LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091922\
Data File : BF130333.D
Acq On : 19 Sep 2022 22:04
Operator : CG\JU
Sample : N4630-16 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

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: BF130333.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	443	455	461	rBV4	176177	348669	13.66%	0.696%
2	4.822	461	465	470	rBV	260982	287765	11.27%	0.575%
3	5.034	497	501	504	rBV	272251	273901	10.73%	0.547%
4	5.263	537	540	547	rVB	388331	369519	14.47%	0.738%
5	5.410	561	565	570	rBV3	223297	323515	12.67%	0.646%
6	5.451	570	572	575	rVV	332863	306830	12.02%	0.613%
7	5.498	575	580	587	rVB3	237267	343278	13.45%	0.686%
8	5.669	603	609	613	rVB2	362438	528099	20.68%	1.055%
9	5.722	613	618	621	rBV3	196743	323509	12.67%	0.646%
10	5.804	629	632	637	rVB2	715019	701790	27.49%	1.402%
11	5.857	637	641	646	rBV3	205257	394829	15.46%	0.789%
12	5.904	646	649	652	rVV	1483695	1478092	57.89%	2.953%
13	5.963	655	659	661	rVV	675933	599740	23.49%	1.198%
14	5.998	661	665	667	rVV3	155032	255241	10.00%	0.510%
15	6.098	676	682	685	rBV2	655395	862831	33.80%	1.724%
16	6.187	694	697	700	rVV	692991	771314	30.21%	1.541%
17	6.216	700	702	707	rVB	354727	335595	13.14%	0.670%
18	6.275	707	712	713	rBV3	174463	245496	9.62%	0.490%
19	6.304	714	717	720	rVV2	628274	679293	26.61%	1.357%
20	6.328	720	721	724	rVV	356744	287745	11.27%	0.575%
21	6.357	724	726	729	rVV2	242500	215371	8.44%	0.430%
22	6.404	729	734	738	rVV4	611792	1114154	43.64%	2.226%
23	6.439	738	740	742	rVV	422164	381528	14.94%	0.762%
24	6.487	746	748	750	rVV	338036	334923	13.12%	0.669%
25	6.516	752	753	756	rVV2	334710	244322	9.57%	0.488%
26	6.604	764	768	770	rVV4	278273	453024	17.74%	0.905%
27	6.634	770	773	774	rVV2	321660	376306	14.74%	0.752%
28	6.663	774	778	780	rVV	926111	1147622	44.95%	2.292%
29	6.681	780	781	785	rVV	891194	578599	22.66%	1.156%
30	6.722	785	788	791	rVV3	439772	485306	19.01%	0.969%
31	6.757	791	794	796	rVV2	318617	387916	15.19%	0.775%
32	6.787	796	799	801	rVV	424497	518565	20.31%	1.036%
33	6.810	801	803	807	rVV	1104364	1263307	49.48%	2.524%
34	6.845	807	809	812	rVB	385952	301745	11.82%	0.603%
35	6.898	815	818	819	rVV2	334905	286365	11.22%	0.572%
36	6.934	819	824	829	rVB4	479802	774488	30.34%	1.547%

LSC Area Percent Report

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Operator : CG\JU
Sample : N4630-16 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

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	6.987	829	833	835	rBV3	135371	160153	6.27%	0.320%
38	7.016	835	838	842	rVV5	198590	271756	10.64%	0.543%
39	7.057	842	845	848	rVV	686152	634315	24.85%	1.267%
40	7.087	848	850	855	rVV3	198394	294070	11.52%	0.587%
41	7.134	855	858	860	rVV3	134738	167922	6.58%	0.335%
42	7.204	863	870	872	rVV2	792921	1300039	50.92%	2.597%
43	7.222	872	873	875	rVV	379123	336110	13.16%	0.671%
44	7.245	875	877	879	rVV	454523	406308	15.91%	0.812%
45	7.310	883	888	892	rVB5	533014	825118	32.32%	1.648%
46	7.357	892	896	897	rBV3	234673	257623	10.09%	0.515%
47	7.381	897	900	904	rVV4	272670	363240	14.23%	0.726%
48	7.422	904	907	908	rVV2	235479	256885	10.06%	0.513%
49	7.469	908	915	918	rVV4	693694	1166738	45.70%	2.331%
50	7.569	926	932	933	rVV3	505283	719273	28.17%	1.437%
51	7.581	933	934	939	rVV4	487629	572317	22.42%	1.143%
52	7.716	954	957	961	rVB4	220232	359848	14.09%	0.719%
53	7.769	961	966	970	rVB4	294188	370454	14.51%	0.740%
54	7.816	970	974	978	rBV2	247118	376315	14.74%	0.752%
55	7.904	983	989	991	rBV6	256687	433115	16.96%	0.865%
56	7.945	991	996	998	rVV	922899	982423	38.48%	1.962%
57	7.992	1003	1004	1006	rVV2	189385	155451	6.09%	0.311%
58	8.010	1006	1007	1010	rVB	533534	399410	15.64%	0.798%
59	8.039	1010	1012	1015	rBV3	314675	280142	10.97%	0.560%
60	8.116	1020	1025	1028	rBV4	149234	296120	11.60%	0.592%
61	8.151	1028	1031	1033	rVB2	216982	179156	7.02%	0.358%
62	8.239	1041	1046	1049	rBV4	501422	572065	22.41%	1.143%
63	8.298	1053	1056	1059	rBV	645748	640265	25.08%	1.279%
64	8.328	1059	1061	1064	rVB3	217941	223031	8.74%	0.446%
65	8.375	1064	1069	1073	rBV	1033110	1097243	42.98%	2.192%
66	8.410	1073	1075	1078	rVB3	264743	229972	9.01%	0.459%
67	8.486	1085	1088	1090	rBV3	184393	191026	7.48%	0.382%
68	8.639	1110	1114	1120	rVB5	316901	490228	19.20%	0.979%
69	8.751	1132	1133	1137	rVB2	162762	150429	5.89%	0.300%
70	8.822	1143	1145	1147	rBV2	224949	193400	7.58%	0.386%
71	8.857	1148	1151	1155	rVV	353199	385700	15.11%	0.770%
72	8.933	1162	1164	1167	rVV4	121632	156417	6.13%	0.312%
73	8.969	1167	1170	1173	rVV	932839	831007	32.55%	1.660%
74	9.016	1176	1178	1182	rVB	422663	353730	13.86%	0.707%
75	9.098	1189	1192	1194	rBV3	209046	283909	11.12%	0.567%
76	9.357	1233	1236	1238	rBV2	218774	204595	8.01%	0.409%

LSC Area Percent Report

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Operator : CG\JU
Sample : N4630-16 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

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	9.380	1238	1240	1242	rVV	245431	160025	6.27%	0.320%
78	9.404	1242	1244	1245	rVV	387851	310519	12.16%	0.620%
79	9.428	1245	1248	1250	rVB	1165841	944669	37.00%	1.887%
80	9.557	1268	1270	1273	rBV4	229275	245224	9.61%	0.490%
81	9.604	1276	1278	1281	rVB	538717	418056	16.37%	0.835%
82	9.639	1281	1284	1287	rBV3	145228	206482	8.09%	0.412%
83	9.675	1287	1290	1291	rBV2	351750	348523	13.65%	0.696%
84	9.698	1291	1294	1297	rVV2	918920	1068447	41.85%	2.134%
85	9.804	1310	1312	1315	rVB2	197480	196712	7.70%	0.393%
86	9.898	1325	1328	1330	rBV2	283957	269596	10.56%	0.539%
87	9.957	1336	1338	1344	rVB2	423766	399096	15.63%	0.797%
88	10.010	1345	1347	1349	rBV	209597	205105	8.03%	0.410%
89	10.098	1360	1362	1364	rBV2	263922	192061	7.52%	0.384%
90	10.186	1375	1377	1382	rVB3	176968	194798	7.63%	0.389%
91	10.233	1382	1385	1387	rBV3	212461	242918	9.51%	0.485%
92	10.351	1402	1405	1409	rBV	1001675	1021818	40.02%	2.041%
93	10.469	1422	1425	1430	rBV3	290472	483174	18.93%	0.965%
94	10.622	1446	1451	1457	rVV	2224046	2553080	100.00%	5.100%
95	10.675	1458	1460	1463	rVV2	242776	233149	9.13%	0.466%
96	11.086	1527	1530	1537	rVB	1796680	1855771	72.69%	3.707%
97	11.174	1543	1545	1547	rBV	584658	510793	20.01%	1.020%
98	11.198	1547	1549	1552	rVB3	385878	334089	13.09%	0.667%
99	11.439	1587	1590	1593	rBV	559761	603934	23.66%	1.206%
100	12.768	1814	1816	1822	rBV	801634	914668	35.83%	1.827%

Sum of corrected areas: 50060617

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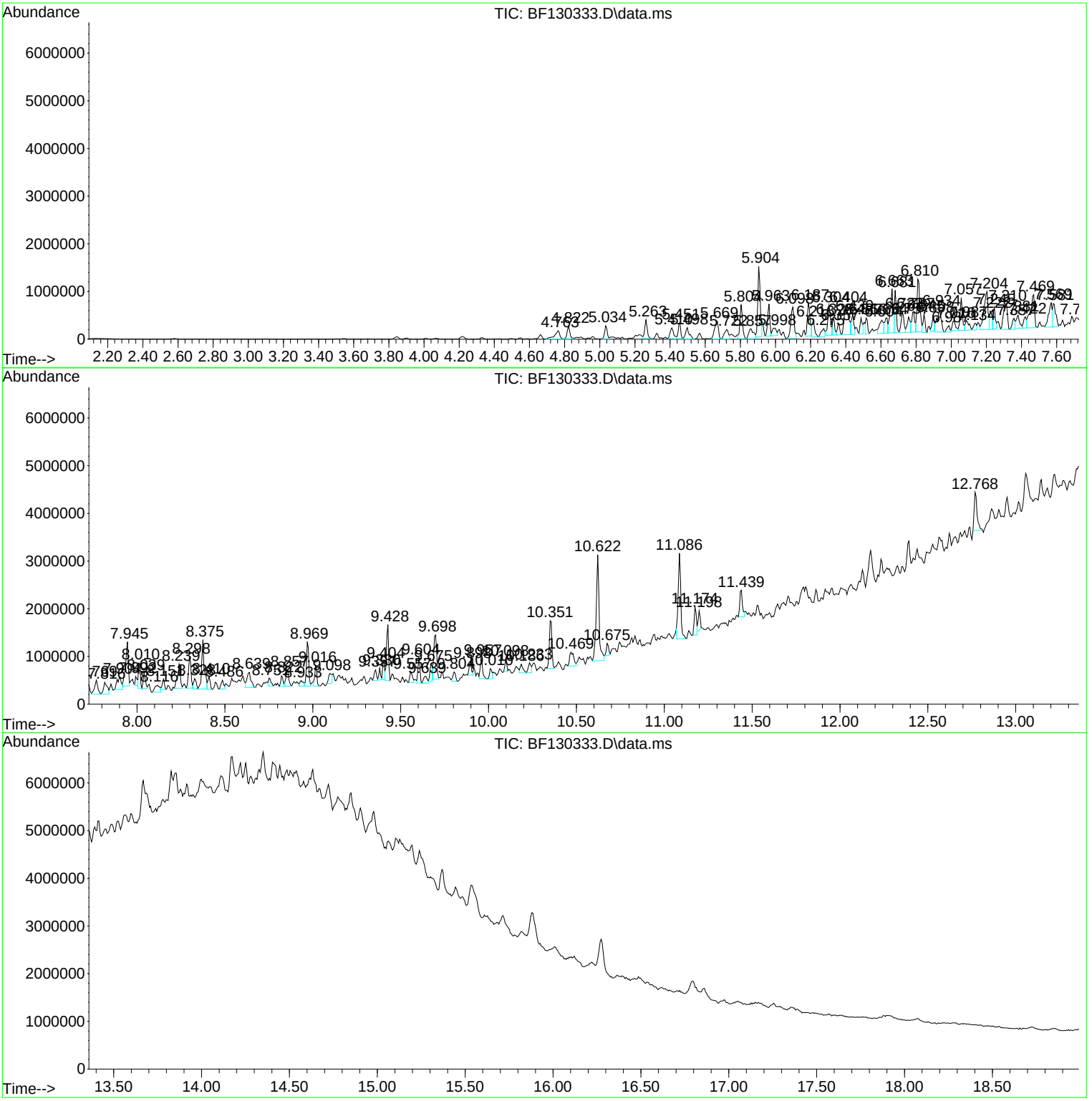
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

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\BF091922\
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ClientSampleId :
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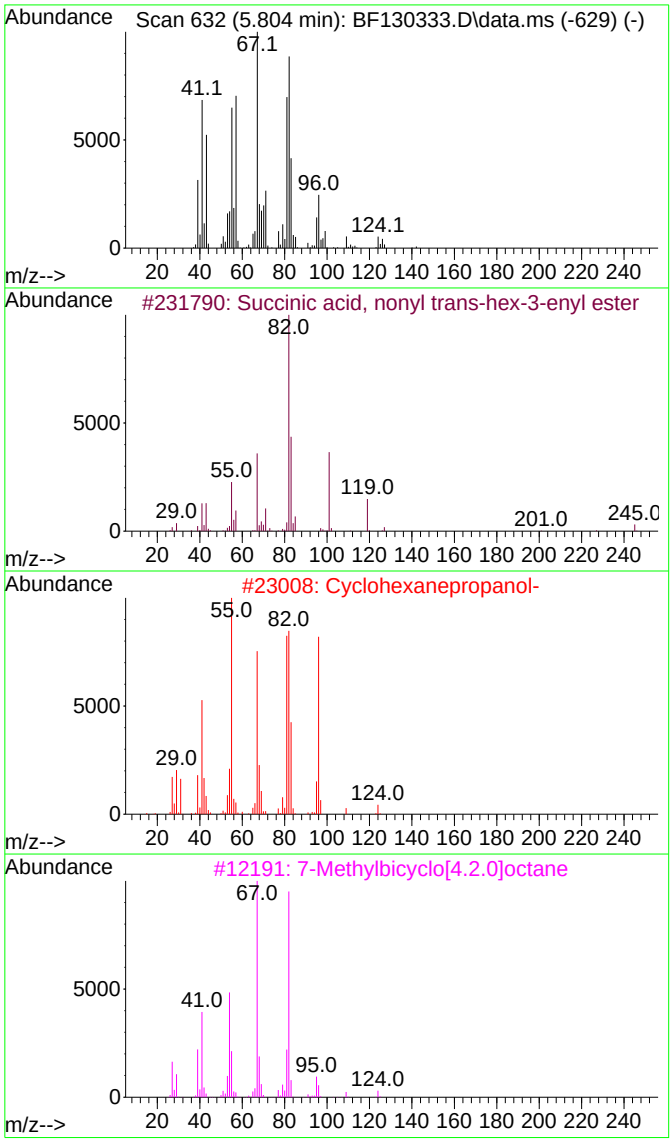
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

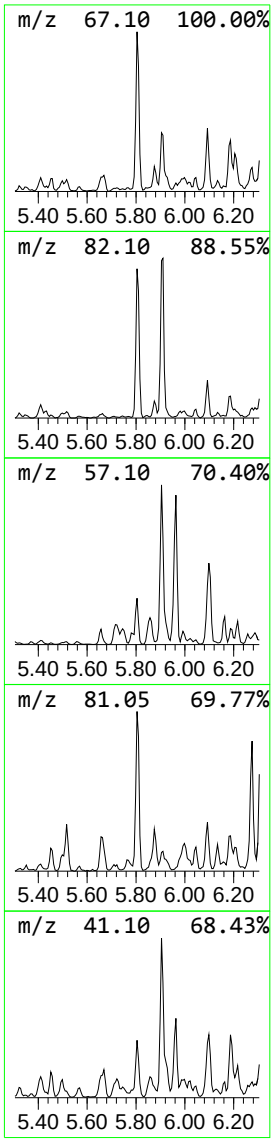
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Succinic acid, nonyl trans-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.804	12.23 ng	701790	1,4-Dichlorobenzene-d4	6.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Succinic acid, nonyl trans-hex-3...	326	C19H34O4	1000353-43-2	53
2	Cyclohexanepropanol-	142	C9H18O	001124-63-6	52
3	7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	52
4	Cyclohexaneethanol	128	C8H16O	004442-79-9	52
5	Cis-bicyclo[4.2.0]octane	110	C8H14	028282-35-1	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091922\
Data File : BF130333.D
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Instrument :
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ClientSampleId :
WC-17-4-4

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

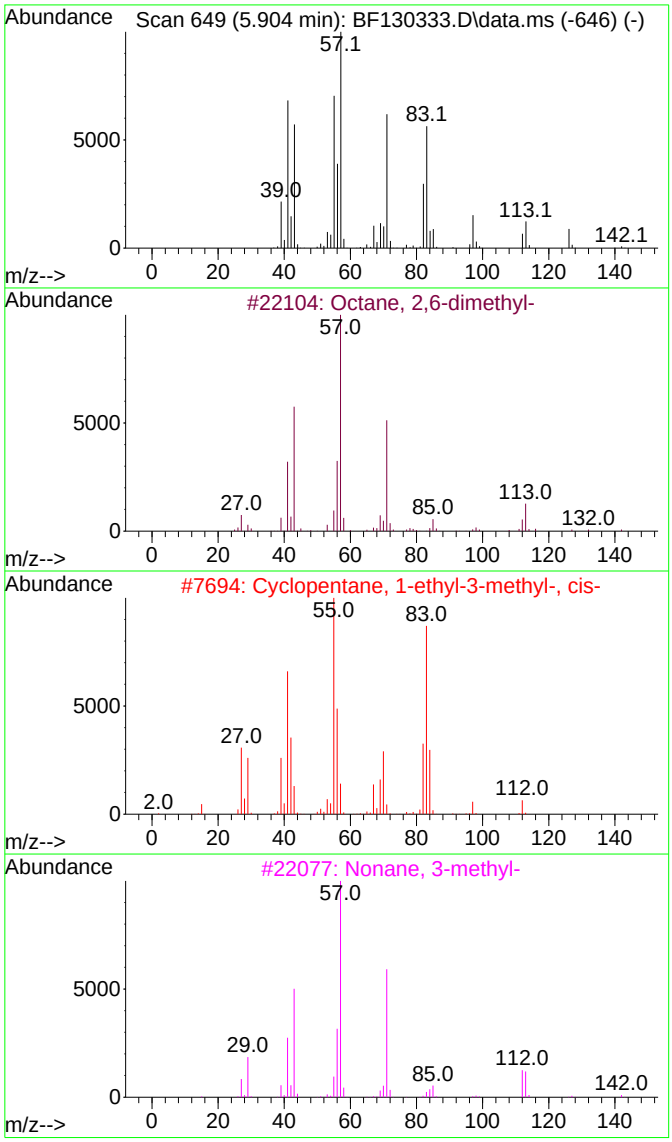
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

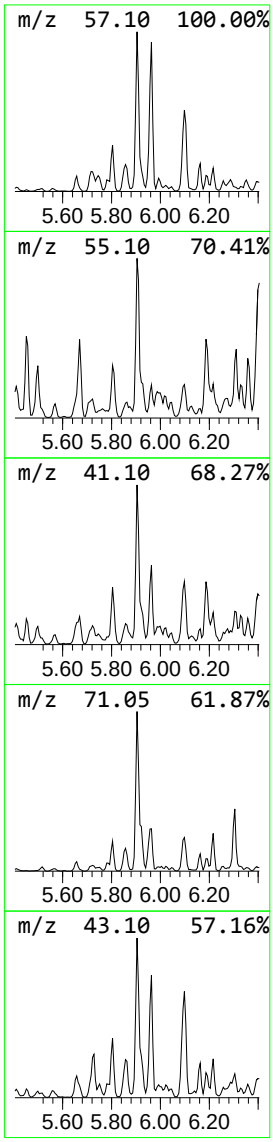
****

Peak Number 2 Octane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.904	25.76 ng	1478090	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	53
2	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	49
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	49
4	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	49
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	43





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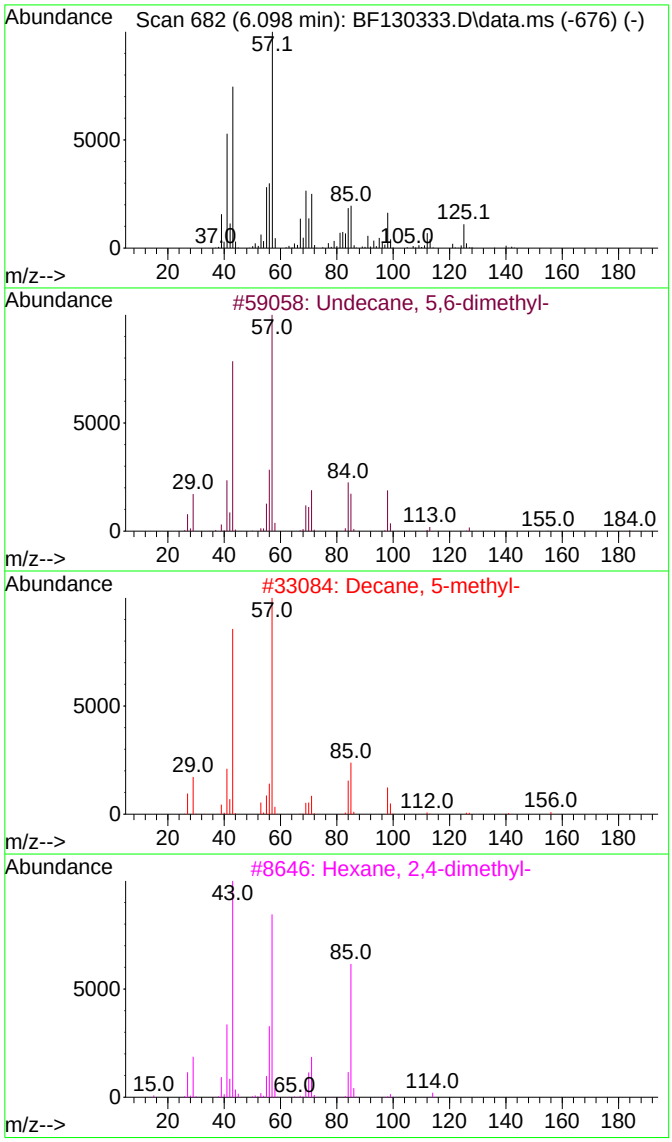
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

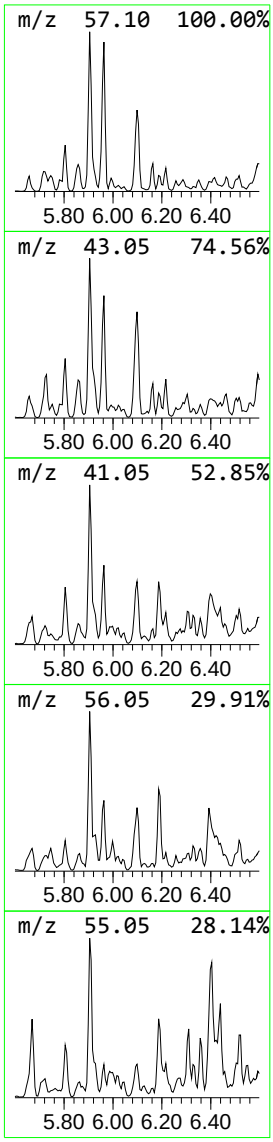
****

Peak Number 3 Undecane, 5,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.098	15.04 ng	862831	1,4-Dichlorobenzene-d4	6.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	59
2	Decane, 5-methyl-	156	C11H24	013151-35-4	47
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	47
4	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	47
5	Carbonic acid, decyl vinyl ester	228	C13H24O3	1000383-25-7	38





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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

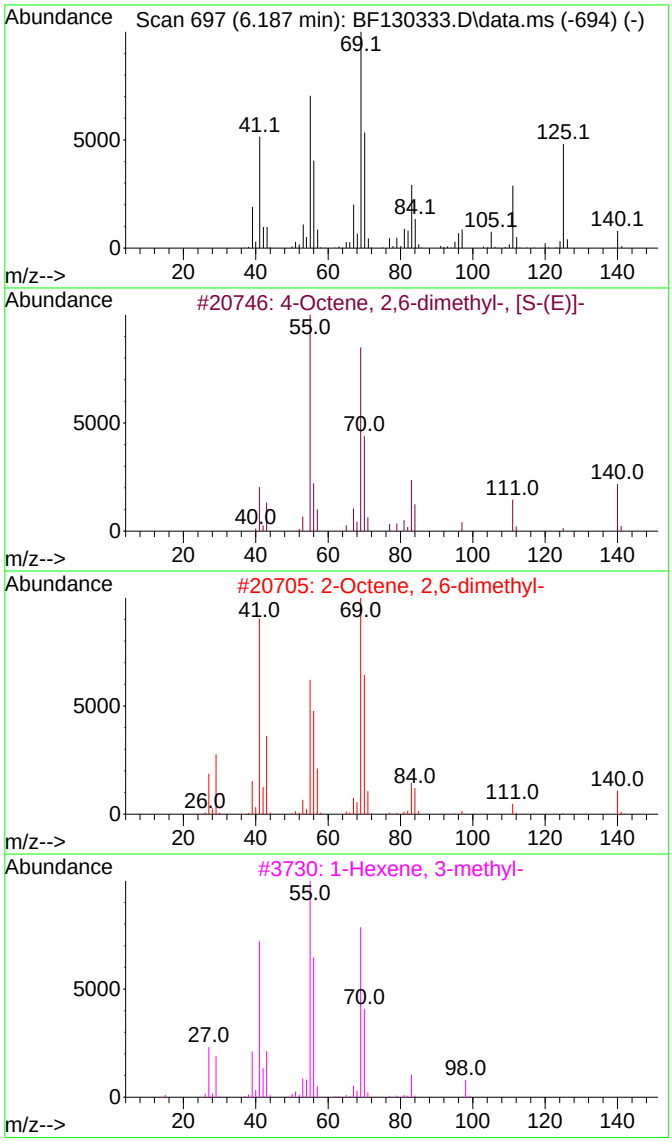
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

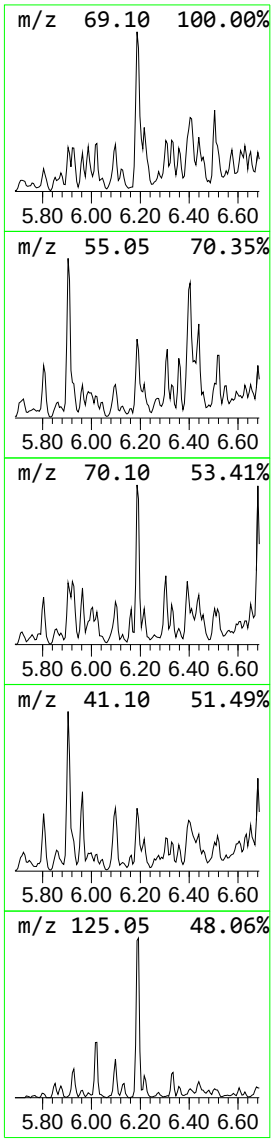
****

Peak Number 4 4-Octene, 2,6-dimethyl-, [S... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.187	13.44 ng	771314	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	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	47
4	2-Octene, 4-ethyl-	140	C10H20	053966-52-2	46
5	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091922\
Data File : BF130333.D
Acq On : 19 Sep 2022 22:04
Operator : CG\JU
Sample : N4630-16 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

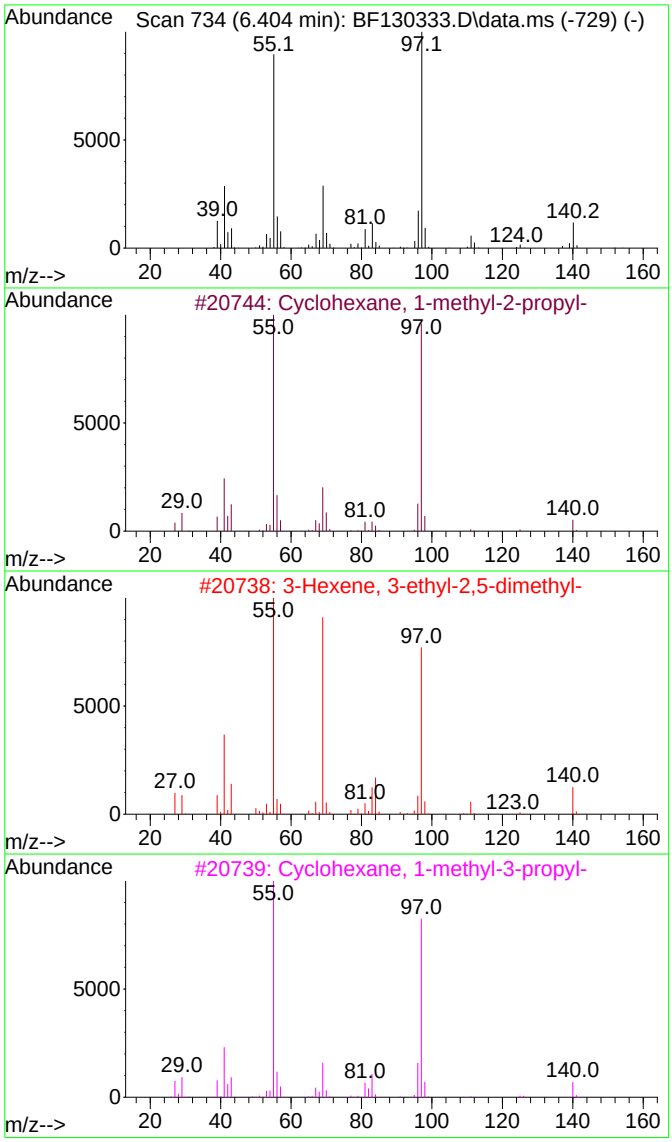
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

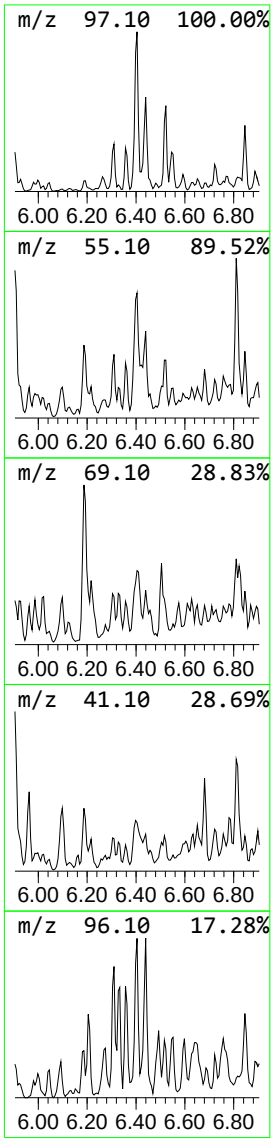
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclohexane, 1-methyl-2-pro... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.404	19.42 ng	1114150	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	90
2	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	90
3	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	90
4	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	80
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	80





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Acq On : 19 Sep 2022 22:04
Operator : CG\JU
Sample : N4630-16 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

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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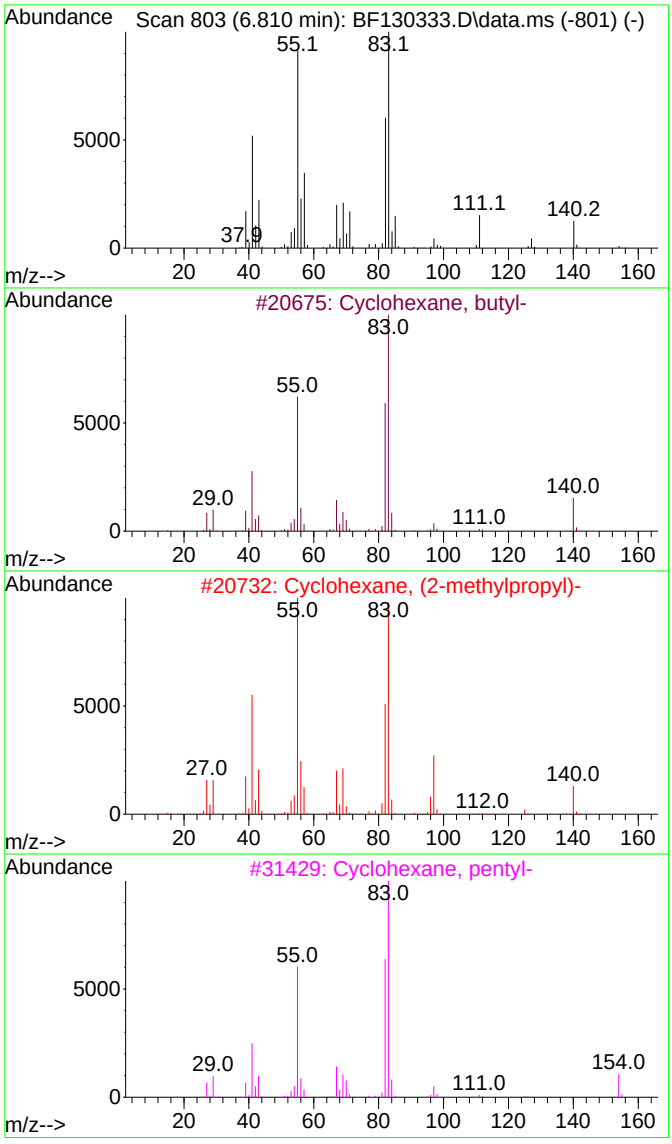
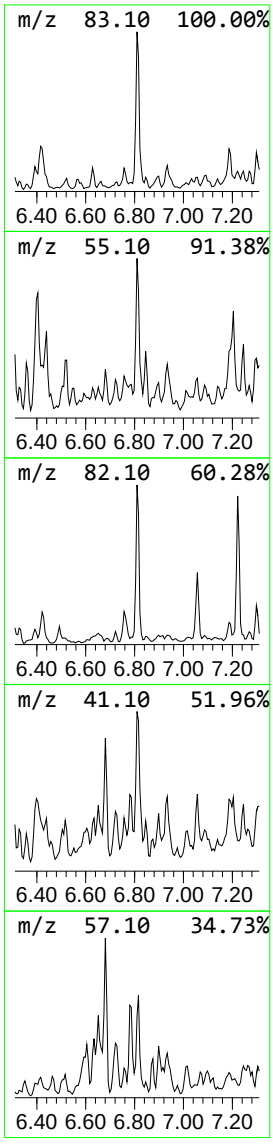
Peak Number 6 Cyclohexane, butyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.810	22.02 ng	1263310	1,4-Dichlorobenzene-d4	6.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	87
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	83
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	68
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	64





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Sample : N4630-16 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :
WC-17-4-4

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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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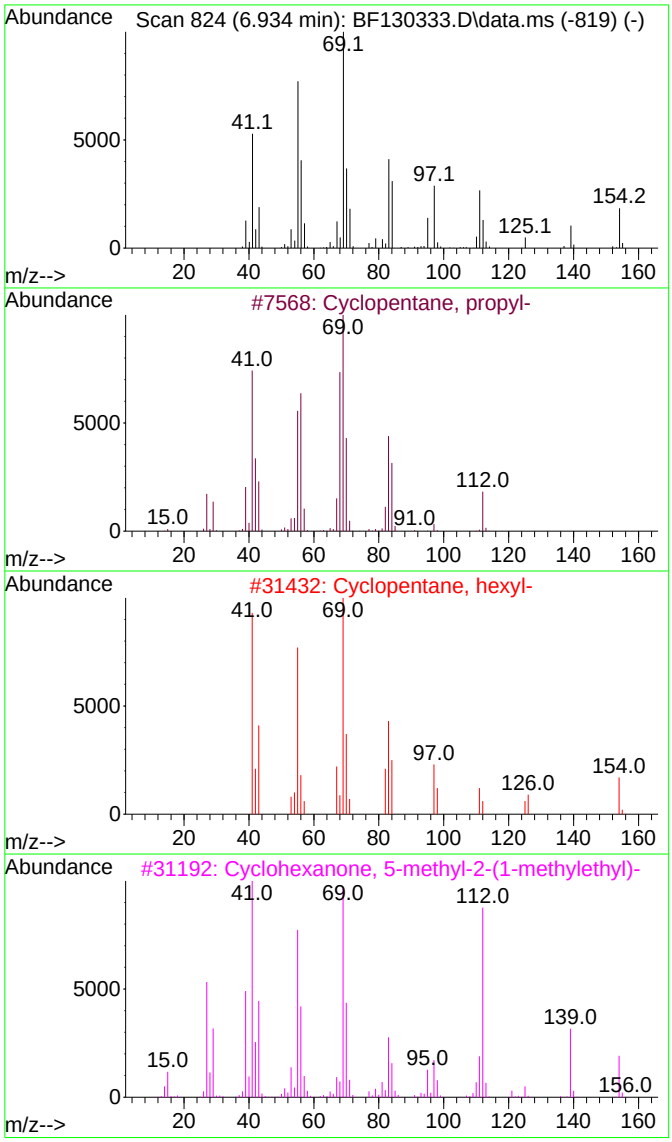
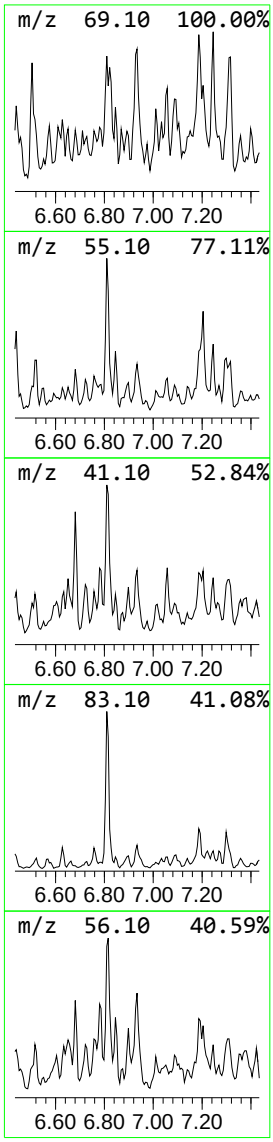
Peak Number 7 Cyclopentane, propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.934	13.50 ng	774488	1,4-Dichlorobenzene-d4	6.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, propyl-	112	C8H16	002040-96-2	62
2	Cyclopentane, hexyl-	154	C11H22	004457-00-5	58
3	Cyclohexanone, 5-methyl-2-(1-met...	154	C10H18O	010458-14-7	58
4	Cyclopentane, 1,2-dipropyl-	154	C11H22	091242-57-8	52
5	4-Decene, 4-methyl-, (E)-	154	C11H22	060366-66-7	46





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Sample : N4630-16 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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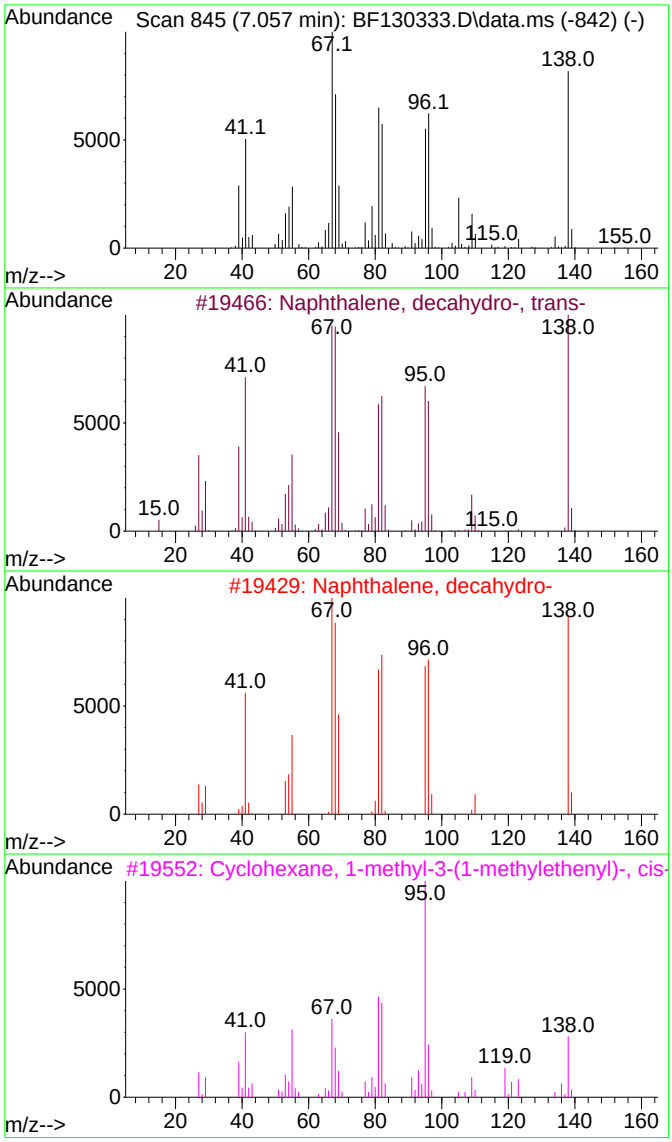
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

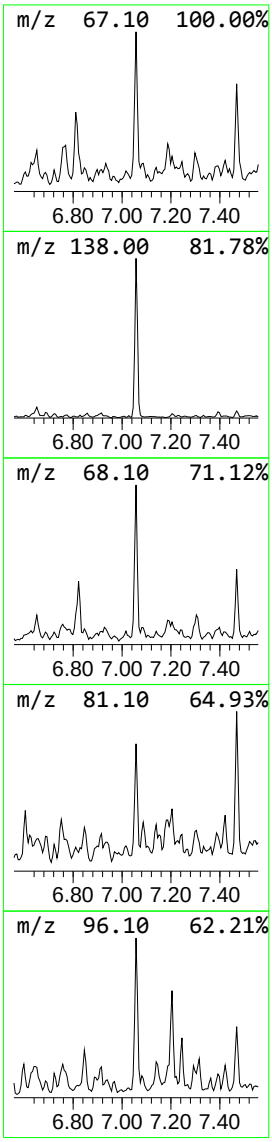
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, decahydro-, tr... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.057	11.05 ng	634315	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	93
3	Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	76
4	2H-Inden-2-one, octahydro-, cis-	138	C9H14O	005689-04-3	72
5	1,1'-Bicyclopentyl	138	C10H18	001636-39-1	70





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Operator : CG\JU
Sample : N4630-16 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

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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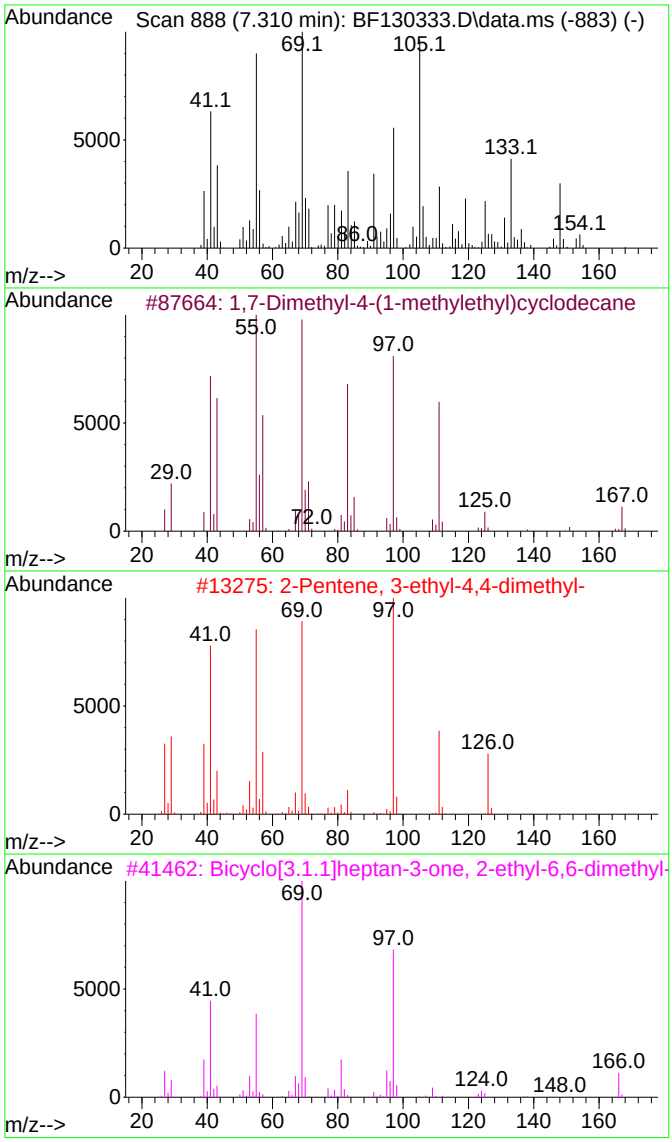
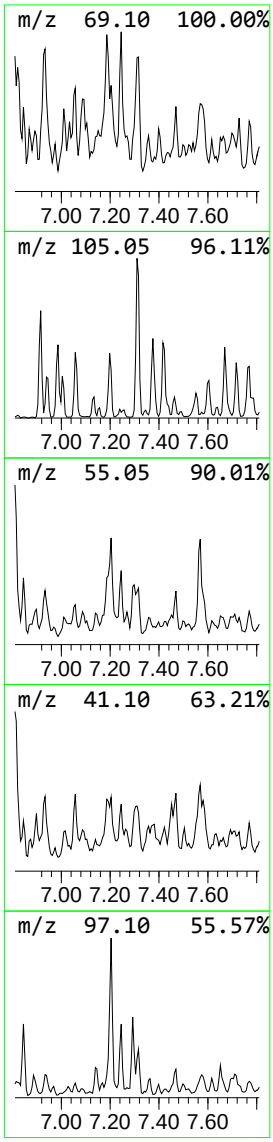
Peak Number 9 unknown7.310 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.310	16.80 ng	825118	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	38
2	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	35
3	Bicyclo[3.1.1]heptan-3-one, 2-et...	166	C11H18O	1000163-95-8	27
4	2-Ethyl-1-pyrroline	97	C6H11N	1000422-81-4	27
5	Cyclopentanecarboxylic acid, all...	154	C9H14O2	178905-33-4	27





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Misc :
ALS Vial : 21 Sample Multiplier: 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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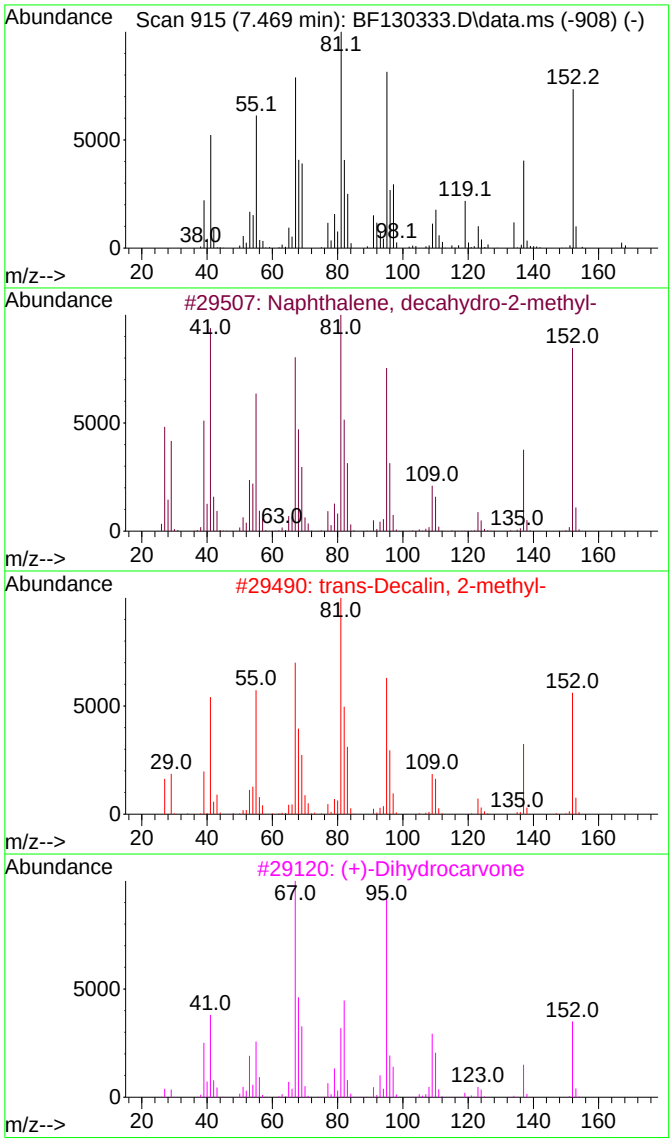
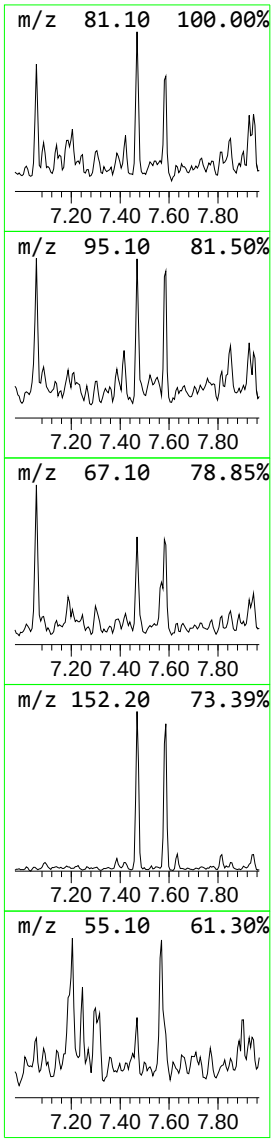
Peak Number 10 Naphthalene, decahydro-2-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.469	23.75 ng	1166740	Naphthalene-d8	7.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	87
3	(+)-Dihydrocarvone	152	C10H16O	005524-05-0	86
4	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	70
5	Pulegone	152	C10H16O	000089-82-7	64





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Misc :
ALS Vial : 21 Sample Multiplier: 1

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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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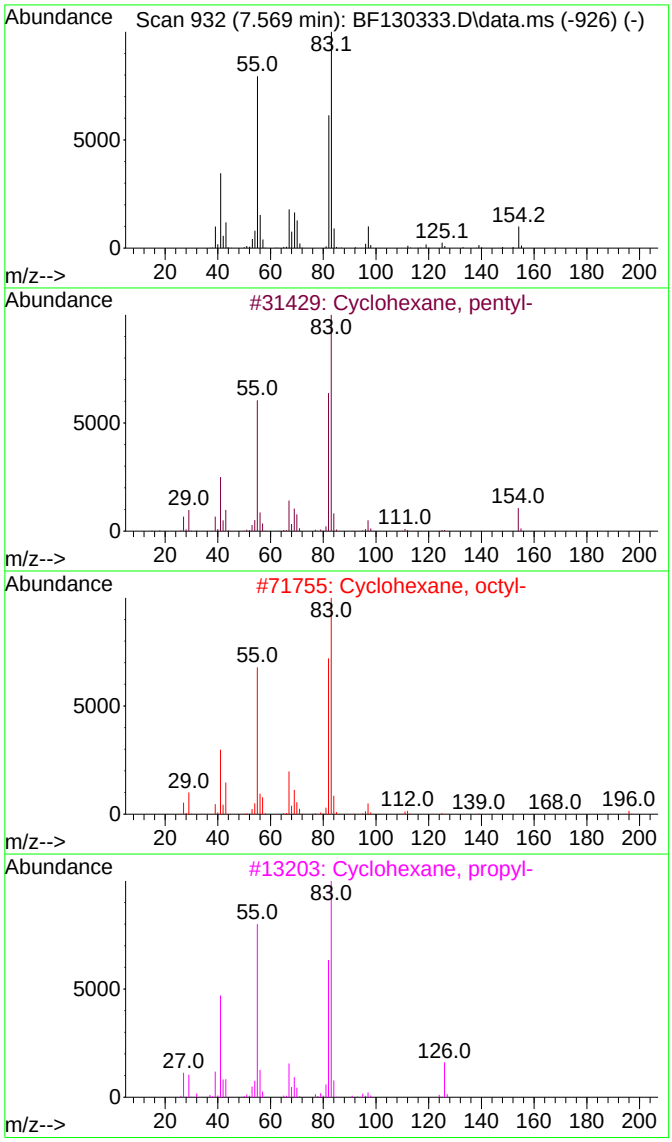
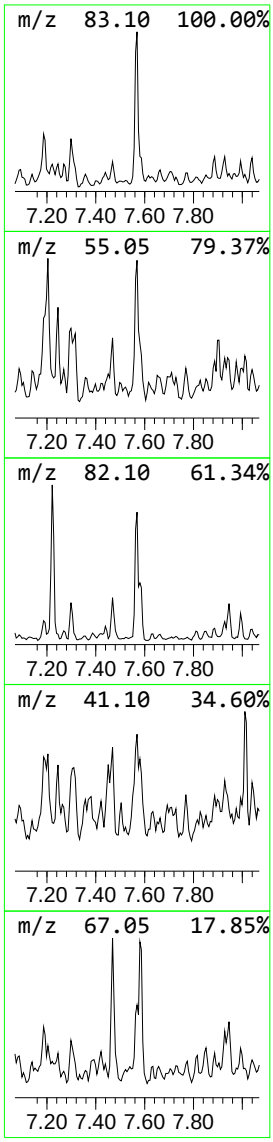
Peak Number 11 Cyclohexane, pentyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.569	14.64 ng	719273	Naphthalene-d8	7.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	95
2	Cyclohexane, octyl-	196	C14H28	001795-15-9	78
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	78
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	78
5	Cyclohexane, undecyl-	238	C17H34	054105-66-7	78





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Misc :
ALS Vial : 21 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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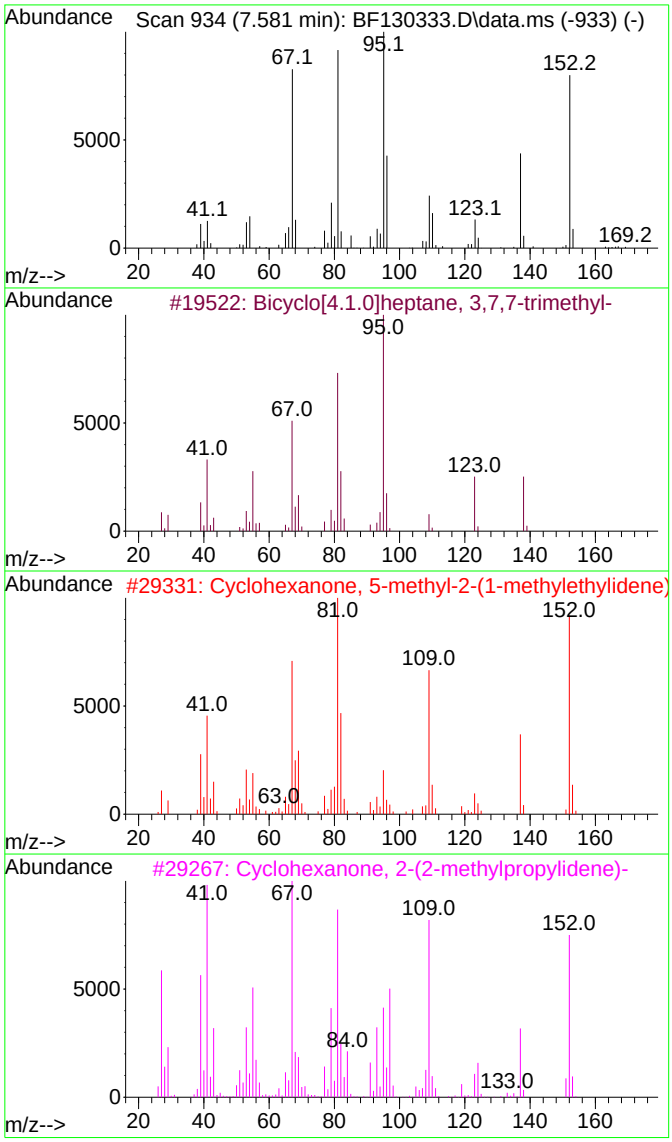
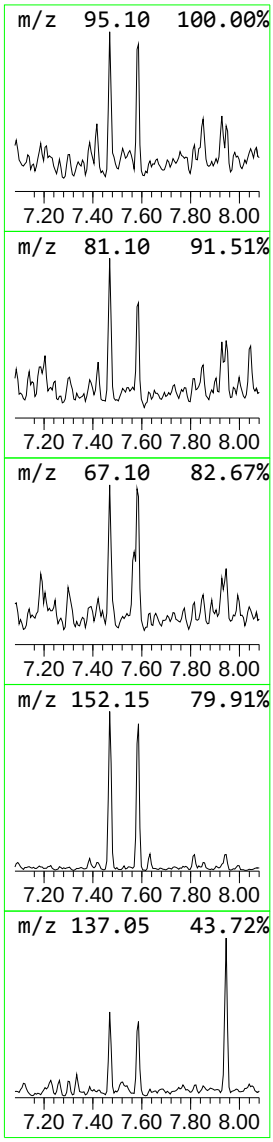
Peak Number 12 Bicyclo[4.1.0]heptane, 3,7,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.581	11.65 ng	572317	Naphthalene-d8	7.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	60
2	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	58
3	Cyclohexanone, 2-(2-methylpropyl...	152	C10H16O	043108-69-6	52
4	2-Dodecyne	166	C12H22	000629-49-2	49
5	8-Oxabicyclo[3.2.1]oct-6-en-3-on...	152	C9H12O2	049747-05-9	46





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Misc :
ALS Vial : 21 Sample Multiplier: 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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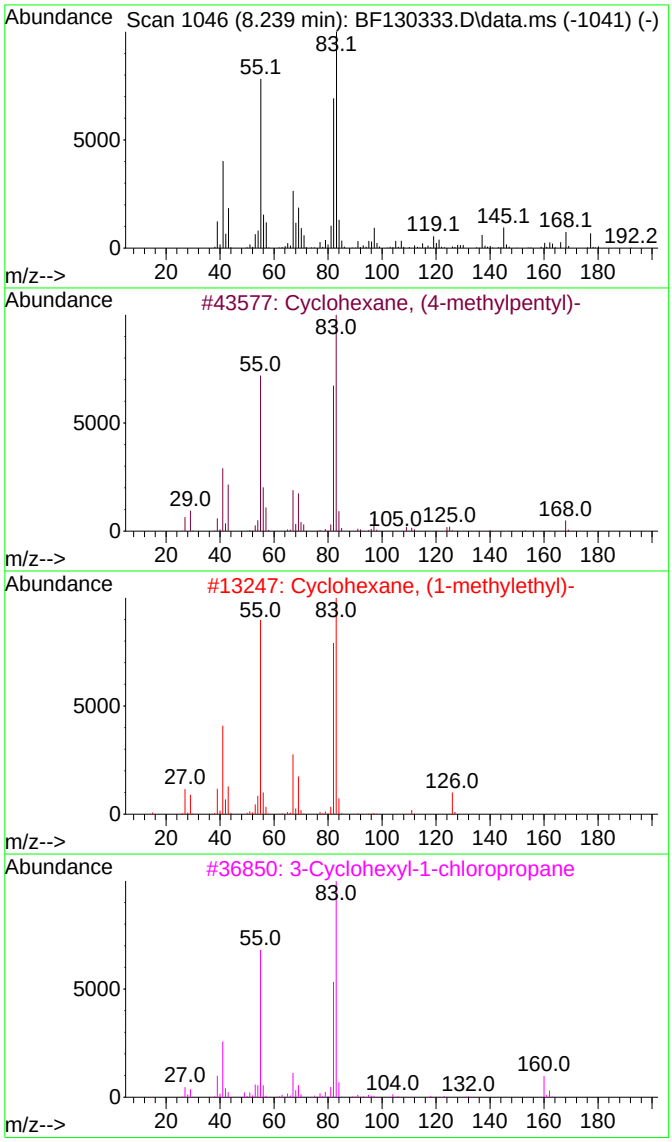
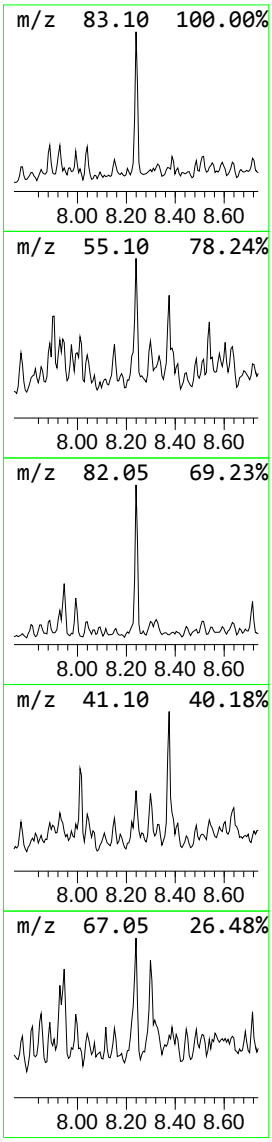
Peak Number 13 Cyclohexane, (4-methylpentyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.239	11.65 ng	572065	Naphthalene-d8	7.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	90
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72
3	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	64
4	Cyclohexane, hexyl-	168	C12H24	004292-75-5	64
5	Cyclohexane, undecyl-	238	C17H34	054105-66-7	64





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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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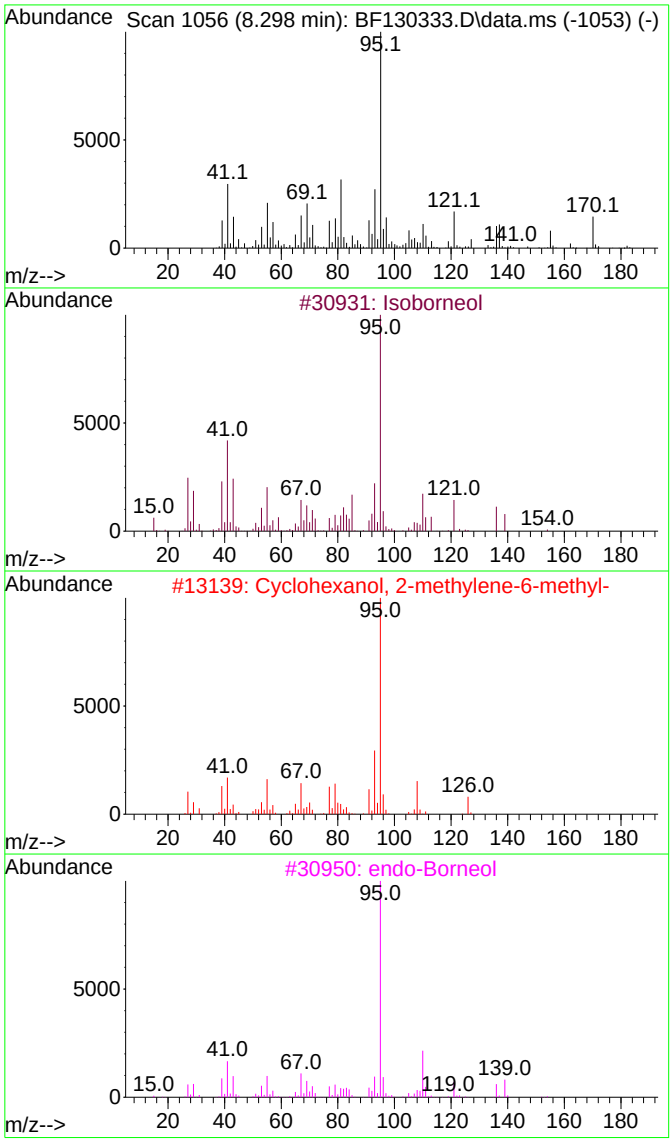
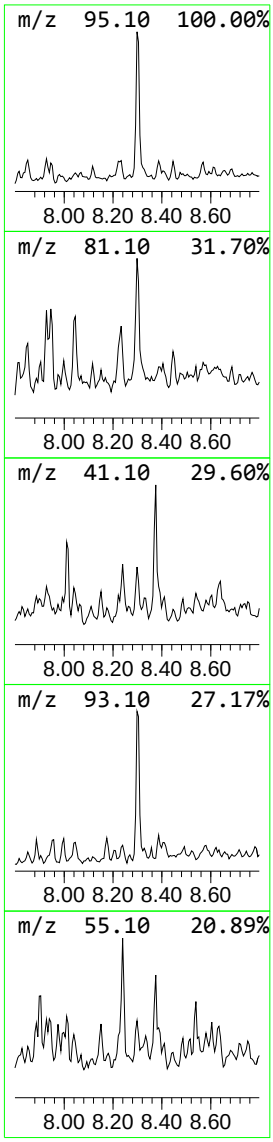
Peak Number 14 Isoborneol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.298	13.03 ng	640265	Naphthalene-d8	7.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoborneol	154	C10H18O	000124-76-5	53
2	Cyclohexanol, 2-methylene-6-methyl-	126	C8H14O	1000196-32-3	47
3	endo-Borneol	154	C10H18O	000507-70-0	47
4	Bicyclo[2.2.1]heptan-2-ol, 1,7,7...	154	C10H18O	000464-45-9	43
5	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	43





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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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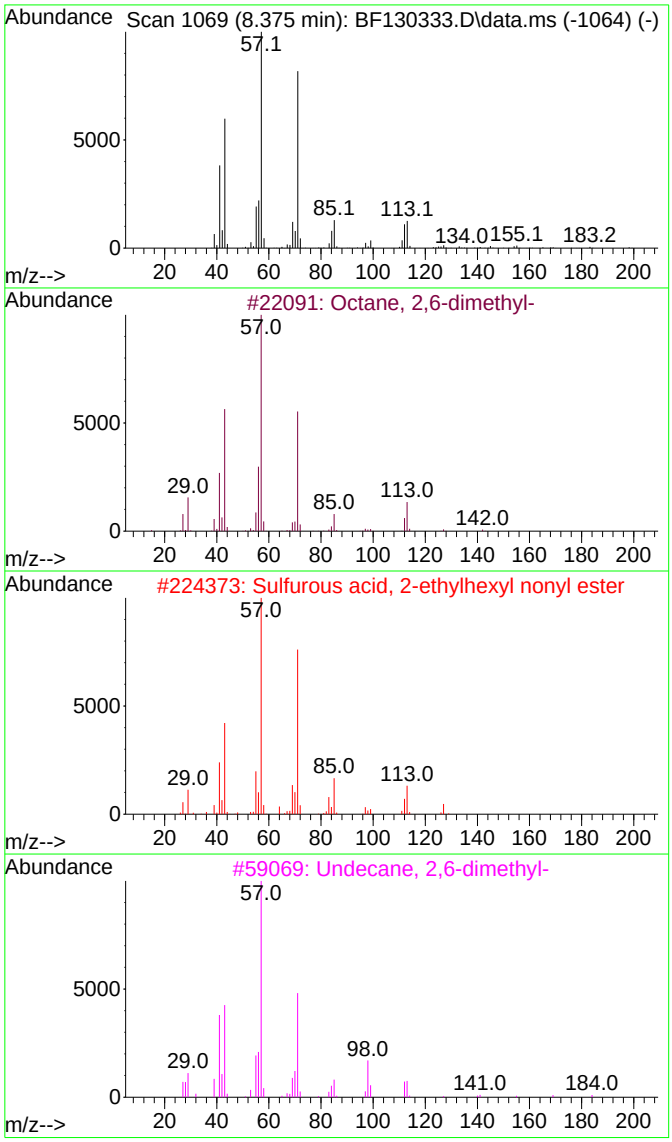
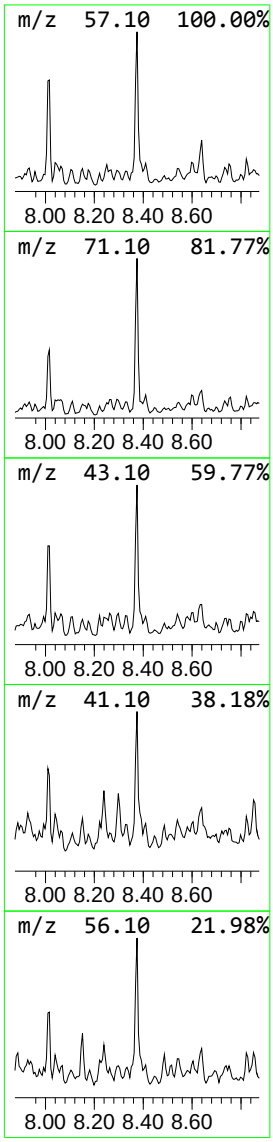
Peak Number 15 Sulfurous acid, 2-ethylhexy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.375	22.34 ng	1097240	Naphthalene-d8	7.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
2	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	80
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	72
4	Oxalic acid, 2-ethylhexyl octyl ...	314	C18H34O4	1000309-39-1	64
5	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	59





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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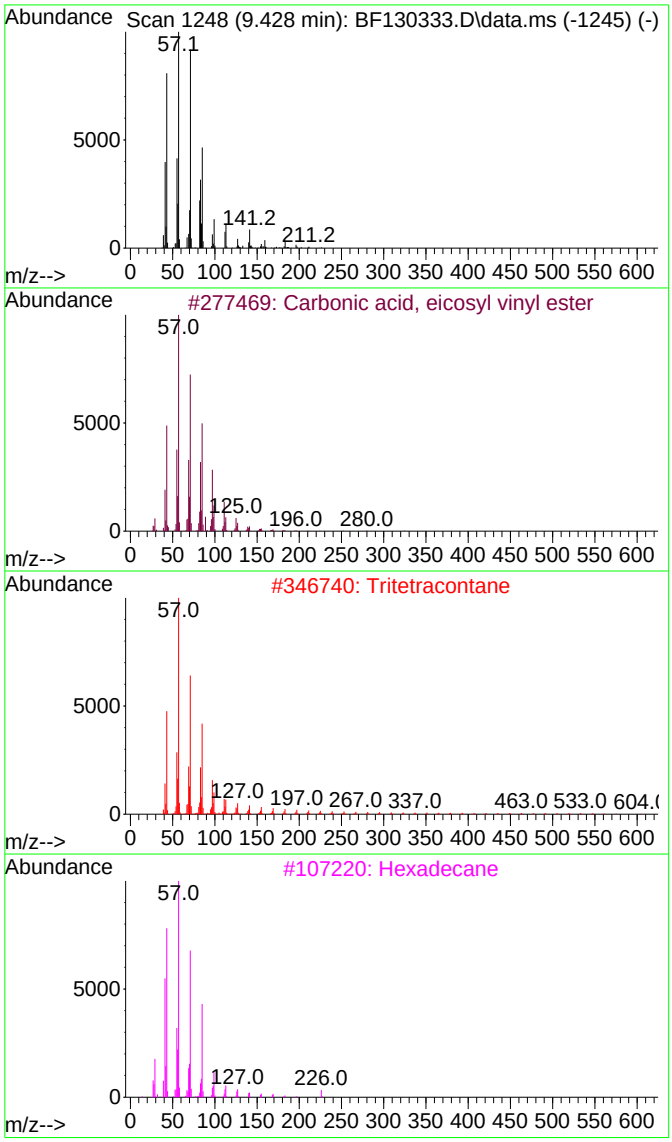
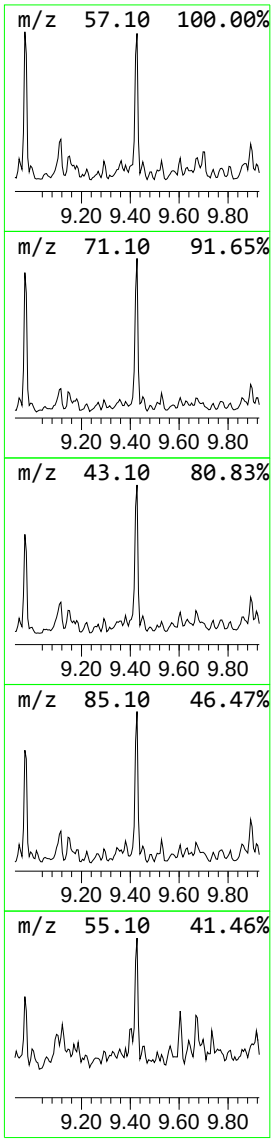
****
Peak Number 16 Carbonic acid, eicosyl viny... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.428	17.68 ng	944669	Acenaphthene-d10	9.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	87
2	Tritetracontane	605	C43H88	007098-21-7	86
3	Hexadecane	226	C16H34	000544-76-3	72
4	Nonadecane	268	C19H40	000629-92-5	72
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091922\
Data File : BF130333.D
Acq On : 19 Sep 2022 22:04
Operator : CG\JU
Sample : N4630-16 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

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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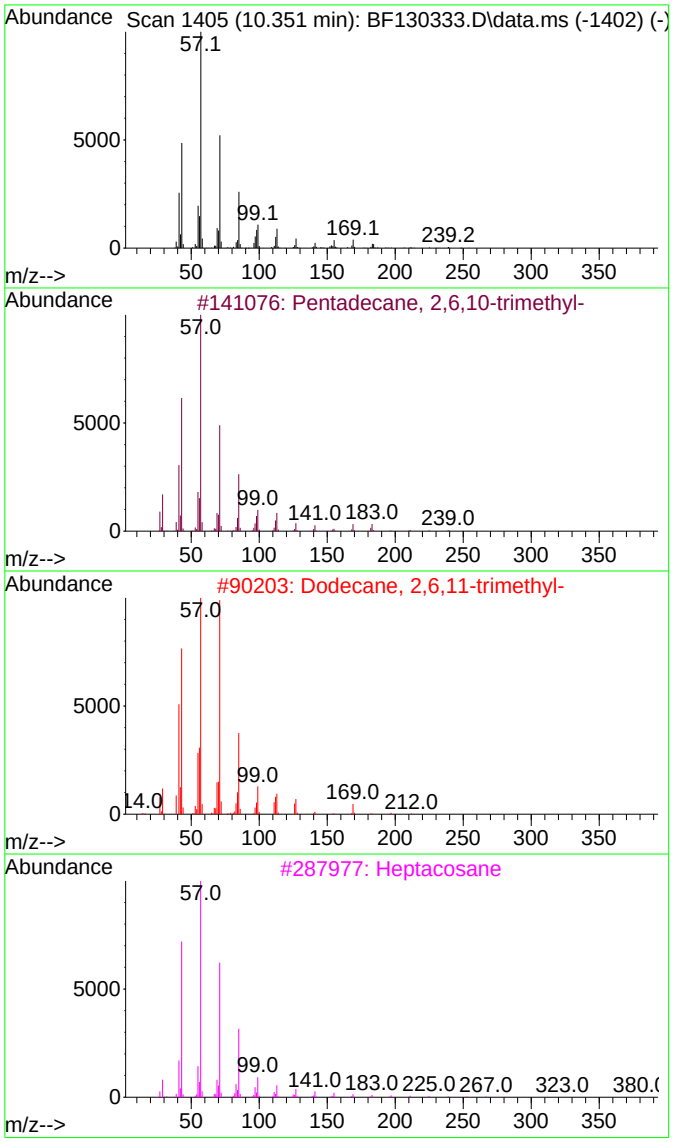
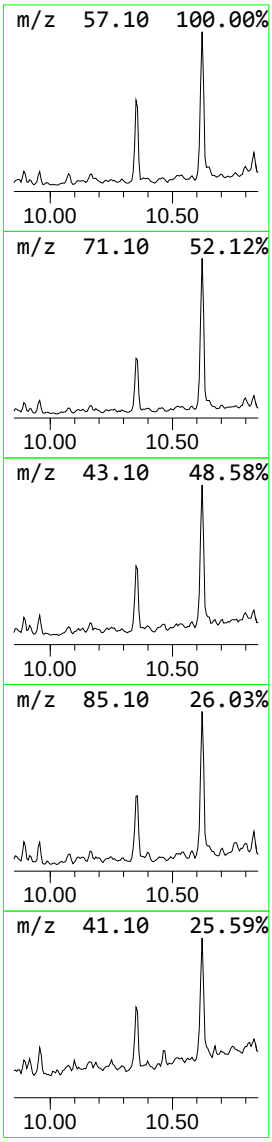
Peak Number 17 Pentadecane, 2,6,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.351	19.13 ng	1021820	Acenaphthene-d10	9.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	93
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	87
3	Heptacosane	380	C27H56	000593-49-7	86
4	Undecane	156	C11H24	001120-21-4	80
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





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Data File : BF130333.D
Acq On : 19 Sep 2022 22:04
Operator : CG\JU
Sample : N4630-16 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

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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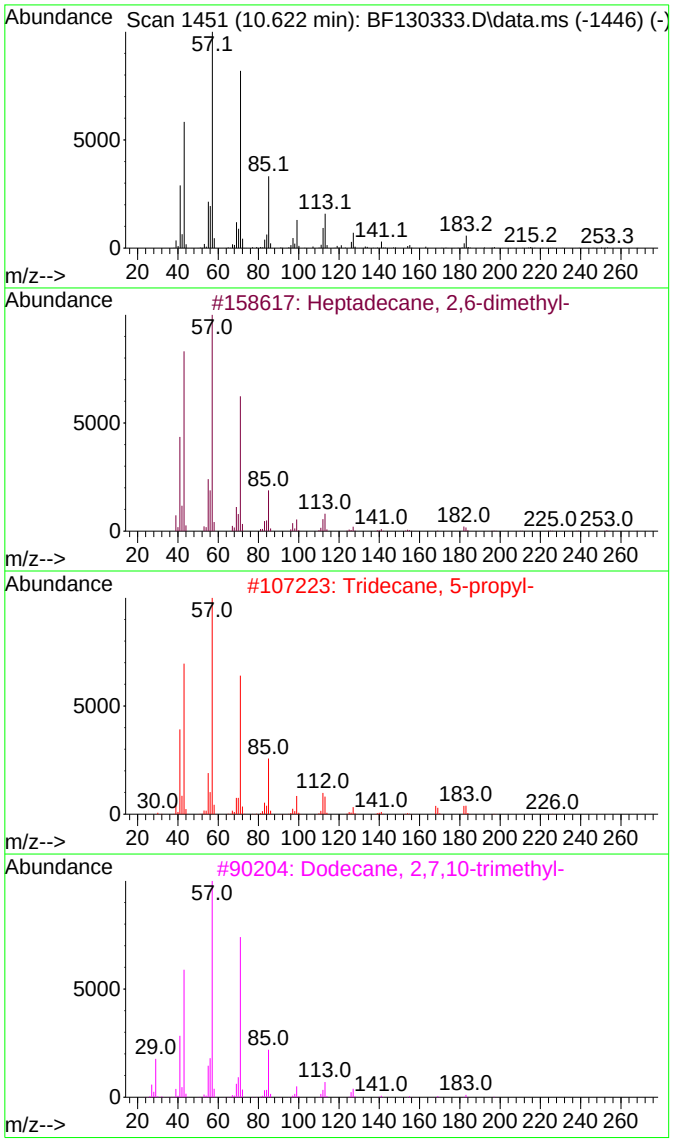
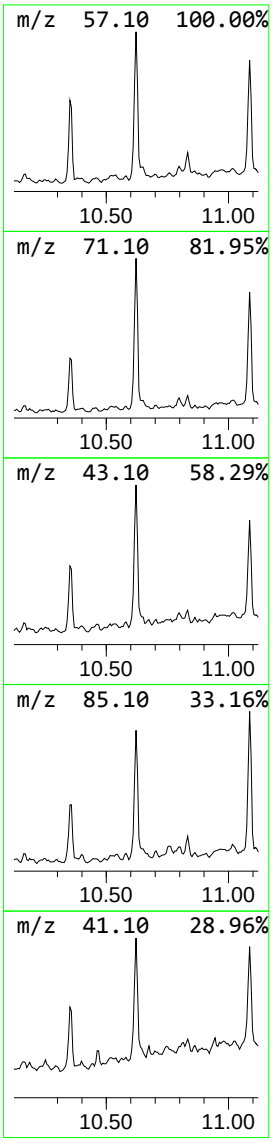
Peak Number 18 Heptadecane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.622	99.97 ng	2553080	Phenanthrene-d10	11.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	87
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	72
5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64





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Data File : BF130333.D
Acq On : 19 Sep 2022 22:04
Operator : CG\JU
Sample : N4630-16 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

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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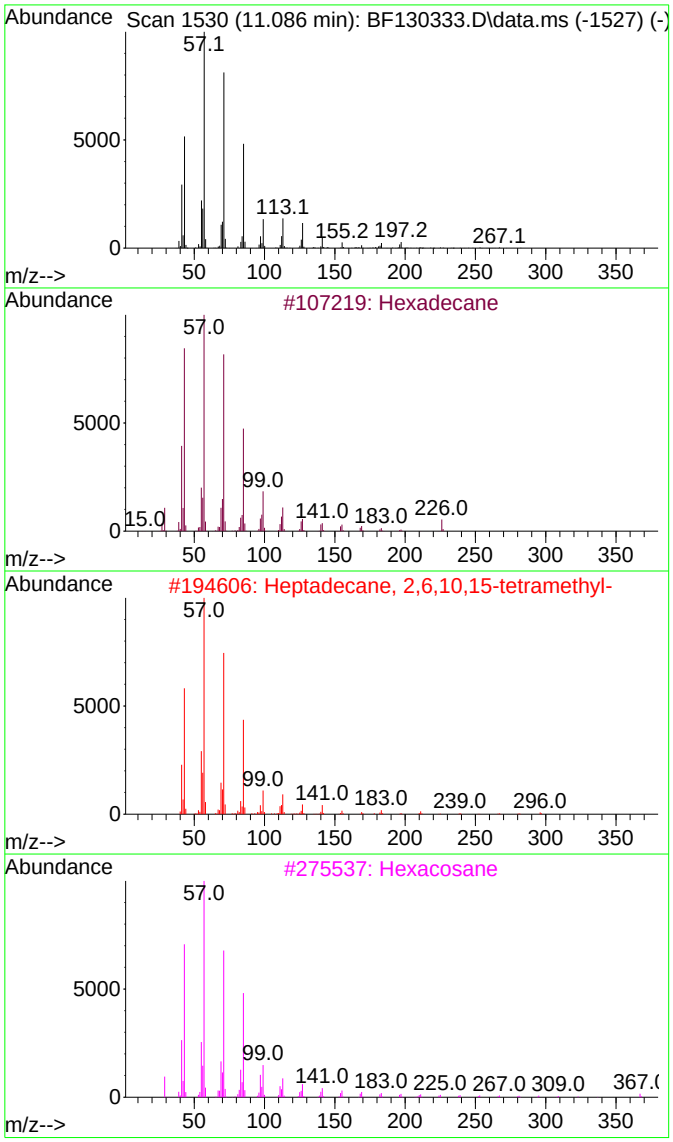
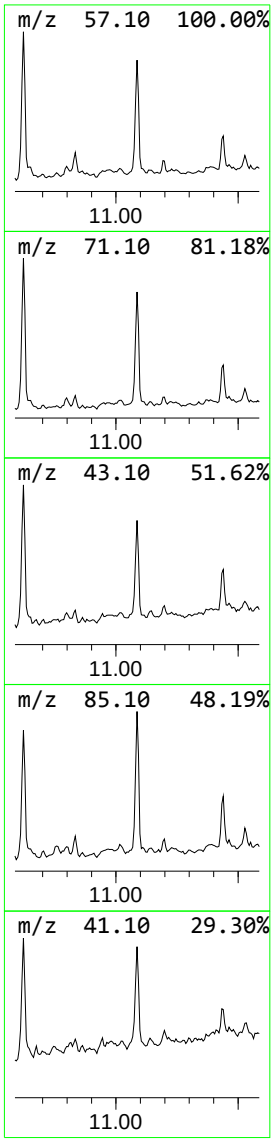
Peak Number 19 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.086	72.66 ng	1855770	Phenanthrene-d10	11.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
3	Hexacosane	366	C26H54	000630-01-3	86
4	Docosane	310	C22H46	000629-97-0	78
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72





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Data File : BF130333.D
Acq On : 19 Sep 2022 22:04
Operator : CG\JU
Sample : N4630-16 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

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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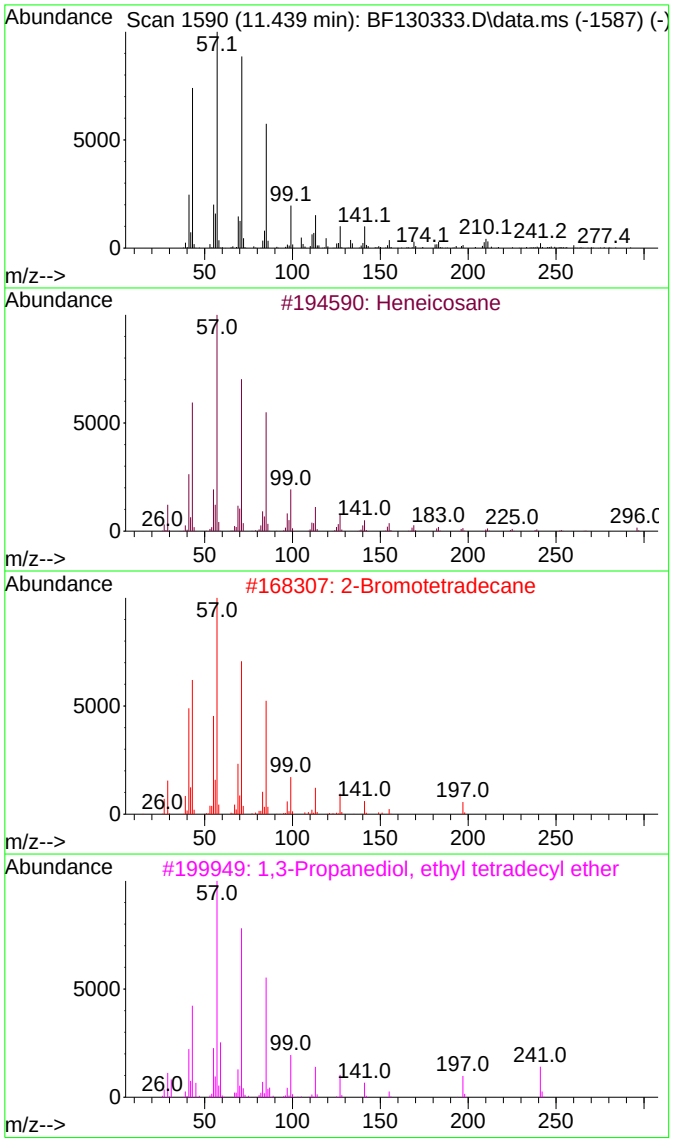
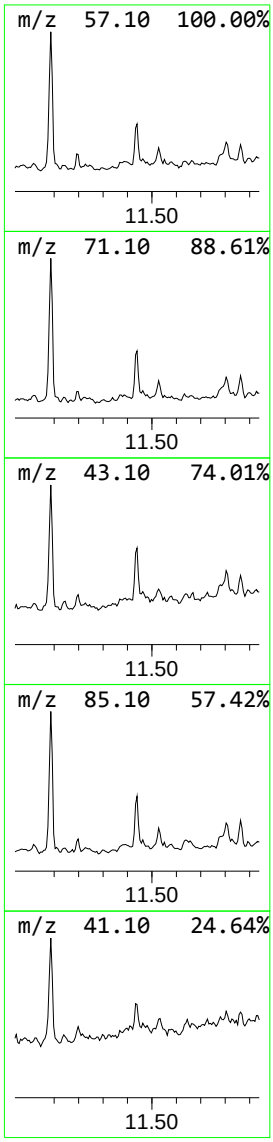
Peak Number 20 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.439	23.65 ng	603934	Phenanthrene-d10	11.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-Bromotetradecane	276	C14H29Br	074036-95-6	90
3	1,3-Propanediol, ethyl tetradecy...	300	C19H40O2	1000406-35-2	90
4	Pentadecane, 7-(bromomethyl)-	304	C16H33Br	052997-43-0	90
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091922\
Data File : BF130333.D
Acq On : 19 Sep 2022 22:04
Operator : CG\JU
Sample : N4630-16 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

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
Succinic acid, ...	5.804	12.2	ng	701790	1	6.663	1147620	20.0
Octane, 2,6-dim...	5.904	25.8	ng	1478090	1	6.663	1147620	20.0
Undecane, 5,6-d...	6.098	15.0	ng	862831	1	6.663	1147620	20.0
4-Octene, 2,6-d...	6.187	13.4	ng	771314	1	6.663	1147620	20.0
Cyclohexane, 1-...	6.404	19.4	ng	1114150	1	6.663	1147620	20.0
Cyclohexane, bu...	6.810	22.0	ng	1263310	1	6.663	1147620	20.0
Cyclopentane, p...	6.934	13.5	ng	774488	1	6.663	1147620	20.0
Naphthalene, de...	7.057	11.1	ng	634315	1	6.663	1147620	20.0
unknown7.310	7.310	16.8	ng	825118	2	7.945	982423	20.0
Naphthalene, de...	7.469	23.8	ng	1166740	2	7.945	982423	20.0
Cyclohexane, pe...	7.569	14.6	ng	719273	2	7.945	982423	20.0
Bicyclo[4.1.0]h...	7.581	11.7	ng	572317	2	7.945	982423	20.0
Cyclohexane, (4...	8.239	11.7	ng	572065	2	7.945	982423	20.0
Isoborneol	8.298	13.0	ng	640265	2	7.945	982423	20.0
Sulfurous acid,...	8.375	22.3	ng	1097240	2	7.945	982423	20.0
Carbonic acid, ...	9.428	17.7	ng	944669	3	9.692	1068450	20.0
Pentadecane, 2,...	10.351	19.1	ng	1021820	3	9.692	1068450	20.0
Heptadecane, 2,...	10.622	100.0	ng	2553080	4	11.175	510793	20.0
Hexadecane	11.086	72.7	ng	1855770	4	11.175	510793	20.0
Heneicosane	11.439	23.6	ng	603934	4	11.175	510793	20.0