ng	526851	1,4-Dichlorobenzene-d4	6.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	64
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	52
3	2-Nonene, 2-methyl-	140	C10H20	002129-95-5	46
4	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	38
5	2-Methyl-2-heptene	112	C8H16	000627-97-4	38





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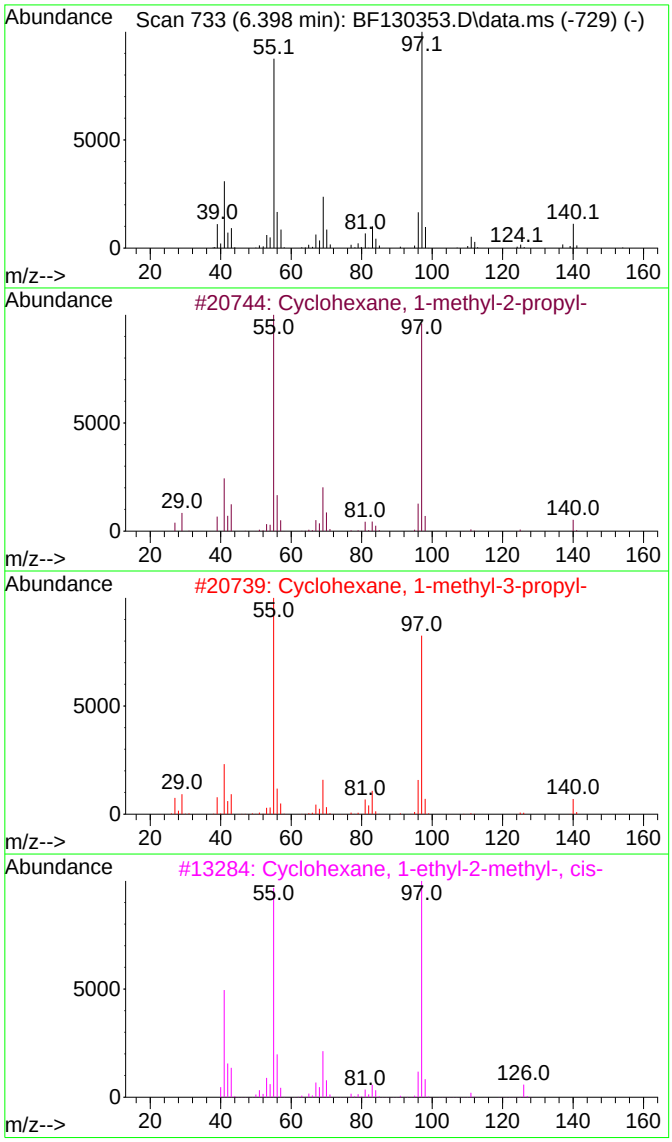
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

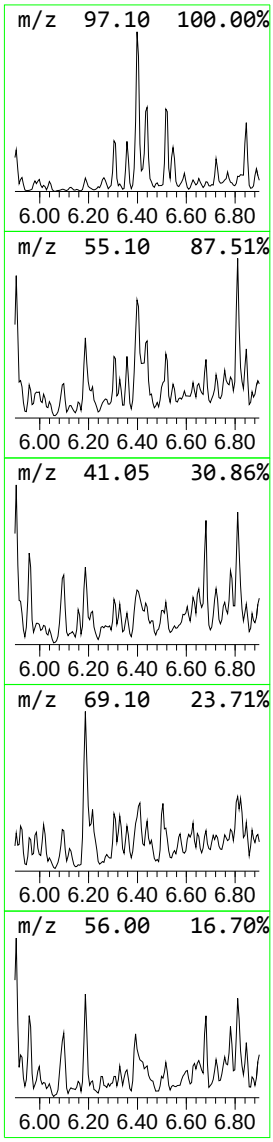
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclohexane, 1-methyl-2-pro... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.398	17.53 ng	622529	1,4-Dichlorobenzene-d4	6.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	93
2	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	90
3	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	87
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	83
5	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	81





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ClientSampleId :
WC-17-4-3

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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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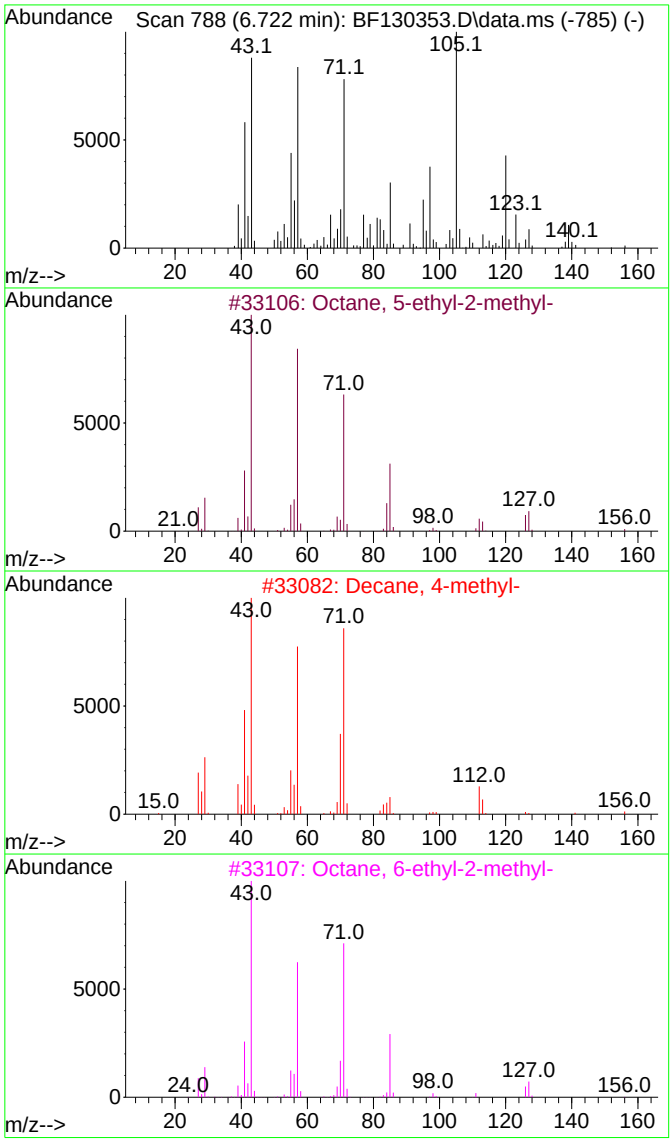
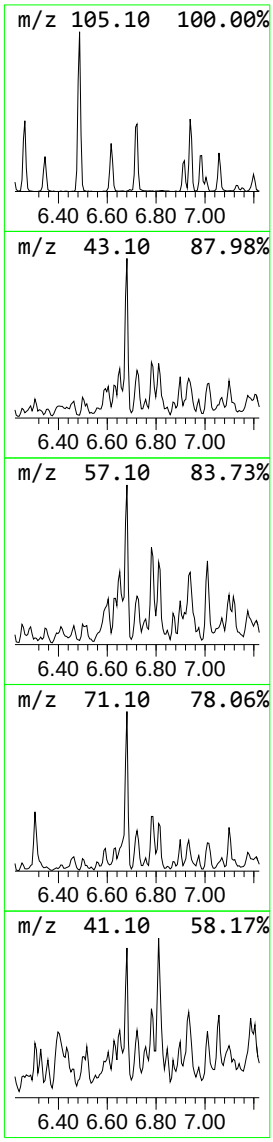
Peak Number 8 unknown6.722 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.722	9.18 ng	326122	1,4-Dichlorobenzene-d4	6.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	43
2	Decane, 4-methyl-	156	C11H24	002847-72-5	38
3	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	35
4	Octane, 3-ethyl-	142	C10H22	005881-17-4	27
5	Octane, 2-bromo-	192	C8H17Br	000557-35-7	27





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Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
WC-17-4-3

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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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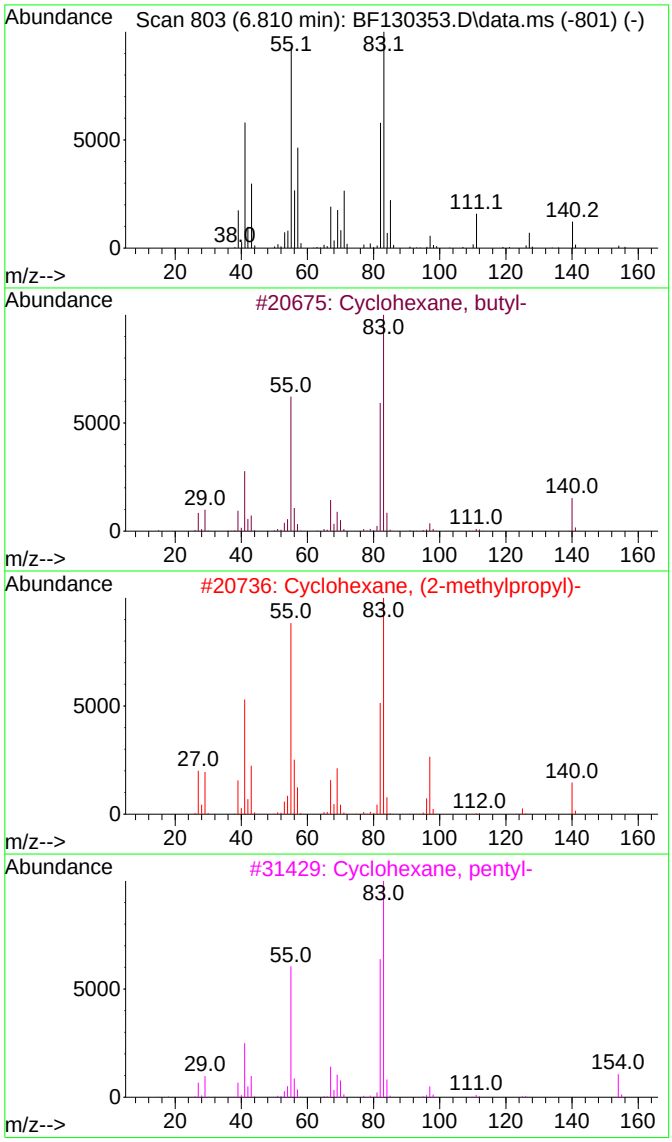
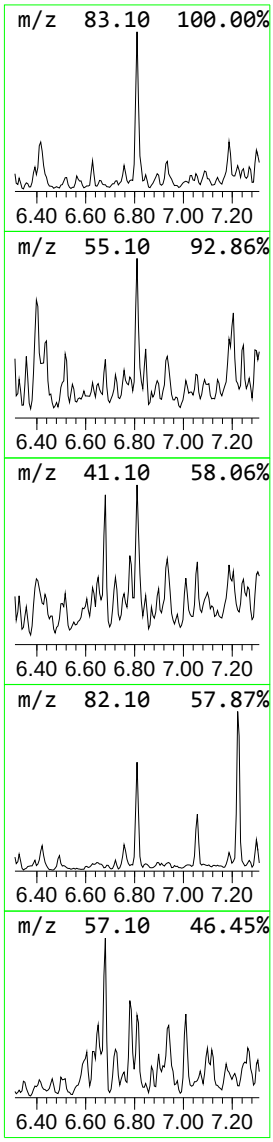
Peak Number 9 Cyclohexane, butyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.810	16.33 ng	579942	1,4-Dichlorobenzene-d4	6.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	70
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	68
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	62
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	53
5	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	43





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Misc :
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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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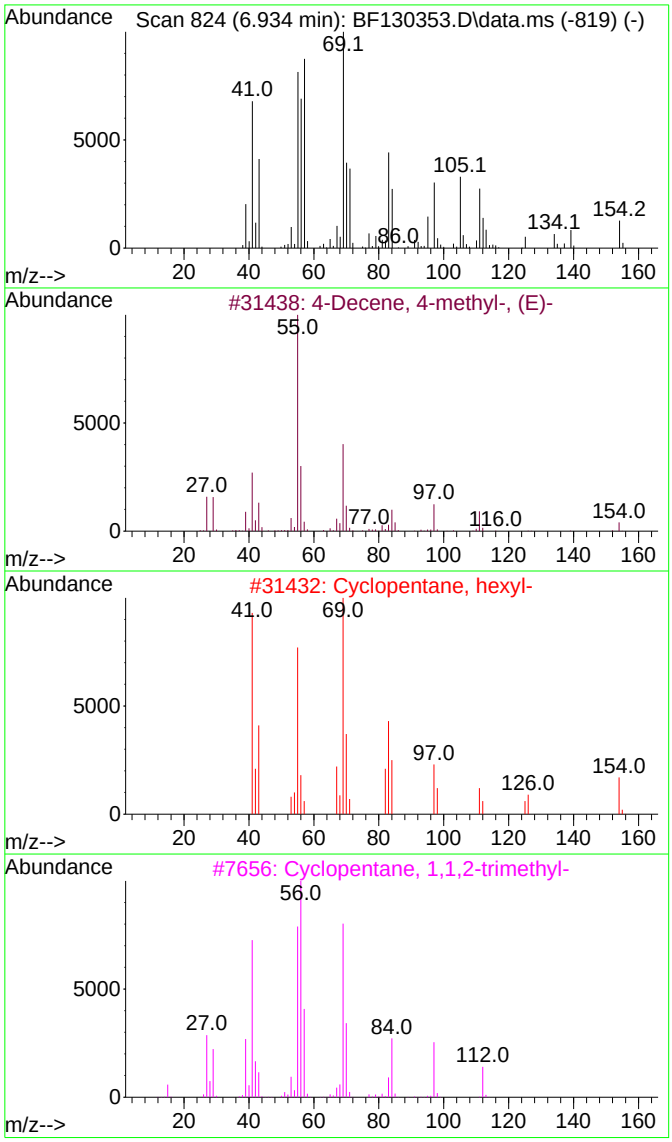
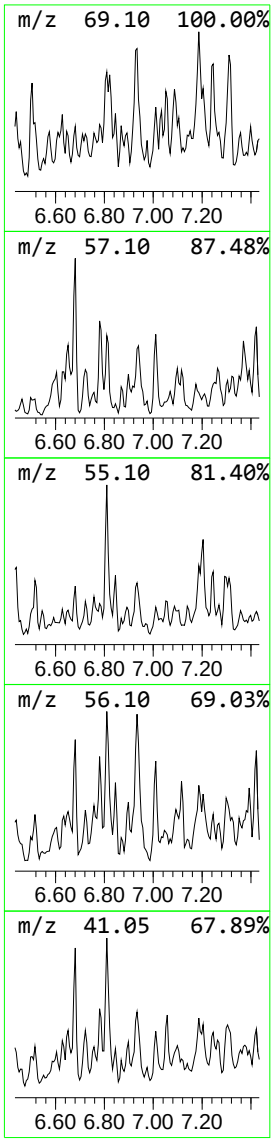
Peak Number 10 4-Decene, 4-methyl-, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.934	16.97 ng	602622	1,4-Dichlorobenzene-d4	6.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Decene, 4-methyl-, (E)-	154	C11H22	060366-66-7	64
2	Cyclopentane, hexyl-	154	C11H22	004457-00-5	64
3	Cyclopentane, 1,1,2-trimethyl-	112	C8H16	004259-00-1	58
4	Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	49
5	2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	47





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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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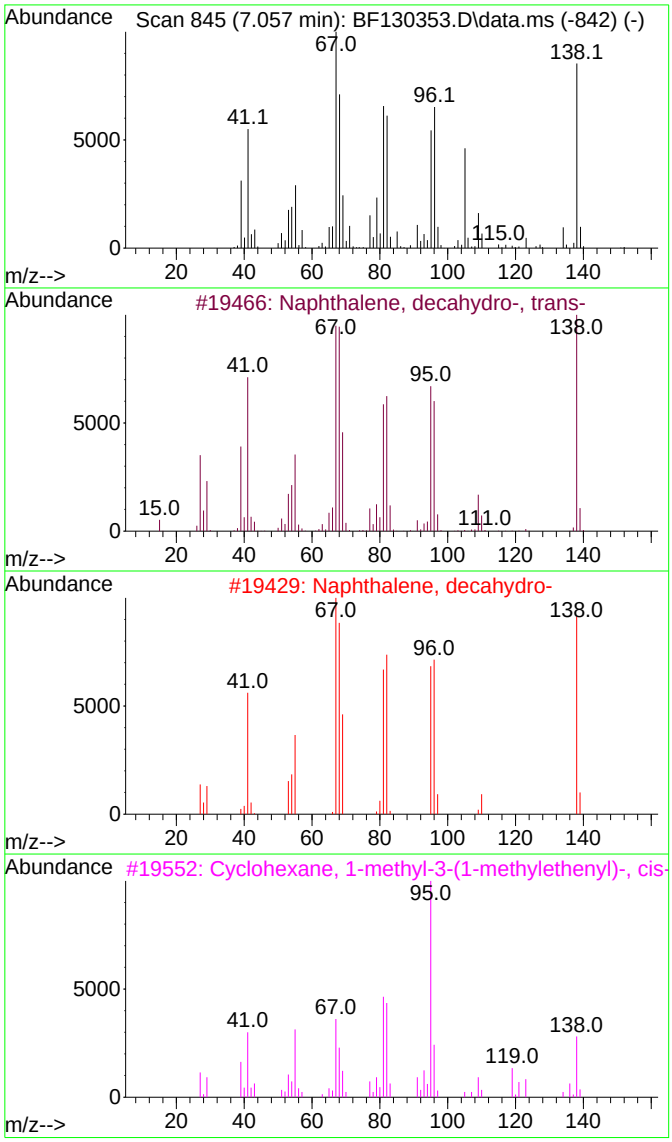
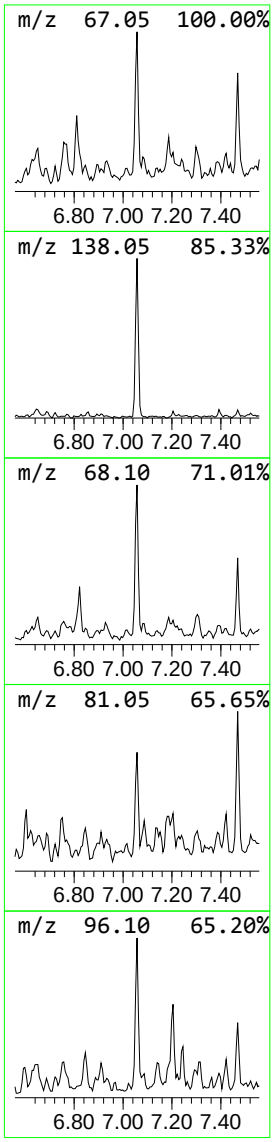
Peak Number 11 Naphthalene, decahydro-, tr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.057	10.33 ng	366971	1,4-Dichlorobenzene-d4	6.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	98
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	95
3	Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	87
4	Spiro[4.5]decane	138	C10H18	000176-63-6	87
5	5H-Inden-5-one, octahydro-, trans-	138	C9H14O	004668-81-9	83





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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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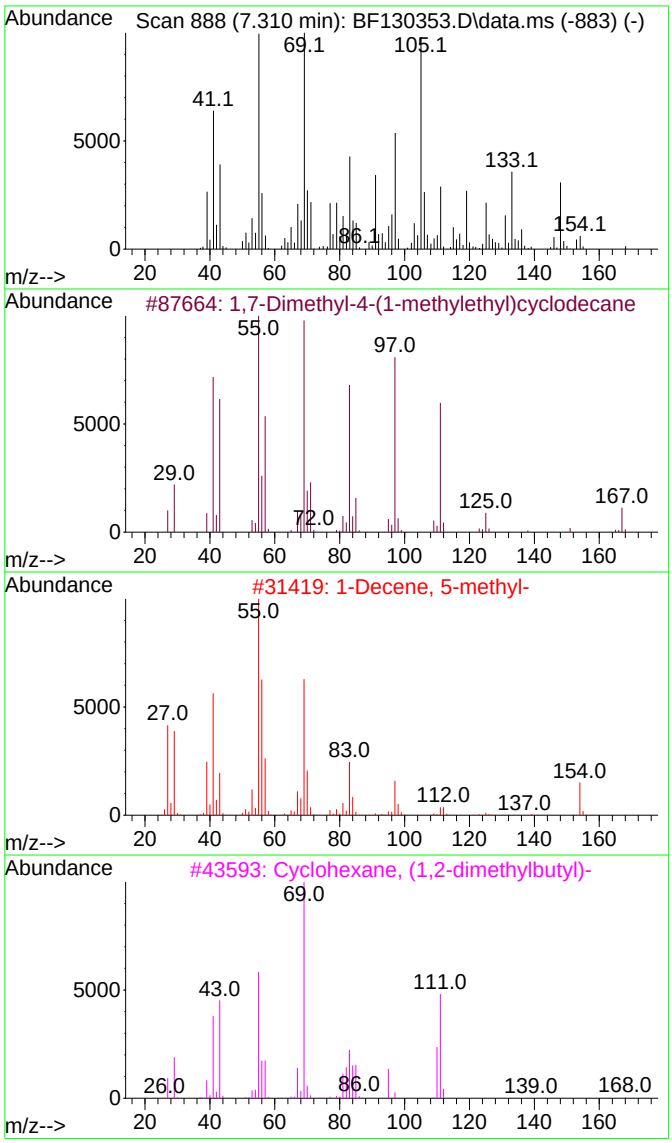
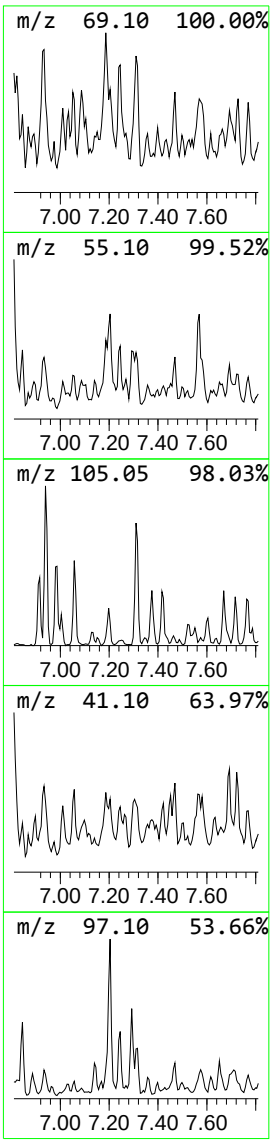
Peak Number 12 unknown7.310 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.310	14.07 ng	557892	Naphthalene-d8	7.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	49
2	1-Decene, 5-methyl-	154	C11H22	054244-79-0	38
3	Cyclohexane, (1,2-dimethylbutyl)-	168	C12H24	061142-37-8	30
4	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	30
5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	25





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

TIC Library : C:\Database\NIST20.L
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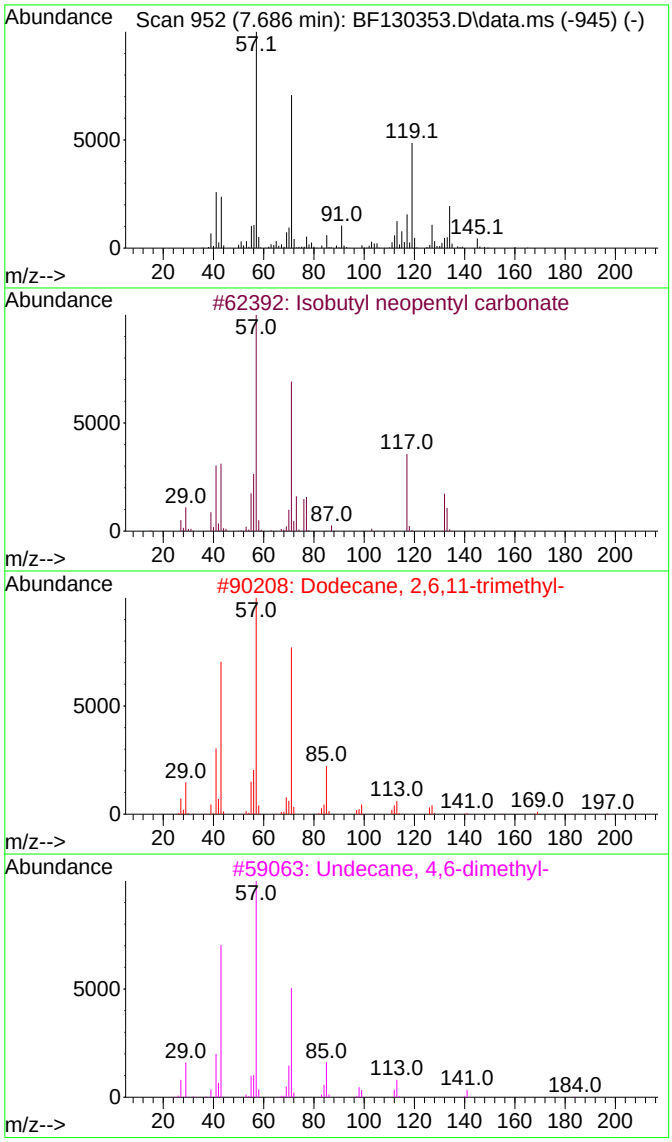
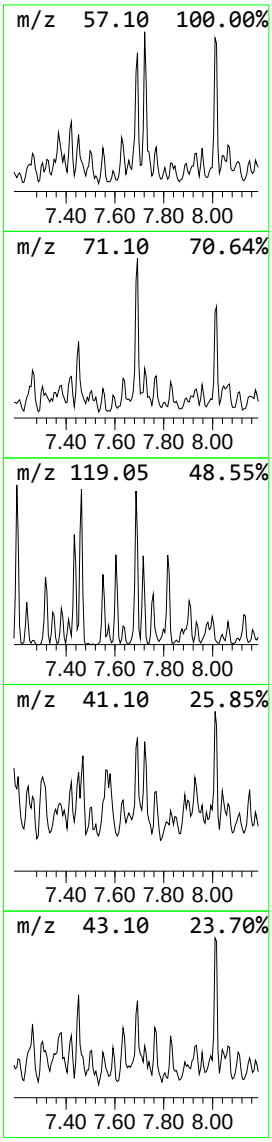
Peak Number 13 unknown7.686 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.686	14.61 ng	579170	Naphthalene-d8	7.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutyl neopentyl carbonate	188	C10H20O3	1000372-77-1	35
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	35
3	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	27
4	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	27
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	27





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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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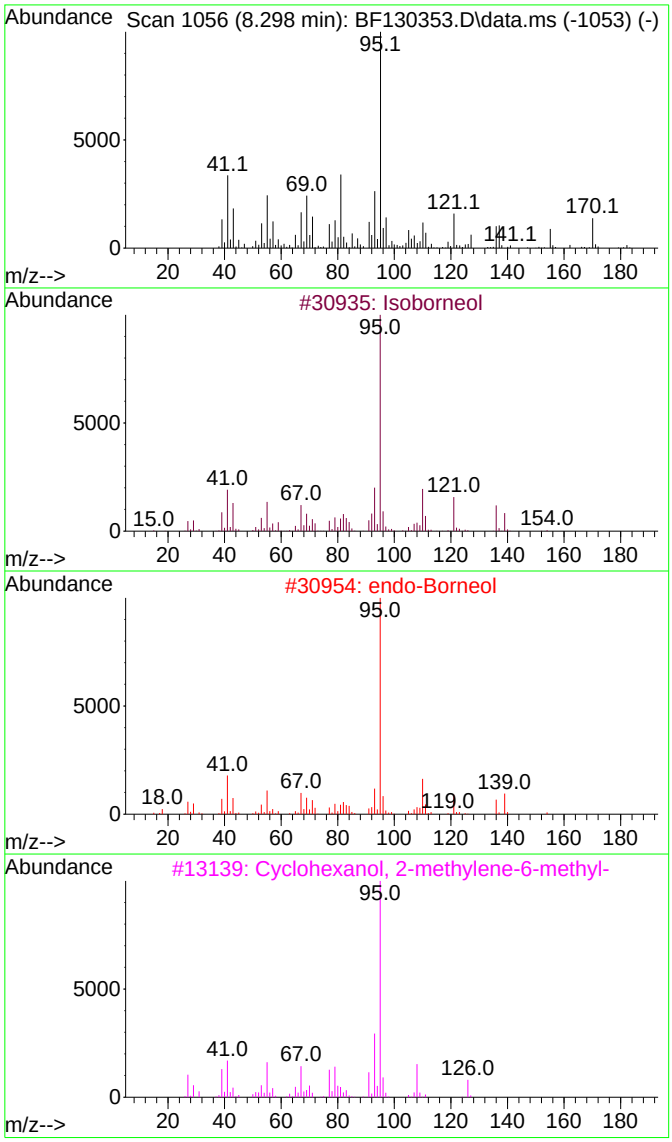
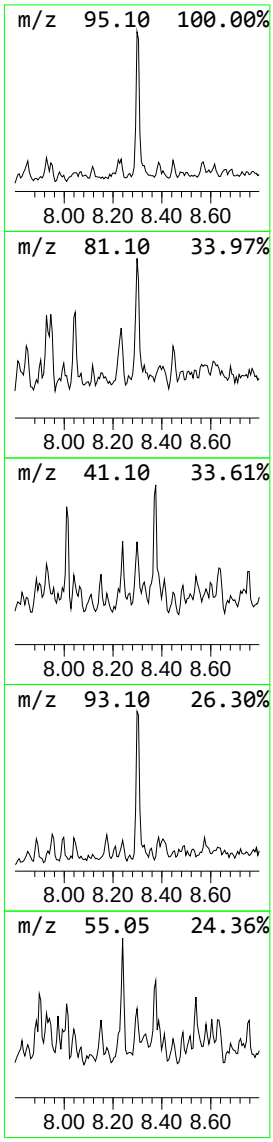
Peak Number 14 Isoborneol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.298	11.46 ng	454429	Naphthalene-d8	7.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoborneol	154	C10H18O	000124-76-5	59
2	endo-Borneol	154	C10H18O	000507-70-0	53
3	Cyclohexanol, 2-methylene-6-methyl-	126	C8H14O	1000196-32-3	50
4	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1010142-17-5	47
5	Hepten-2-yl tiglate, 6-methyl-5-	210	C13H22O2	1000383-64-5	47





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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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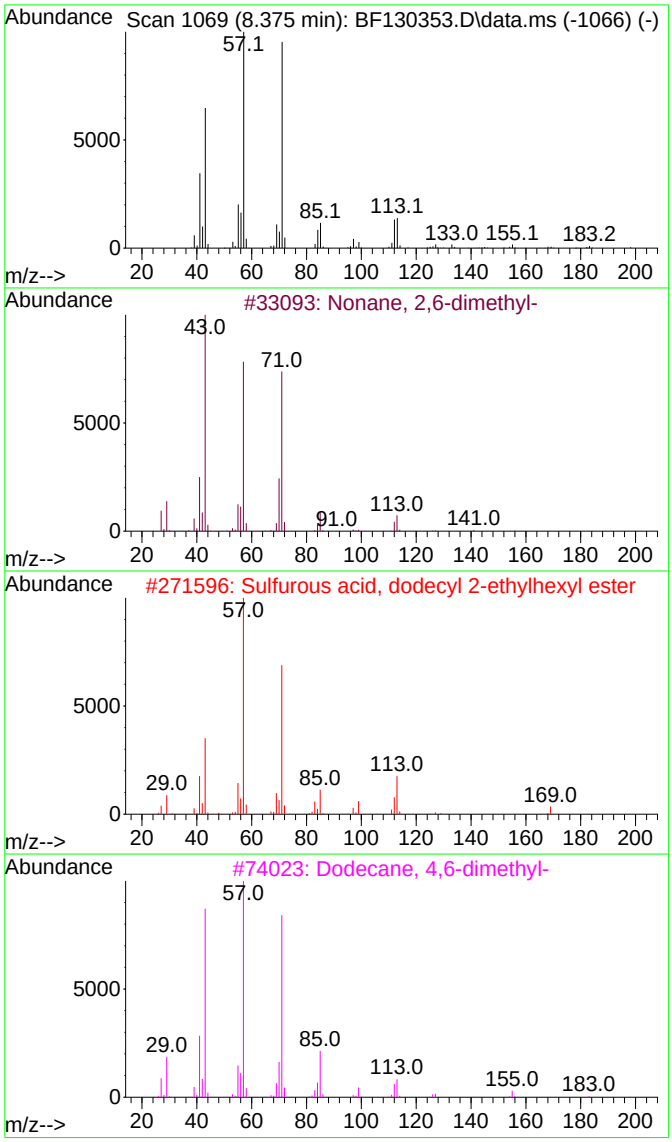
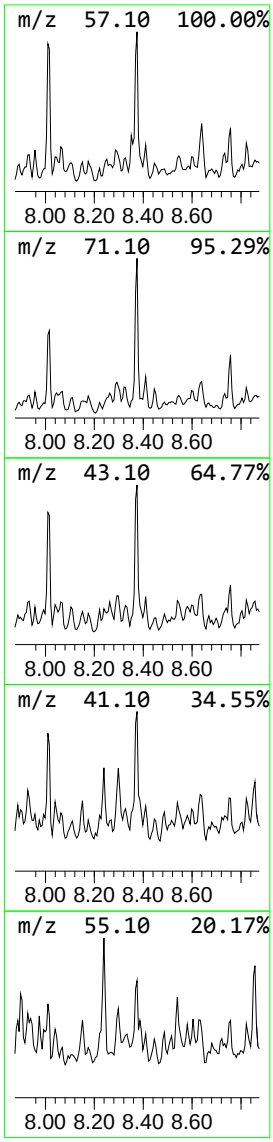
Peak Number 15 Nonane, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.375	13.07 ng	518364	Naphthalene-d8	7.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	80
2	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	78
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
4	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	64
5	Oxalic acid, isobutyl neopentyl ...	216	C11H20O4	1000309-72-6	50





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TIC Library : C:\Database\NIST20.L
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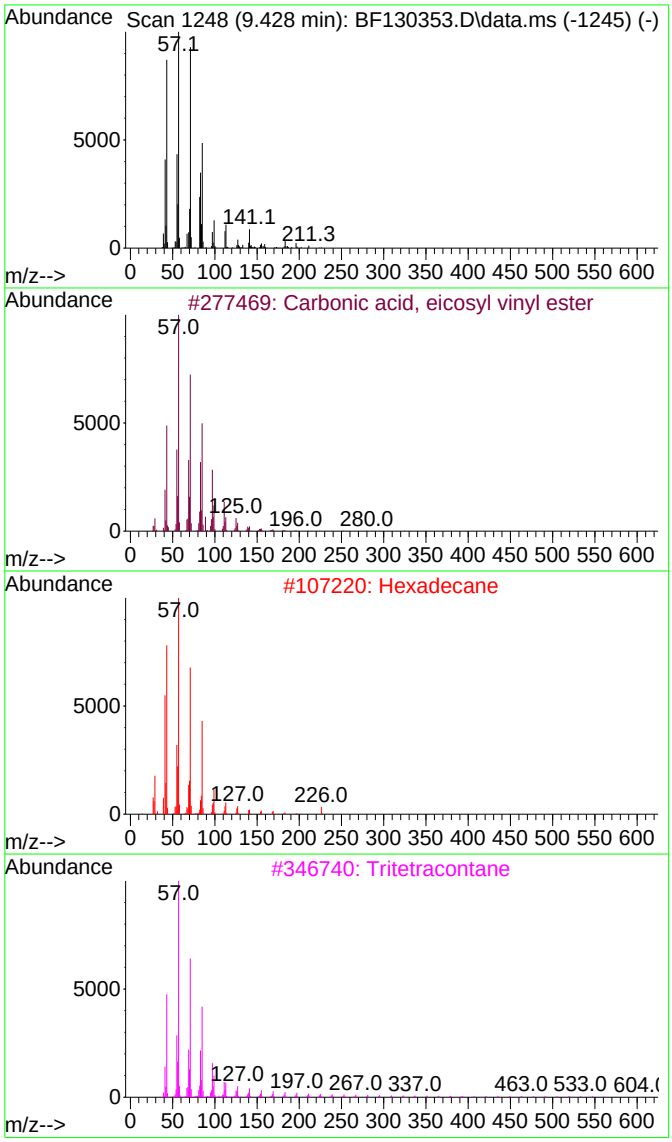
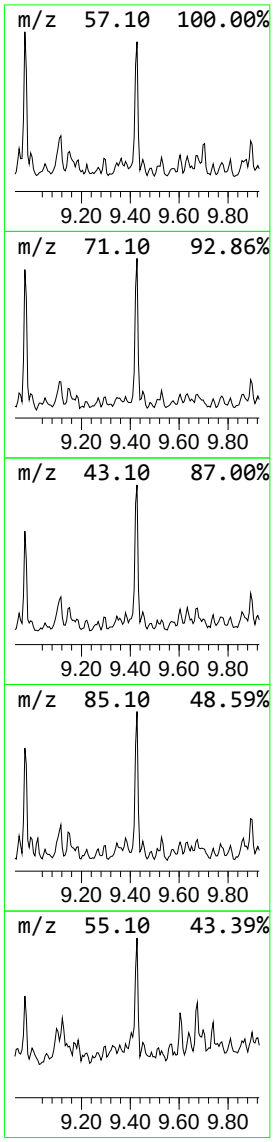
Peak Number 16 Carbonic acid, eicosyl viny... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.428	12.47 ng	617552	Acenaphthene-d10	9.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	87
2	Hexadecane	226	C16H34	000544-76-3	72
3	Tritetracontane	605	C43H88	007098-21-7	72
4	Decane, 5-propyl-	184	C13H28	017312-62-8	70
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
Data File : BF130353.D
Acq On : 20 Sep 2022 20:02
Operator : CG\JU
Sample : N4630-11 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-17-4-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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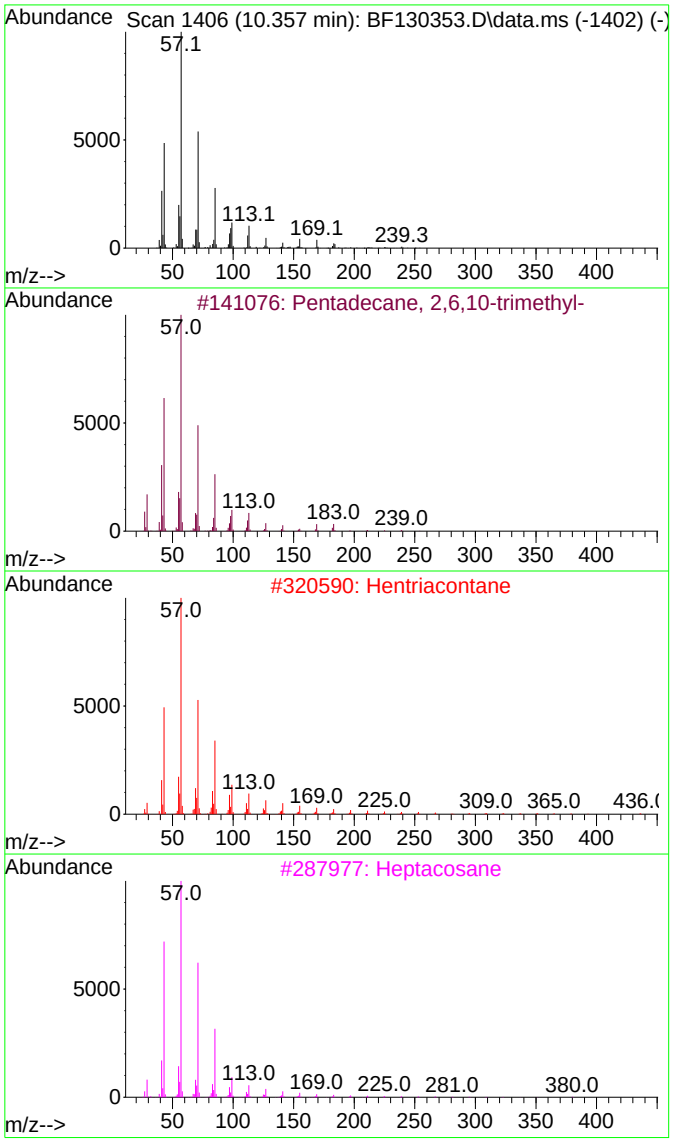
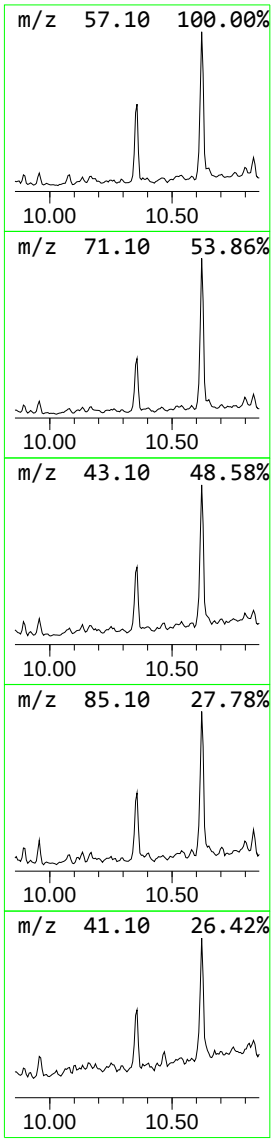
Peak Number 17 Pentadecane, 2,6,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.357	16.45 ng	814304	Acenaphthene-d10	9.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	94
2	Hentriacontane	437	C31H64	000630-04-6	86
3	Heptacosane	380	C27H56	000593-49-7	80
4	Tetracosane	338	C24H50	000646-31-1	80
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
Data File : BF130353.D
Acq On : 20 Sep 2022 20:02
Operator : CG\JU
Sample : N4630-11 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-17-4-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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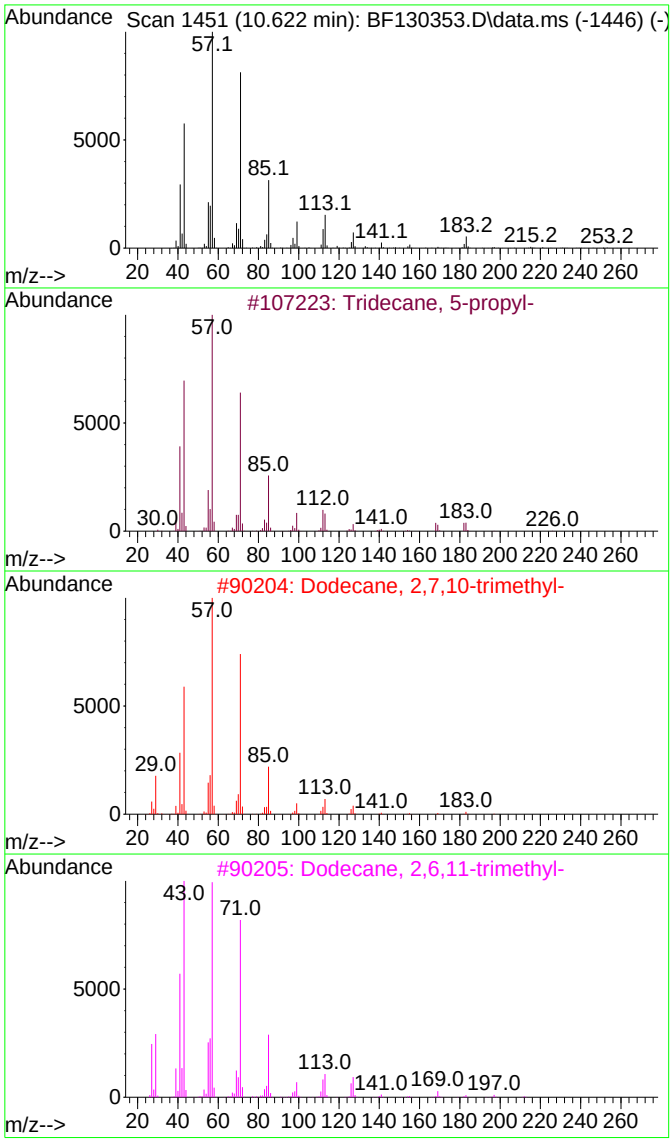
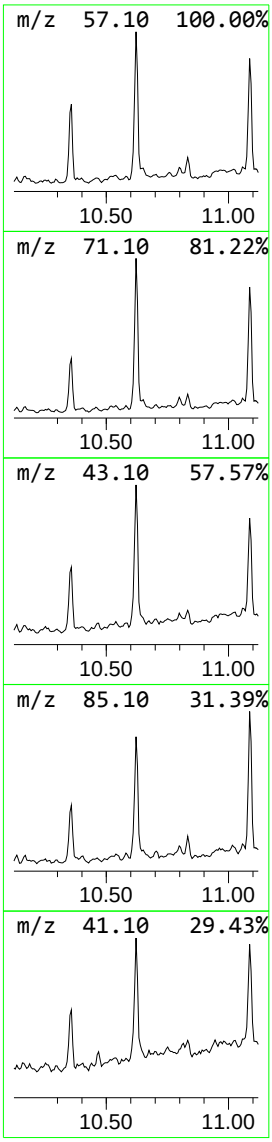
Peak Number 18 Tridecane, 5-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.622	72.03 ng	2157330	Phenanthrene-d10	11.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	72
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
Data File : BF130353.D
Acq On : 20 Sep 2022 20:02
Operator : CG\JU
Sample : N4630-11 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-17-4-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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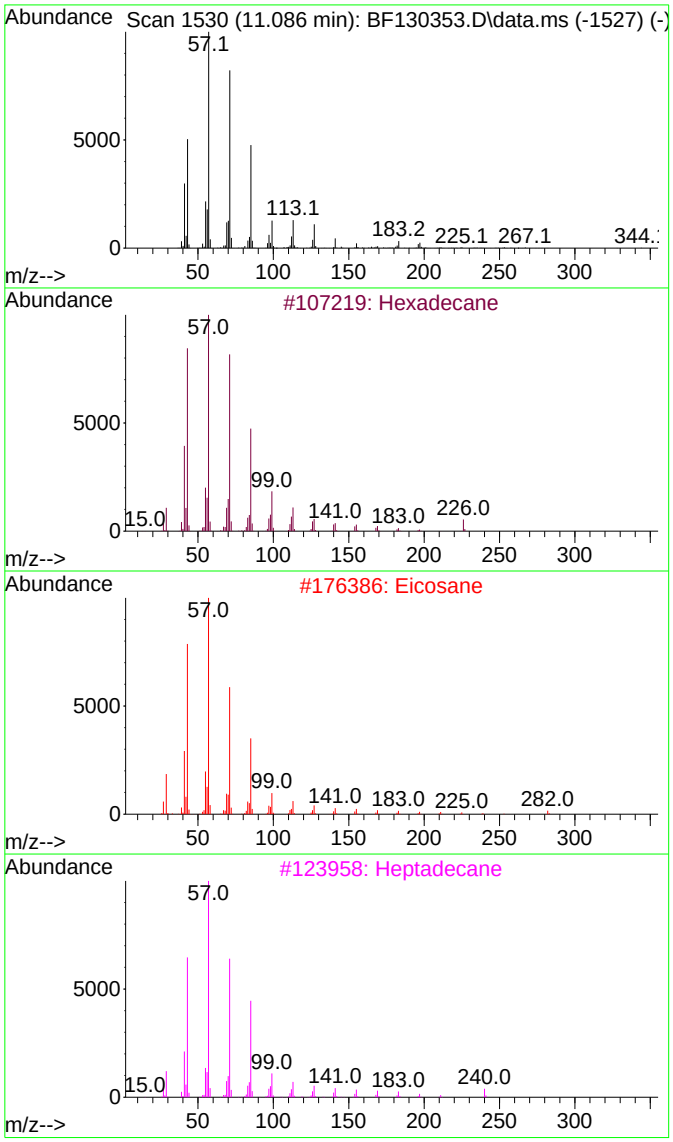
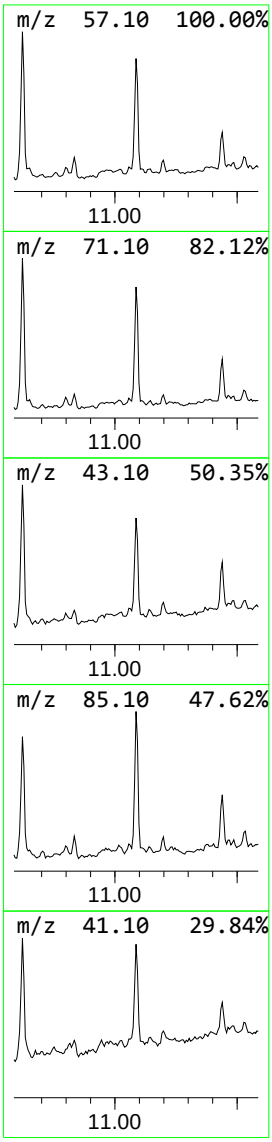
Peak Number 19 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.086	49.75 ng	1489990	Phenanthrene-d10	11.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Eicosane	282	C20H42	000112-95-8	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87





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Data File : BF130353.D
Acq On : 20 Sep 2022 20:02
Operator : CG\JU
Sample : N4630-11 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-17-4-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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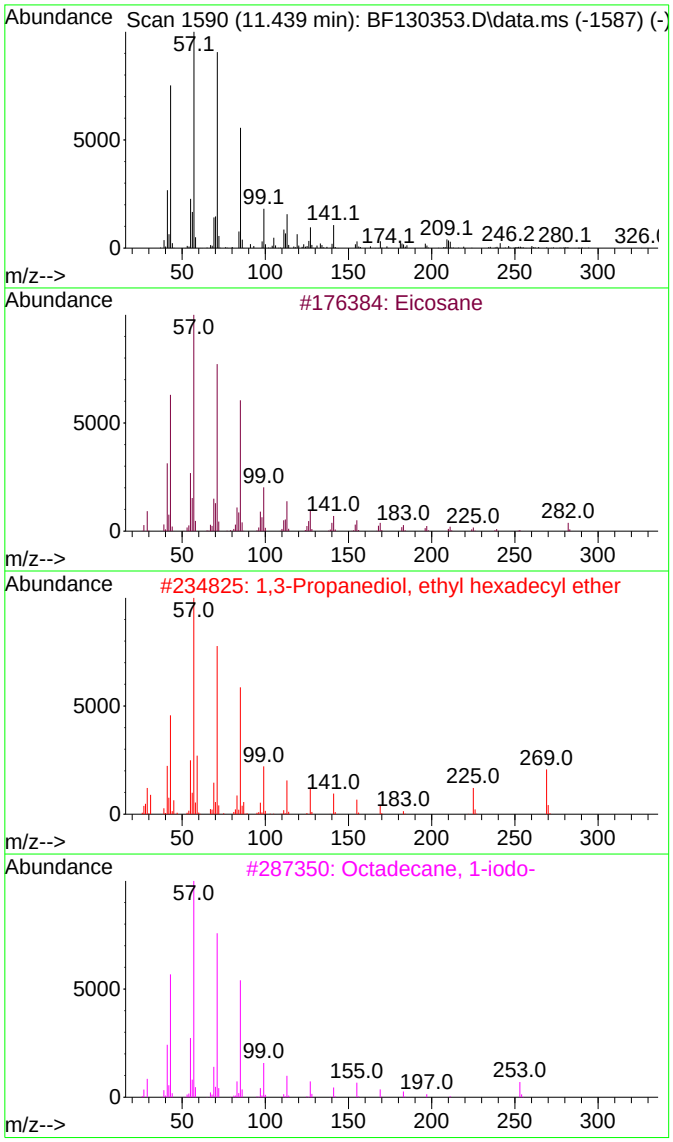
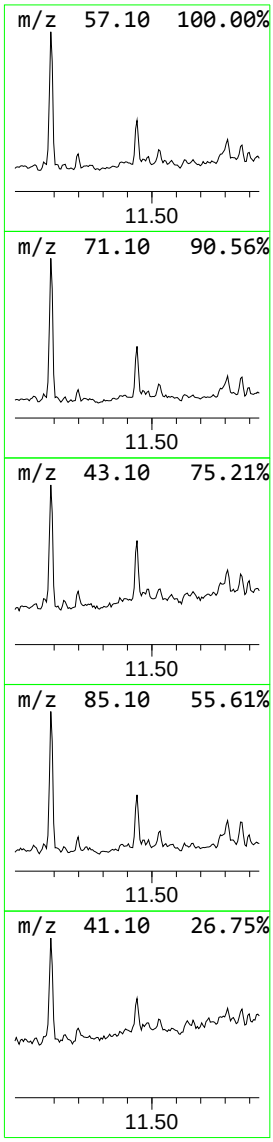
Peak Number 20 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.439	15.21 ng	455675	Phenanthrene-d10	11.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	1,3-Propanediol, ethyl hexadecyl...	328	C21H44O2	1000406-35-3	87
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Pentacosane	352	C25H52	000629-99-2	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
Data File : BF130353.D
Acq On : 20 Sep 2022 20:02
Operator : CG\JU
Sample : N4630-11 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-17-4-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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-...	5.669	9.2	ng	327950	1	6.663	710390	20.0
unknown5.804	5.804	13.0	ng	461598	1	6.663	710390	20.0
unknown5.904	5.904	25.6	ng	910536	1	6.663	710390	20.0
Heptane, 3-ethy...	5.957	11.7	ng	415067	1	6.663	710390	20.0
Isobutyl nonyl ...	6.098	14.8	ng	526543	1	6.663	710390	20.0
4-Octene, 2,6-d...	6.187	14.8	ng	526851	1	6.663	710390	20.0
Cyclohexane, 1-...	6.398	17.5	ng	622529	1	6.663	710390	20.0
unknown6.722	6.722	9.2	ng	326122	1	6.663	710390	20.0
Cyclohexane, bu...	6.810	16.3	ng	579942	1	6.663	710390	20.0
4-Decene, 4-met...	6.934	17.0	ng	602622	1	6.663	710390	20.0
Naphthalene, de...	7.057	10.3	ng	366971	1	6.663	710390	20.0
unknown7.310	7.310	14.1	ng	557892	2	7.945	792941	20.0
unknown7.686	7.686	14.6	ng	579170	2	7.945	792941	20.0
Isoborneol	8.298	11.5	ng	454429	2	7.945	792941	20.0
Nonane, 2,6-dim...	8.375	13.1	ng	518364	2	7.945	792941	20.0
Carbonic acid, ...	9.428	12.5	ng	617552	3	9.698	990115	20.0
Pentadecane, 2,...	10.357	16.4	ng	814304	3	9.698	990115	20.0
Tridecane, 5-pr...	10.622	72.0	ng	2157330	4	11.180	599003	20.0
Hexadecane	11.086	49.8	ng	1489990	4	11.180	599003	20.0
Eicosane	11.439	15.2	ng	455675	4	11.180	599003	20.0