LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091922\
Data File : BF130332.D
Acq On : 19 Sep 2022 21:30
Operator : CG\JU
Sample : N4630-21 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-17-4-5

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: BF130332.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.822	461	465	470	rBV	63183	72459	4.45%	0.335%
2	5.222	527	533	537	rBV2	35145	65095	4.00%	0.301%
3	5.263	537	540	548	rVB	297609	280922	17.26%	1.300%
4	5.669	600	609	613	rVB2	63048	104027	6.39%	0.481%
5	5.804	629	632	636	rVB2	104180	100506	6.18%	0.465%
6	5.904	646	649	655	rVB2	184258	222241	13.65%	1.029%
7	5.957	655	658	661	rBV	124359	112898	6.94%	0.523%
8	6.093	676	681	684	rBV2	135193	177013	10.88%	0.819%
9	6.187	694	697	700	rBV2	130990	150475	9.25%	0.696%
10	6.210	700	701	706	rVB	71784	64788	3.98%	0.300%
11	6.304	714	717	719	rBV	357999	272935	16.77%	1.263%
12	6.328	719	721	723	rVB2	74411	56070	3.44%	0.260%
13	6.398	729	733	737	rBV3	94636	144170	8.86%	0.667%
14	6.487	745	748	749	rBV	68014	75187	4.62%	0.348%
15	6.604	763	768	769	rBV3	39984	56027	3.44%	0.259%
16	6.663	774	778	784	rVB2	687306	790439	48.56%	3.659%
17	6.722	784	788	790	rBV	118356	134406	8.26%	0.622%
18	6.757	790	794	795	rVV3	48313	55817	3.43%	0.258%
19	6.781	795	798	800	rVV	108026	102328	6.29%	0.474%
20	6.810	800	803	807	rVV	175179	190123	11.68%	0.880%
21	6.840	807	808	811	rVB	71937	57596	3.54%	0.267%
22	6.928	819	823	828	rVB4	107318	195559	12.02%	0.905%
23	6.975	828	831	834	rBV4	53775	60392	3.71%	0.280%
24	7.010	834	837	841	rBV4	76322	97285	5.98%	0.450%
25	7.051	841	844	847	rBV2	212176	187413	11.51%	0.867%
26	7.087	847	850	854	rVB5	49959	71441	4.39%	0.331%
27	7.187	862	867	868	rBV4	107848	135800	8.34%	0.629%
28	7.222	871	873	875	rVV	243751	202339	12.43%	0.937%
29	7.263	878	880	883	rVB2	148903	113919	7.00%	0.527%
30	7.304	883	887	891	rVB5	131804	216541	13.30%	1.002%
31	7.351	891	895	897	rBV4	62640	84643	5.20%	0.392%
32	7.375	897	899	903	rVV3	64864	88348	5.43%	0.409%
33	7.416	903	906	908	rVV3	62711	71724	4.41%	0.332%
34	7.440	908	910	912	rVV3	96304	114931	7.06%	0.532%
35	7.463	912	914	917	rVB2	193865	174256	10.71%	0.807%
36	7.563	927	931	932	rBV2	85009	82671	5.08%	0.383%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091922\
Data File : BF130332.D
Acq On : 19 Sep 2022 21:30
Operator : CG\JU
Sample : N4630-21 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-17-4-5

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	7.581	932	934	938	rVB3	201500	191800	11.78%	0.888%
38	7.634	940	943	945	rBV2	54377	54568	3.35%	0.253%
39	7.687	950	952	957	rBV5	95830	141614	8.70%	0.655%
40	7.763	963	965	970	rVB3	84353	94426	5.80%	0.437%
41	7.816	970	974	975	rBV3	51272	66346	4.08%	0.307%
42	7.851	978	980	982	rVV3	77279	69080	4.24%	0.320%
43	7.887	983	986	987	rVV3	89796	93733	5.76%	0.434%
44	7.945	990	996	998	rVV	844078	936877	57.56%	4.336%
45	7.963	998	999	1002	rVV2	80850	85957	5.28%	0.398%
46	7.992	1002	1004	1005	rVV	98756	75754	4.65%	0.351%
47	8.010	1005	1007	1010	rVV	280418	212391	13.05%	0.983%
48	8.039	1010	1012	1015	rVV4	79384	88948	5.46%	0.412%
49	8.110	1020	1024	1028	rBV4	44991	83810	5.15%	0.388%
50	8.145	1028	1030	1033	rVB2	71551	55283	3.40%	0.256%
51	8.239	1041	1046	1048	rBV3	173638	236957	14.56%	1.097%
52	8.292	1052	1055	1058	rBV2	165065	170019	10.45%	0.787%
53	8.328	1058	1061	1064	rVB3	110214	109808	6.75%	0.508%
54	8.369	1064	1068	1072	rBV	483200	524422	32.22%	2.427%
55	8.404	1072	1074	1077	rVB3	127123	135723	8.34%	0.628%
56	8.445	1077	1081	1084	rBV4	75548	86706	5.33%	0.401%
57	8.481	1084	1087	1089	rBV3	78327	87355	5.37%	0.404%
58	8.539	1094	1097	1101	rVV	132995	173530	10.66%	0.803%
59	8.598	1105	1107	1110	rVV3	97892	111646	6.86%	0.517%
60	8.634	1110	1113	1115	rVV2	132329	171782	10.55%	0.795%
61	8.716	1125	1127	1130	rBV4	43599	60119	3.69%	0.278%
62	8.751	1131	1133	1137	rVB2	104806	86740	5.33%	0.401%
63	8.822	1142	1145	1147	rVV	146336	131911	8.10%	0.611%
64	8.851	1147	1150	1155	rVV3	162783	238738	14.67%	1.105%
65	8.904	1155	1159	1161	rVV5	70092	114950	7.06%	0.532%
66	8.939	1161	1165	1167	rVV3	81627	134932	8.29%	0.625%
67	8.969	1167	1170	1173	rVV	511803	411014	25.25%	1.902%
68	9.016	1175	1178	1181	rVB	399718	323686	19.89%	1.498%
69	9.104	1188	1193	1197	rBV5	161811	329691	20.26%	1.526%
70	9.292	1223	1225	1227	rVB2	82388	66702	4.10%	0.309%
71	9.351	1233	1235	1238	rBV4	80203	83827	5.15%	0.388%
72	9.398	1241	1243	1245	rVV2	330416	276083	16.96%	1.278%
73	9.422	1245	1247	1250	rVV	641478	488634	30.02%	2.262%
74	9.451	1250	1252	1256	rVB3	96368	94207	5.79%	0.436%
75	9.510	1260	1262	1264	rBV2	66434	55781	3.43%	0.258%
76	9.557	1267	1270	1275	rBV5	169001	220964	13.58%	1.023%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091922\
Data File : BF130332.D
Acq On : 19 Sep 2022 21:30
Operator : CG\JU
Sample : N4630-21 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-17-4-5

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

77	9.604	1275	1278	1280	rVB	336453	294721	18.11%	1.364%
78	9.633	1280	1283	1286	rBV3	108638	141836	8.71%	0.656%
79	9.669	1286	1289	1291	rBV2	222557	258317	15.87%	1.196%
80	9.692	1291	1293	1297	rVV2	972082	945418	58.09%	4.376%
81	9.733	1298	1300	1302	rVB3	100496	73945	4.54%	0.342%
82	9.804	1310	1312	1315	rVB2	97000	81466	5.01%	0.377%
83	9.857	1319	1321	1324	rVV3	88632	108181	6.65%	0.501%
84	9.892	1325	1327	1329	rVV2	207486	188570	11.59%	0.873%
85	9.916	1329	1331	1333	rVB	228425	160332	9.85%	0.742%
86	9.957	1335	1338	1342	rVB2	232880	225988	13.88%	1.046%
87	10.010	1345	1347	1348	rBV	119706	92467	5.68%	0.428%
88	10.063	1353	1356	1359	rBV4	107612	146637	9.01%	0.679%
89	10.098	1359	1362	1364	rBV2	199707	174367	10.71%	0.807%
90	10.233	1382	1385	1386	rBV3	105022	98345	6.04%	0.455%
91	10.351	1401	1405	1408	rBV	662340	642903	39.50%	2.976%
92	10.469	1422	1425	1430	rBV3	191137	319712	19.64%	1.480%
93	10.616	1445	1450	1456	rBV	1288260	1627594	100.00%	7.533%
94	10.675	1457	1460	1462	rVV2	234997	203575	12.51%	0.942%
95	10.745	1469	1472	1474	rBV3	179831	216167	13.28%	1.001%
96	11.080	1526	1529	1533	rVB	949986	973623	59.82%	4.506%
97	11.175	1542	1545	1547	rBV	582522	520980	32.01%	2.411%
98	11.433	1587	1589	1592	rBV	322598	254419	15.63%	1.178%
99	12.433	1757	1759	1766	rVB2	673316	901931	55.41%	4.175%
100	12.763	1813	1815	1821	rVB2	604342	594093	36.50%	2.750%

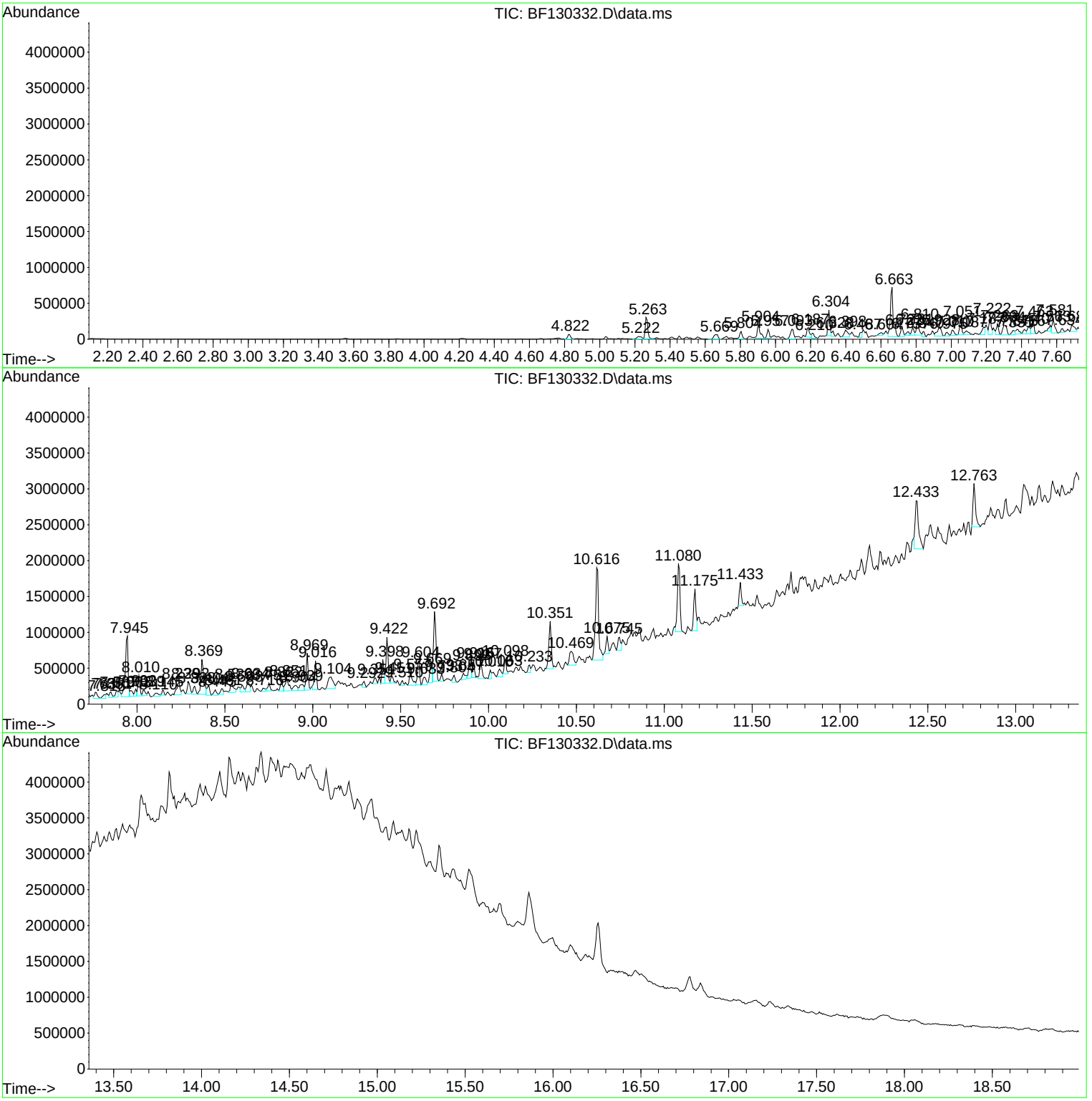
Sum of corrected areas: 21604885

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091922\
Data File : BF130332.D
Acq On : 19 Sep 2022 21:30
Operator : CG\JU
Sample : N4630-21 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-17-4-5

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\
Data File : BF130332.D
Acq On : 19 Sep 2022 21:30
Operator : CG\JU
Sample : N4630-21 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-17-4-5

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

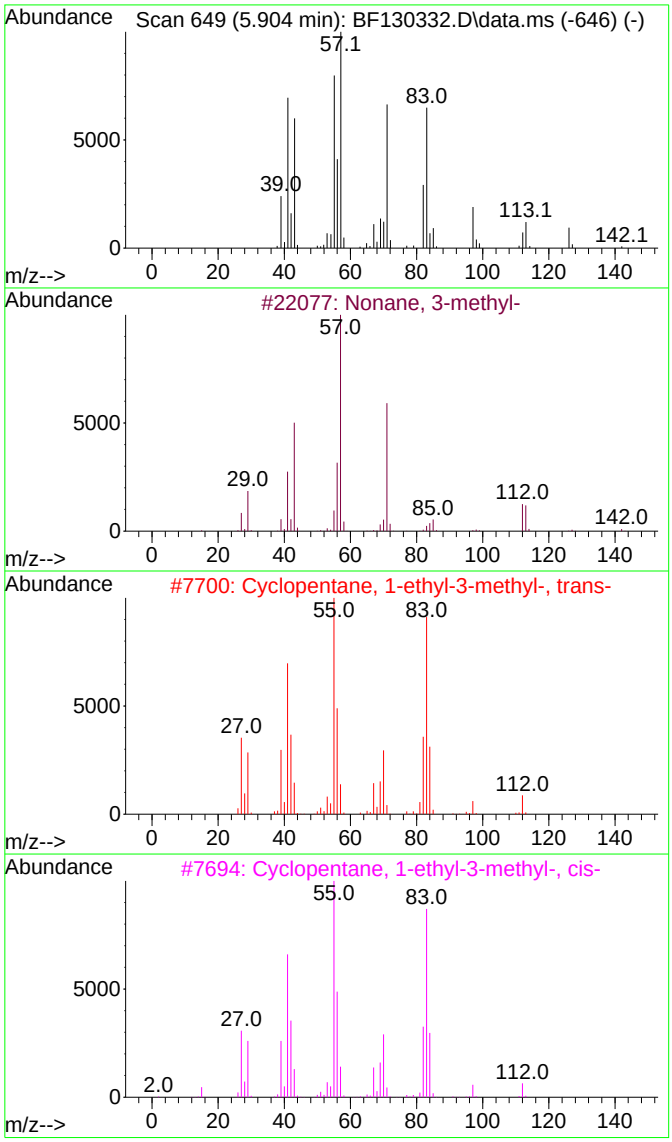
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

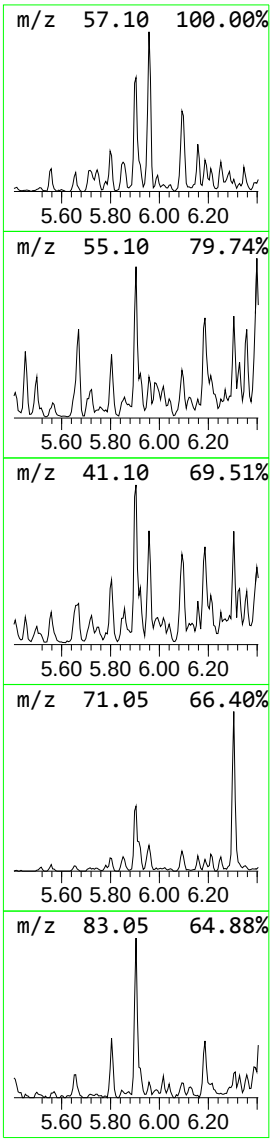
****

Peak Number 1 Nonane, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.904	5.62 ng	222241	1,4-Dichlorobenzene-d4	6.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	55
2	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	49
3	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	49
4	Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	49
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091922\
Data File : BF130332.D
Acq On : 19 Sep 2022 21:30
Operator : CG\JU
Sample : N4630-21 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-17-4-5

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

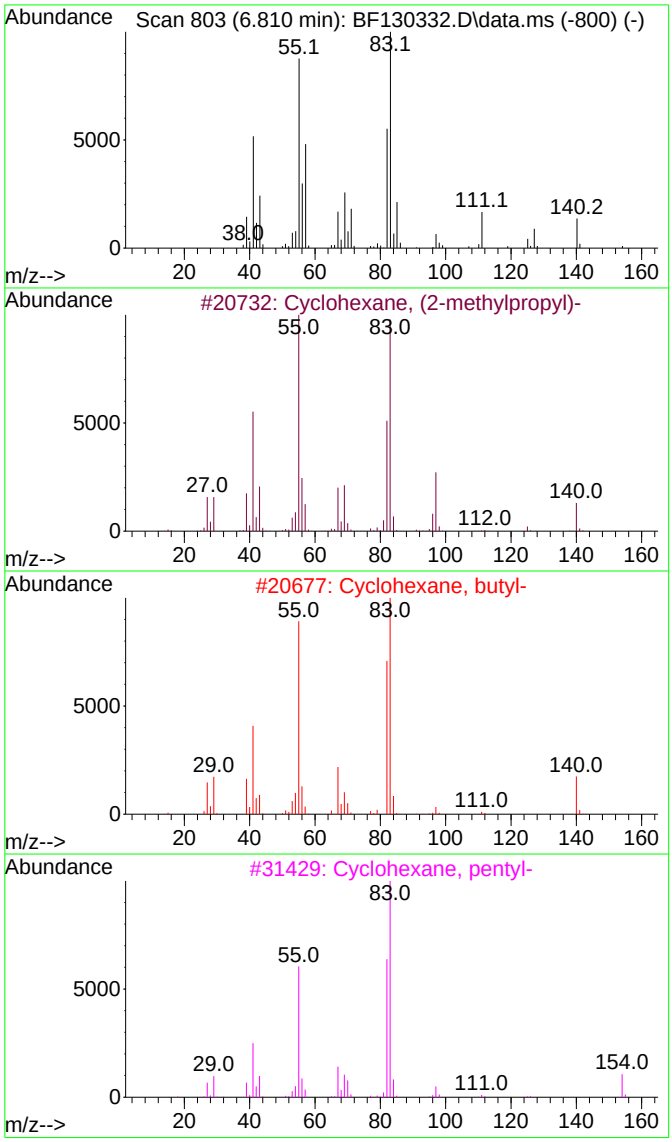
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

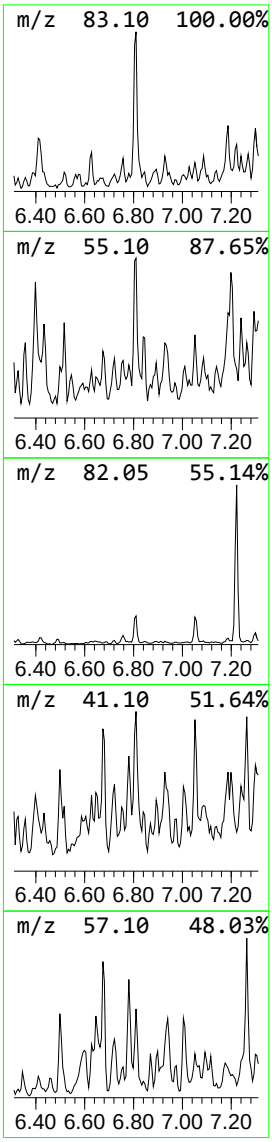
****

Peak Number 2 Cyclohexane, (2-methylpropyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.810	4.81 ng	190123	1,4-Dichlorobenzene-d4	6.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	81
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	76
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	58
4	Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	58
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091922\
Data File : BF130332.D
Acq On : 19 Sep 2022 21:30
Operator : CG\JU
Sample : N4630-21 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-17-4-5

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

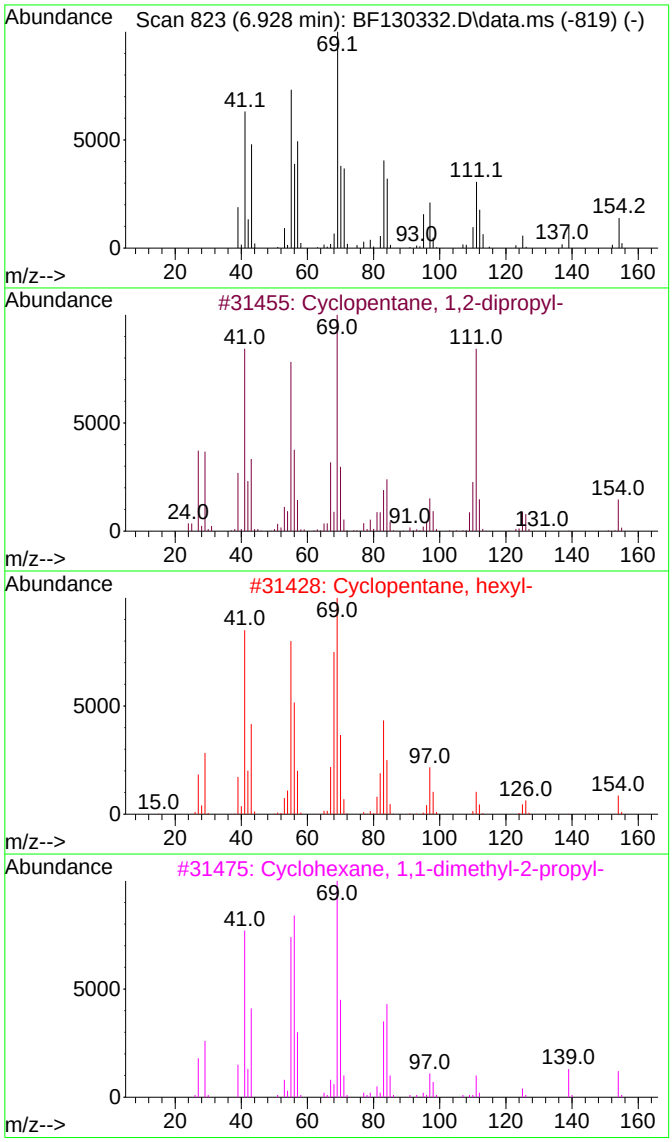
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

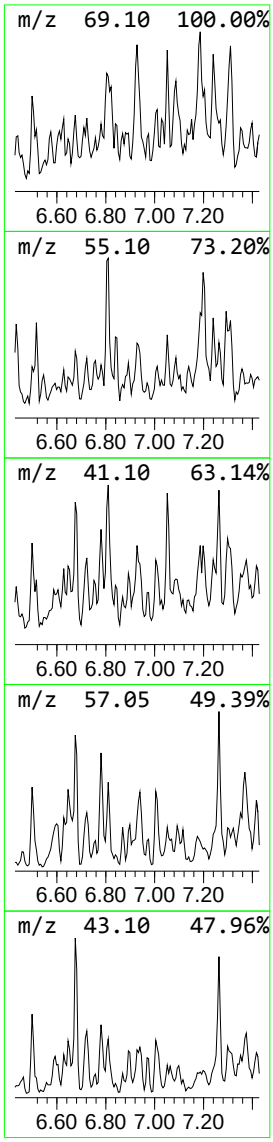
****

Peak Number 3 Cyclopentane, 1,2-dipropyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.928	4.95 ng	195559	1,4-Dichlorobenzene-d4	6.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dipropyl-	154	C11H22	091242-57-8	70
2	Cyclopentane, hexyl-	154	C11H22	004457-00-5	62
3	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	46
4	3-Heptene, 2-methyl-	112	C8H16	017618-76-7	46
5	4-Isopropyl-1,3-cyclohexanedione	154	C9H14O2	062831-62-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091922\
Data File : BF130332.D
Acq On : 19 Sep 2022 21:30
Operator : CG\JU
Sample : N4630-21 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-17-4-5

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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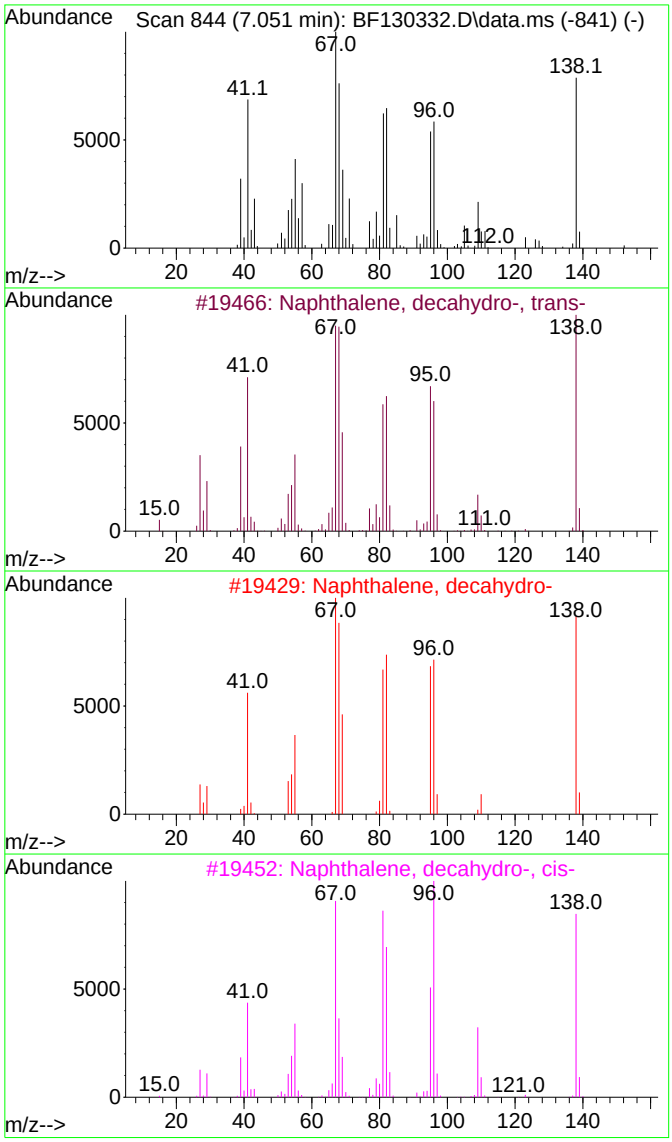
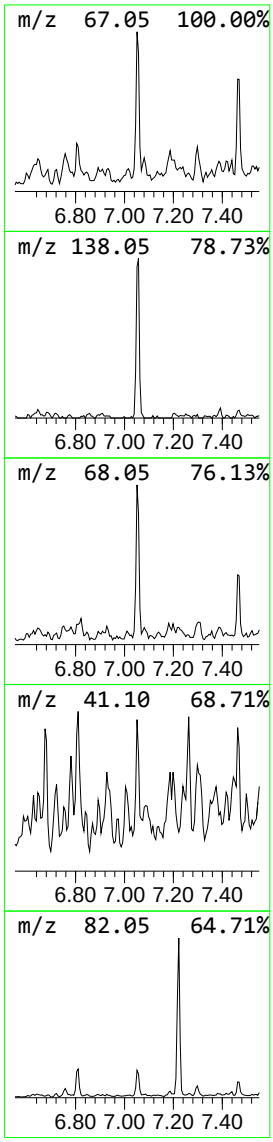
Peak Number 4 Naphthalene, decahydro-, tr... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.051	4.74 ng	187413	1,4-Dichlorobenzene-d4	6.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	97
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	96
3	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	86
4	Spiro[4.5]decane	138	C10H18	000176-63-6	70
5	Cyclodecene	138	C10H18	003618-12-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091922\
Data File : BF130332.D
Acq On : 19 Sep 2022 21:30
Operator : CG\JU
Sample : N4630-21 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-17-4-5

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

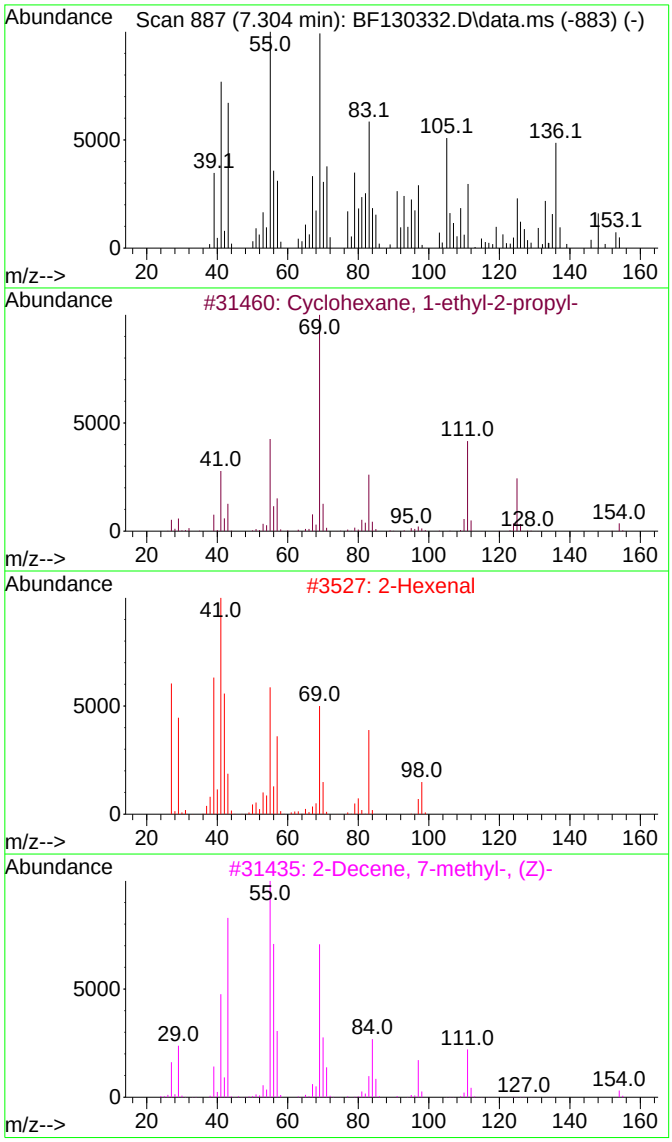
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

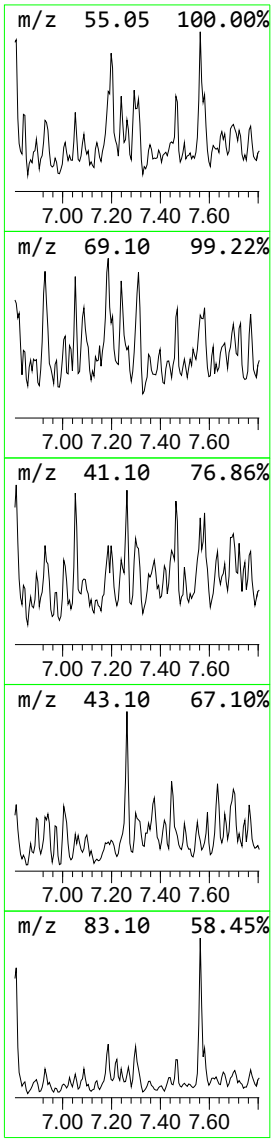
****

Peak Number 5 unknown7.304 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.304	5.48 ng	216541	1,4-Dichlorobenzene-d4	6.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	38
2	2-Hexenal	98	C6H10O	000505-57-7	35
3	2-Decene, 7-methyl-, (Z)-	154	C11H22	074630-23-2	35
4	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	35
5	Geranyl acetate	196	C12H20O2	000105-87-3	35





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Acq On : 19 Sep 2022 21:30
Operator : CG\JU
Sample : N4630-21 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-17-4-5

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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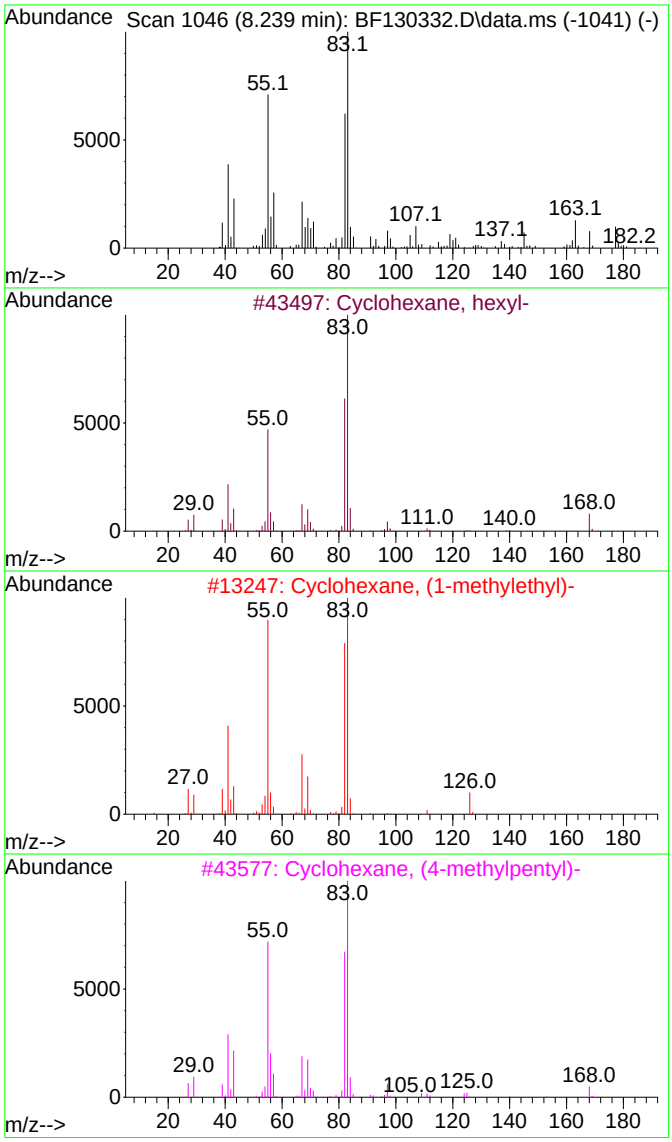
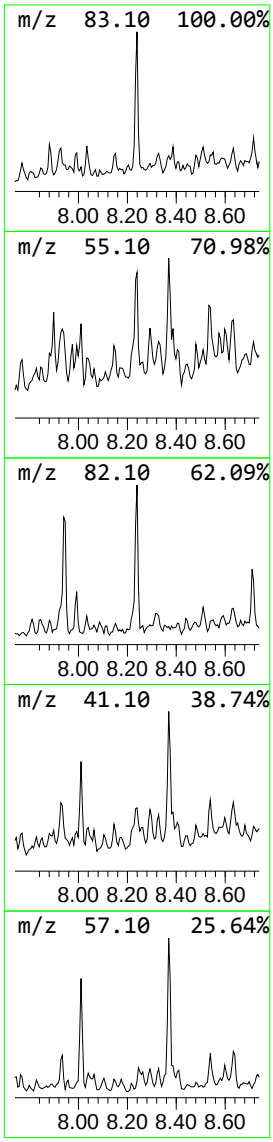
Peak Number 6 Cyclohexane, hexyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.239	5.06 ng	236957	Naphthalene-d8	7.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	72
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
3	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	64
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	59
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	59





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Sample : N4630-21 5X
Misc :
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Instrument :
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ClientSampleId :
WC-17-4-5

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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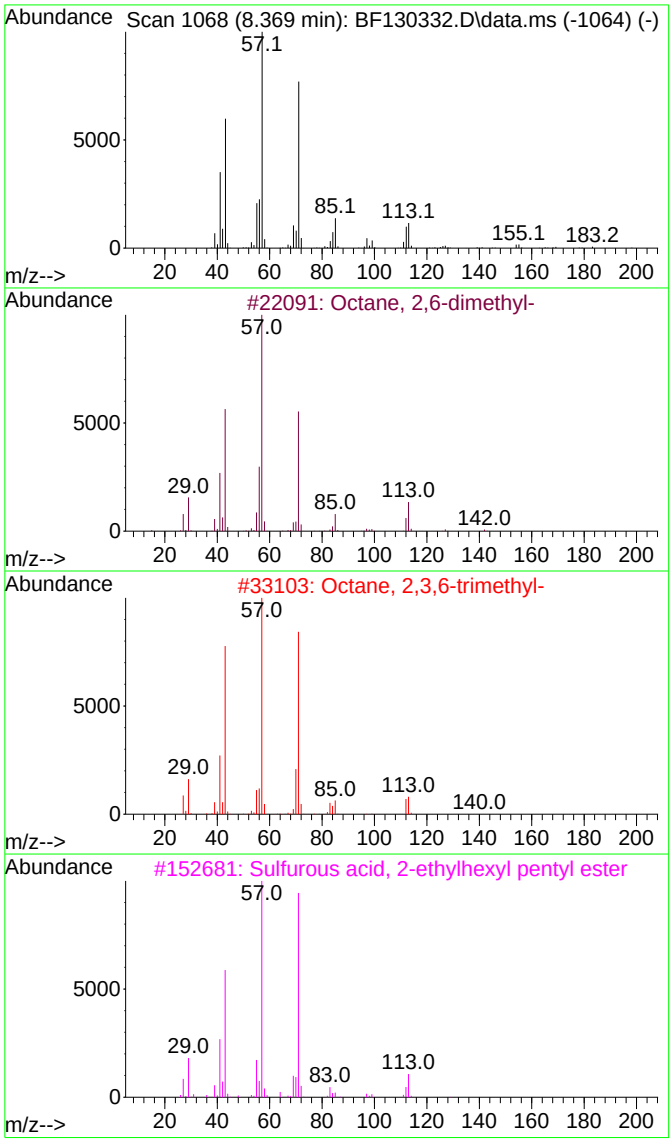
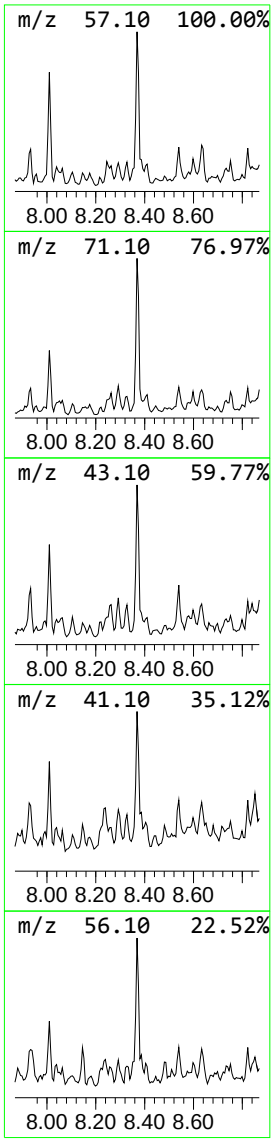
Peak Number 7 Octane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.369	11.20 ng	524422	Naphthalene-d8	7.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	64
3	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	59
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	59
5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	53





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Acq On : 19 Sep 2022 21:30
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Sample : N4630-21 5X
Misc :
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Instrument :
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ClientSampleId :
WC-17-4-5

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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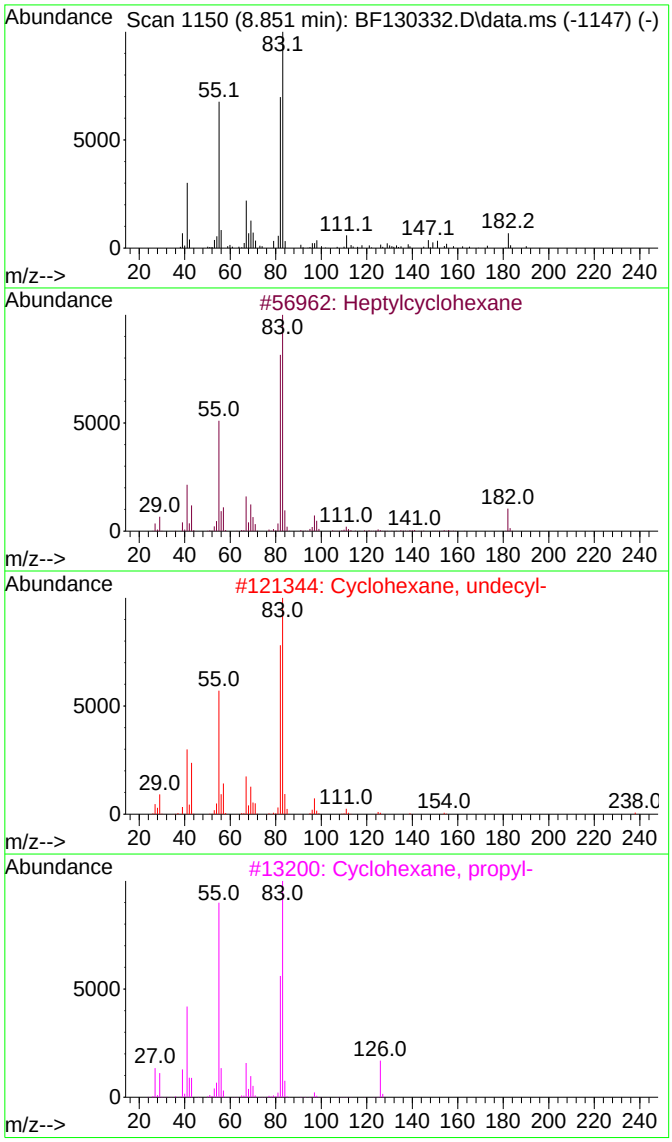
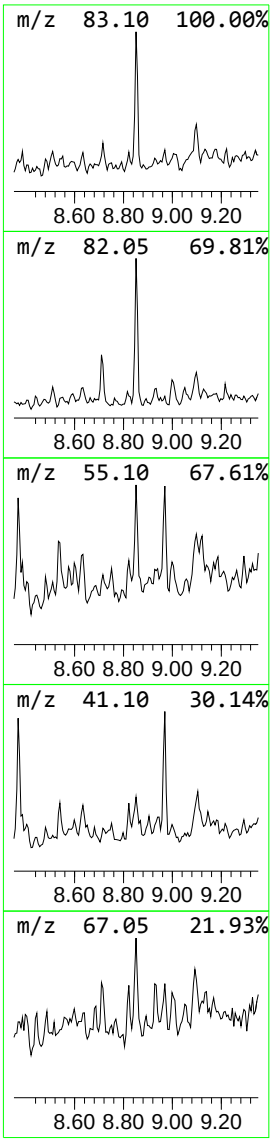
Peak Number 8 Heptylcyclohexane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.851	5.05 ng	238738	Acenaphthene-d10	9.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	90
2	Cyclohexane, undecyl-	238	C17H34	054105-66-7	78
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
4	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	64
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	64





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Acq On : 19 Sep 2022 21:30
Operator : CG\JU
Sample : N4630-21 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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BNA_F
ClientSampleId :
WC-17-4-5

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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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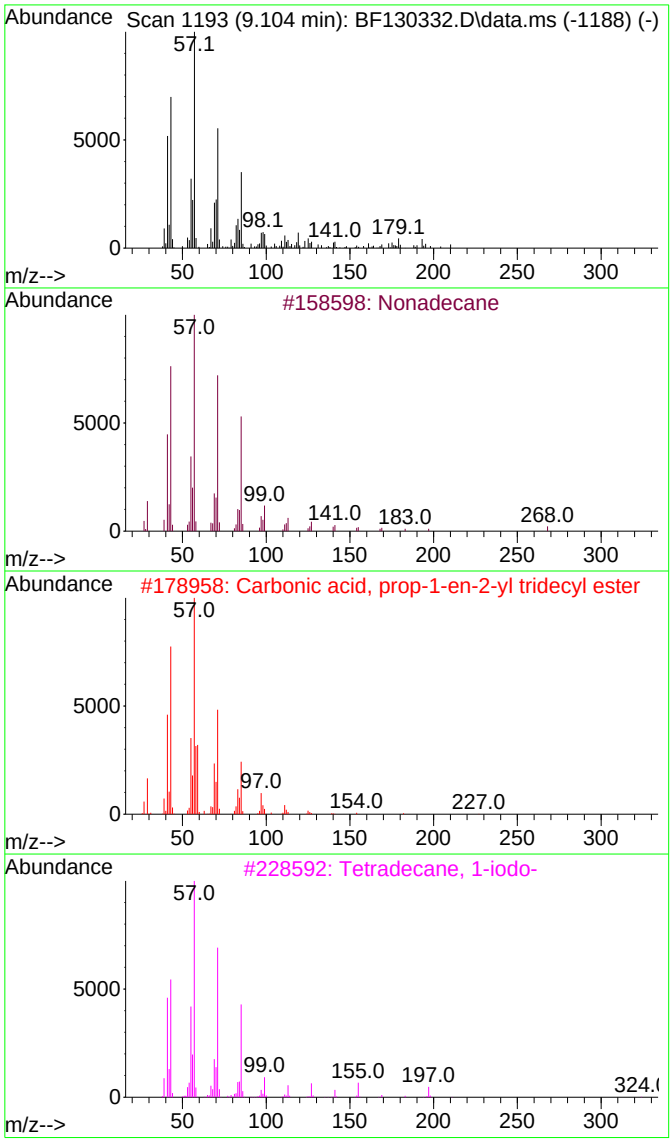
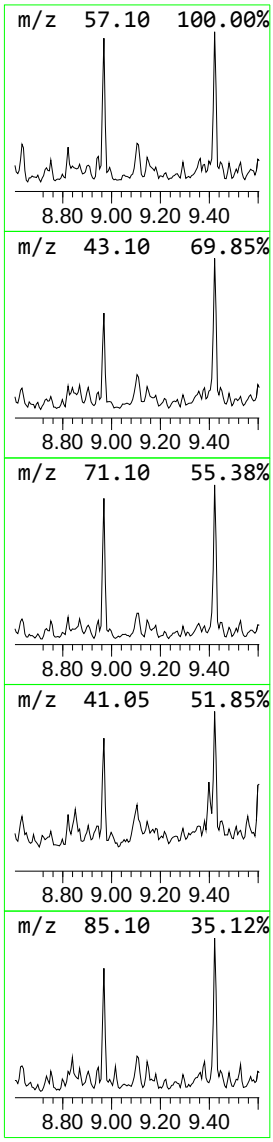
Peak Number 9 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.104	6.97 ng	329691	Acenaphthene-d10	9.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	72
2	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	72
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
4	Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	72
5	Carbonic acid, octyl prop-1-en-2...	214	C12H22O3	1000382-54-0	64





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Acq On : 19 Sep 2022 21:30
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Sample : N4630-21 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-17-4-5

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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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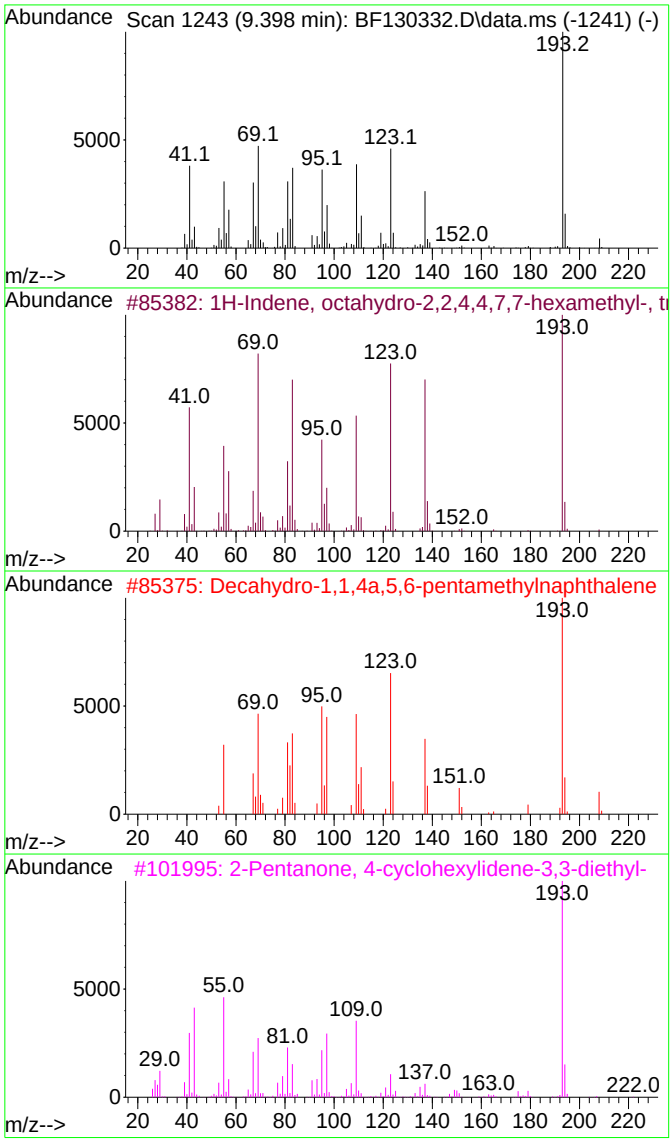
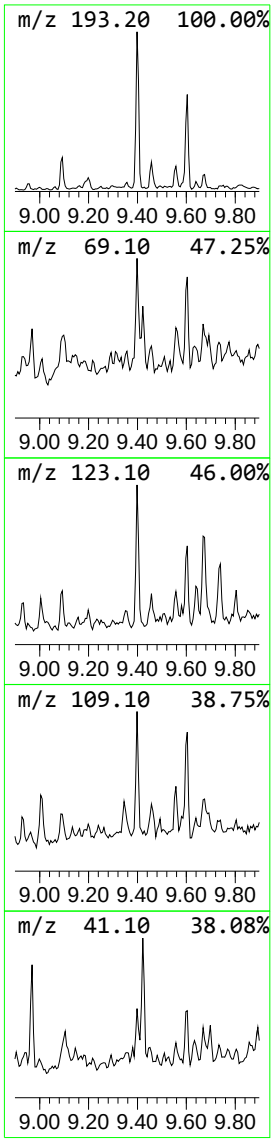
Peak Number 10 unknown9.398 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.398	5.84 ng	276083	Acenaphthene-d10	9.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	40
2	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	38
3	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	33
4	6-Methylphenanthridine	193	C14H11N	003955-65-5	25
5	9-Phenanthrenamine	193	C14H11N	000947-73-9	22





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Acq On : 19 Sep 2022 21:30
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Sample : N4630-21 5X
Misc :
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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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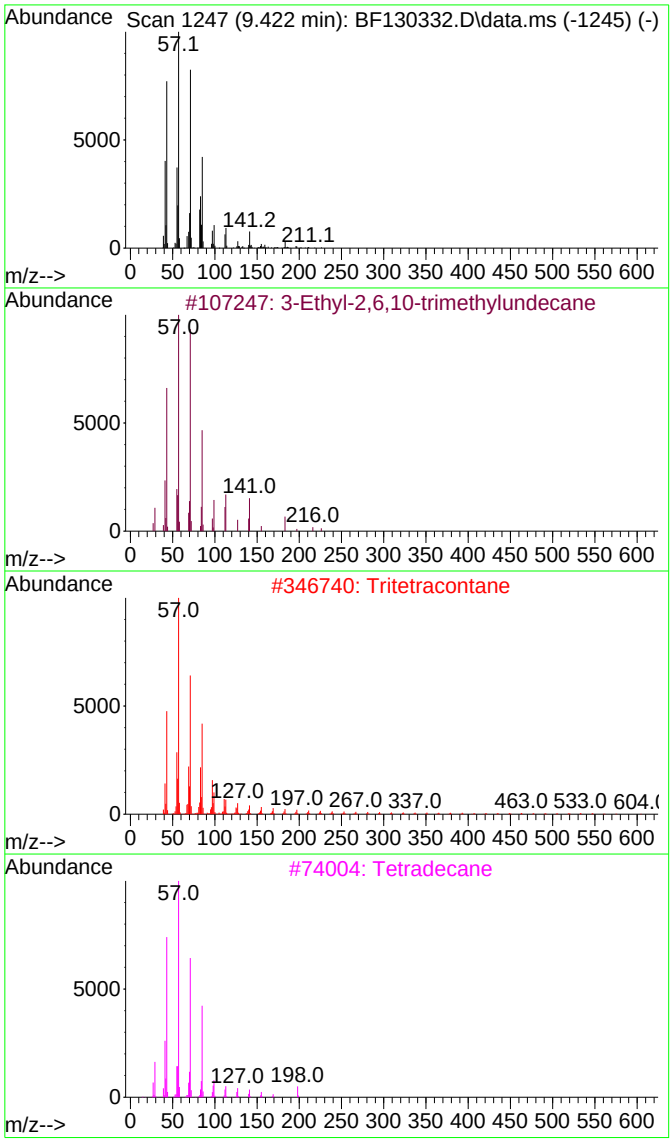
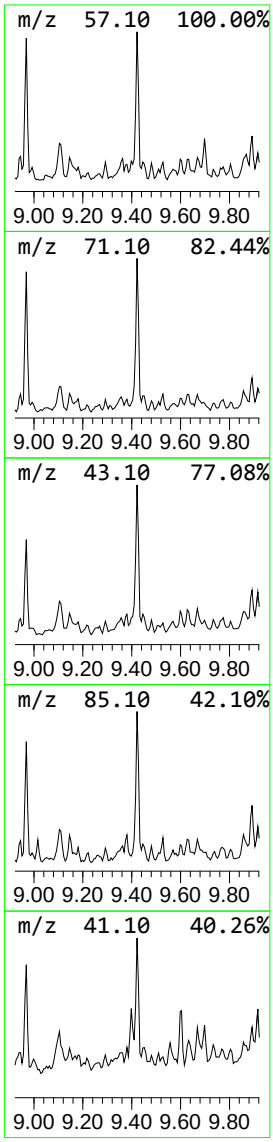
Peak Number 11 3-Ethyl-2,6,10-trimethylund... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.422	10.34 ng	488634	Acenaphthene-d10	9.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	93
2	Tritetracontane	605	C43H88	007098-21-7	90
3	Tetradecane	198	C14H30	000629-59-4	86
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83





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Acq On : 19 Sep 2022 21:30
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Sample : N4630-21 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-17-4-5

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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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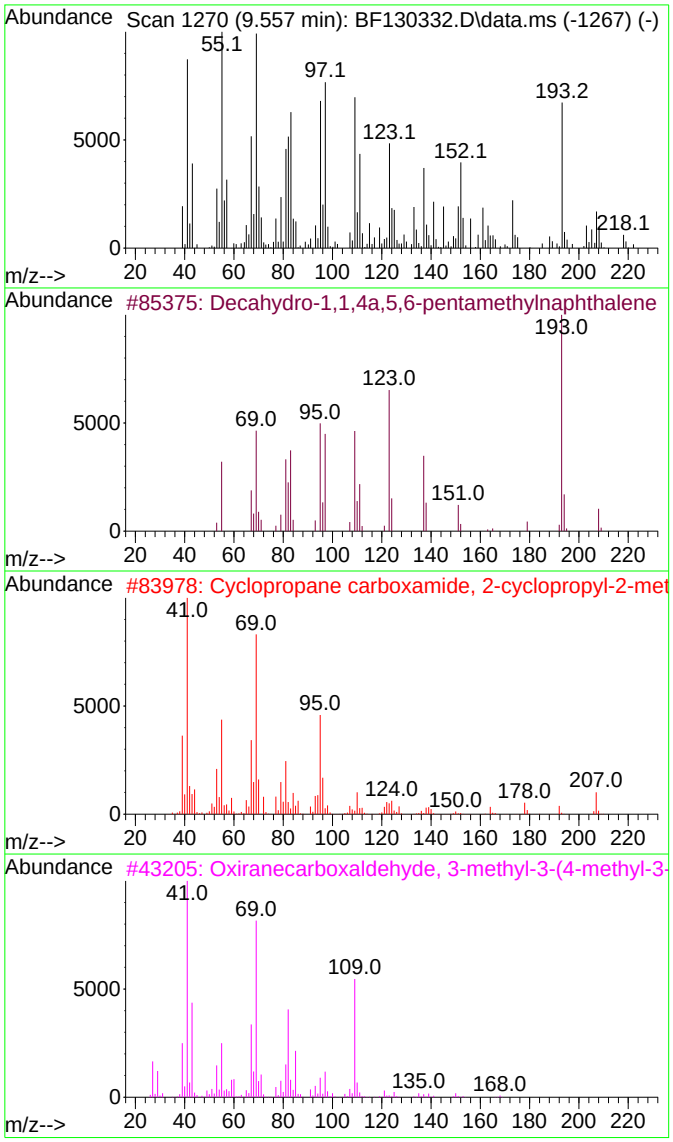
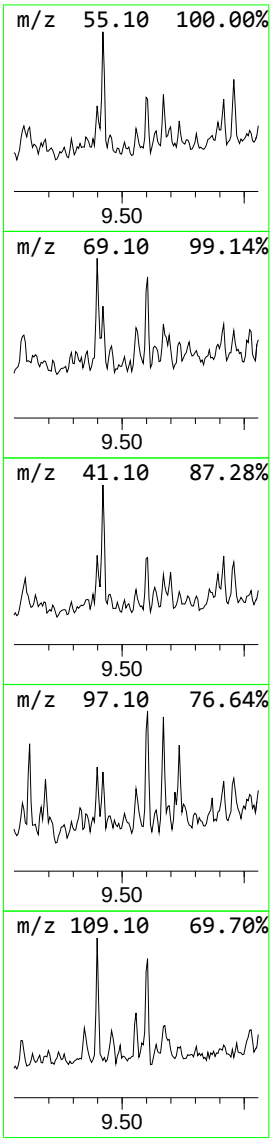
Peak Number 12 unknown9.557 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.557	4.67 ng	220964	Acenaphthene-d10	9.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	35
2	Cyclopropane carboxamide, 2-cycl...	207	C13H21NO	331416-19-4	35
3	Oxiranecarboxaldehyde, 3-methyl-...	168	C10H16O2	016996-12-6	35
4	Hexahydro-1-oxa-cyclopropa[d]ind...	152	C9H12O2	037643-23-5	30
5	Neopentylidenecyclohexane	152	C11H20	039546-80-0	25





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-17-4-5

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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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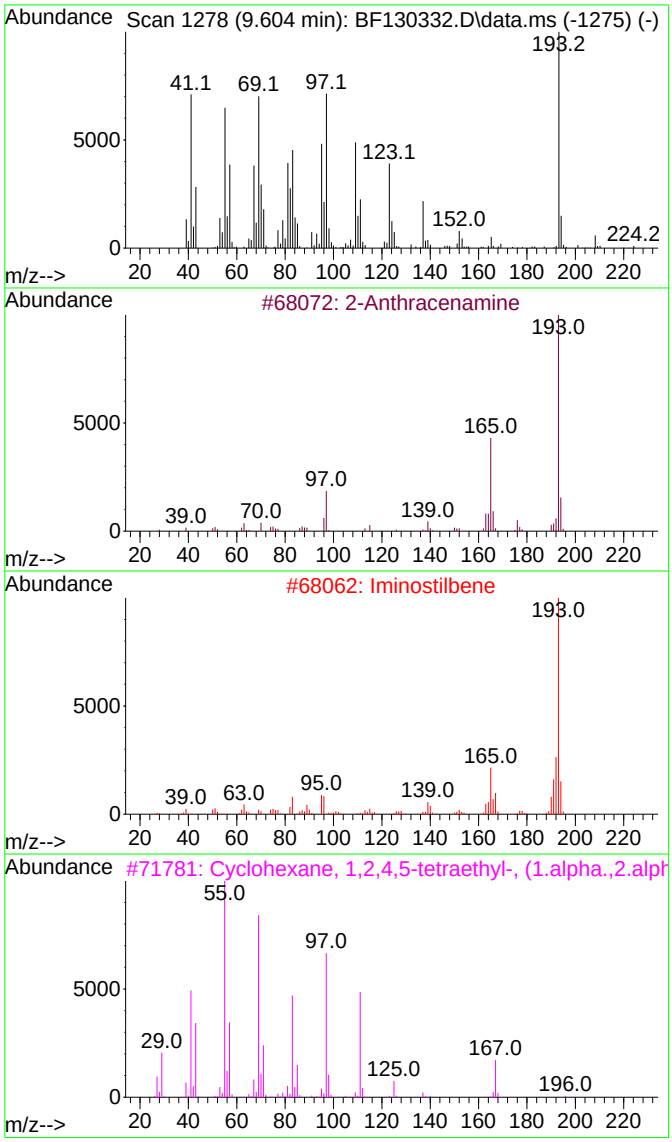
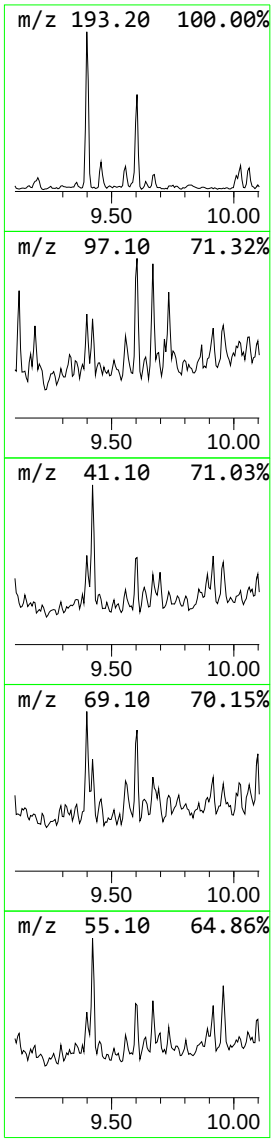
Peak Number 13 unknown9.604 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.604	6.23 ng	294721	Acenaphthene-d10	9.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Anthracenamine	193	C14H11N	000613-13-8	27
2	Iminostilbene	193	C14H11N	000256-96-2	25
3	Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	25
4	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	20
5	(-)-trans-Pinane	138	C10H18	033626-25-4	18





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ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-17-4-5

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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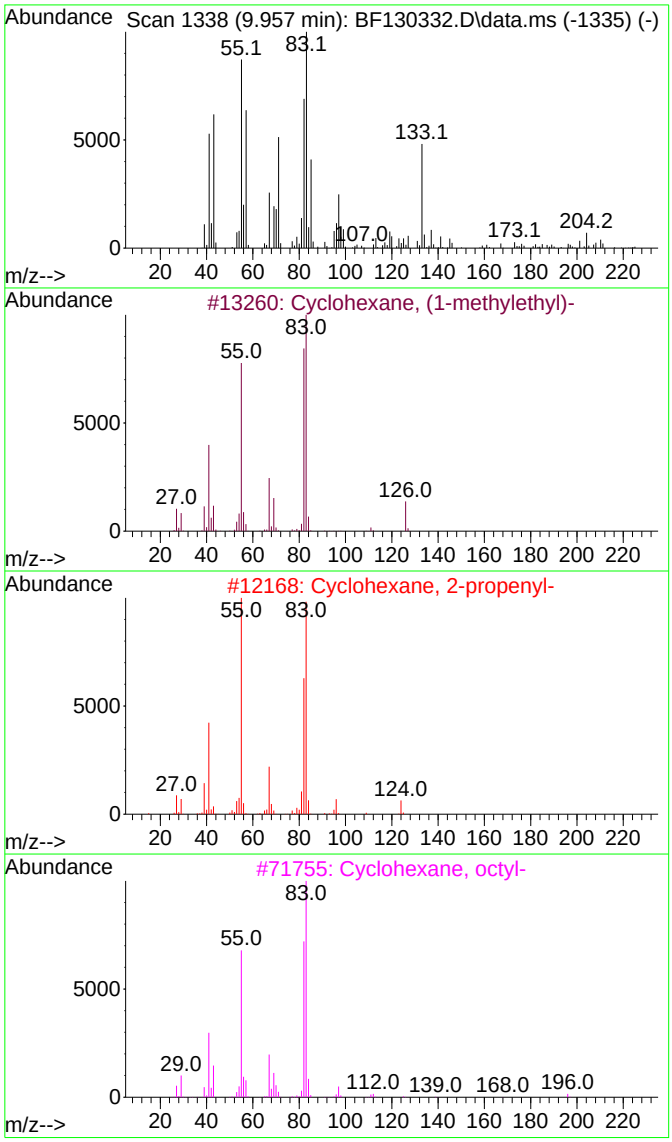
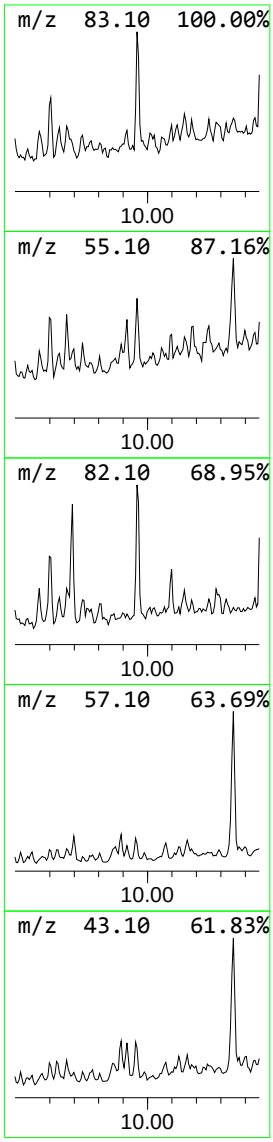
Peak Number 14 Cyclohexane, (1-methylethyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.957	4.78 ng	225988	Acenaphthene-d10	9.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	50
2	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	45
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	43
4	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	38
5	n-Nonylcyclohexane	210	C15H30	002883-02-5	38





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ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-17-4-5

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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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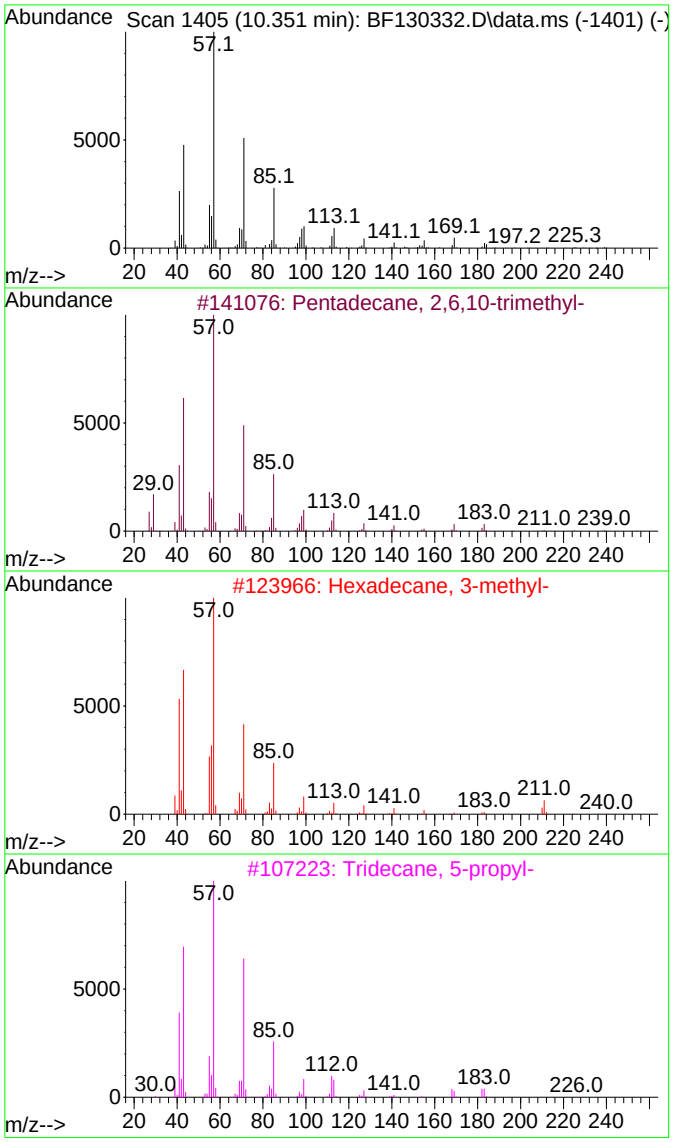
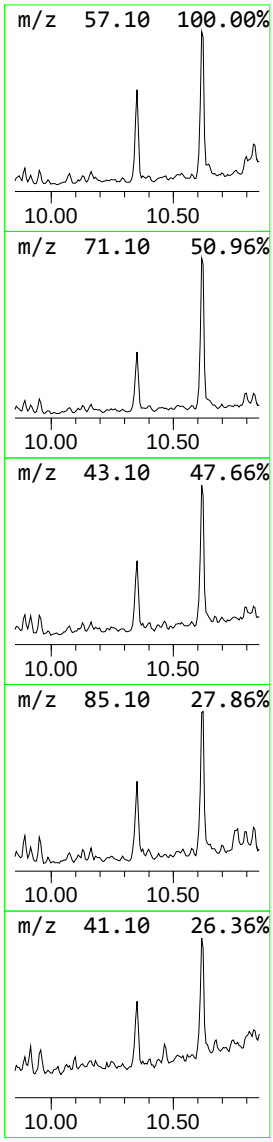
Peak Number 15 Pentadecane, 2,6,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.351	13.60 ng	642903	Acenaphthene-d10	9.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	87
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
4	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	72
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	72





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Sample : N4630-21 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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BNA_F
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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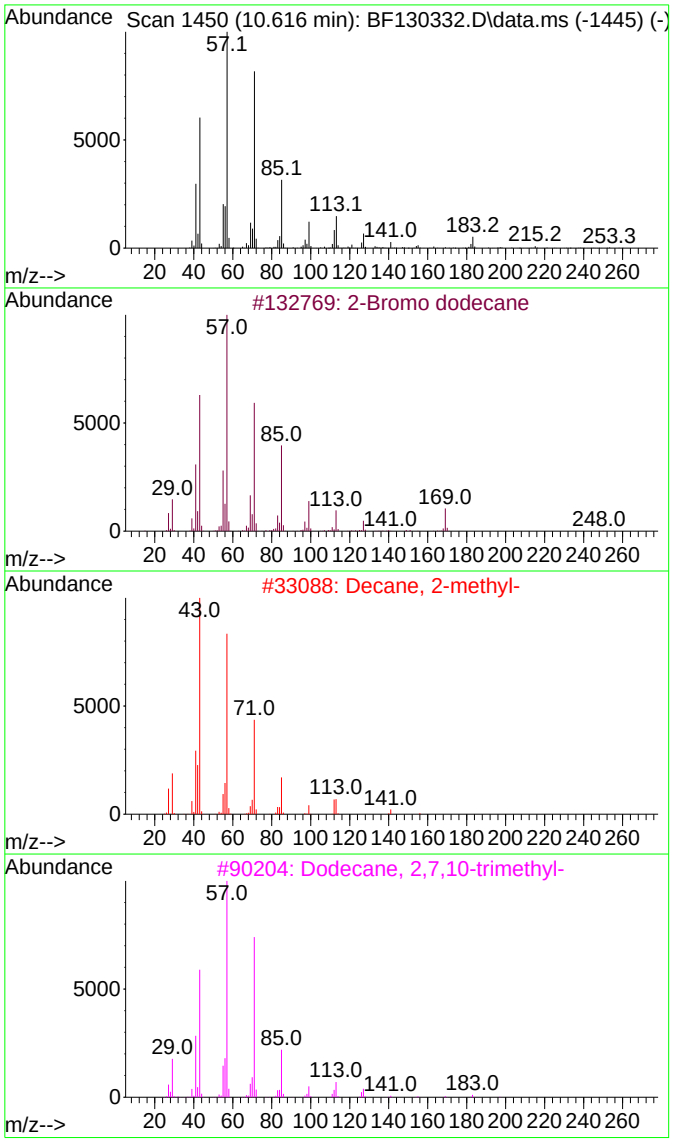
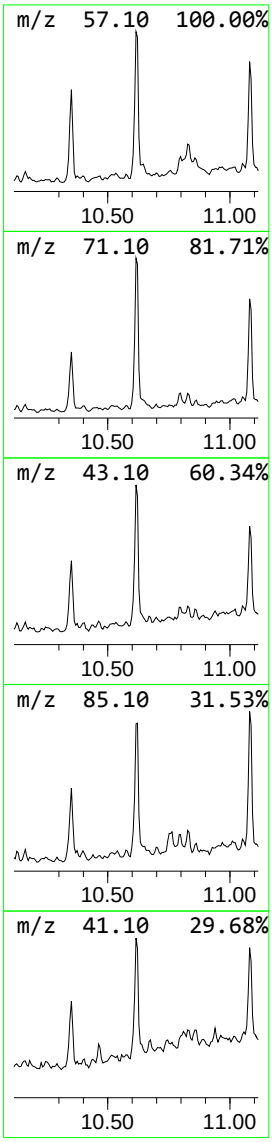
Peak Number 16 2-Bromo dodecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	62.48 ng	1627590	Phenanthrene-d10	11.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	96
2	Decane, 2-methyl-	156	C11H24	006975-98-0	87
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	83





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Data File : BF130332.D
Acq On : 19 Sep 2022 21:30
Operator : CG\JU
Sample : N4630-21 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-17-4-5

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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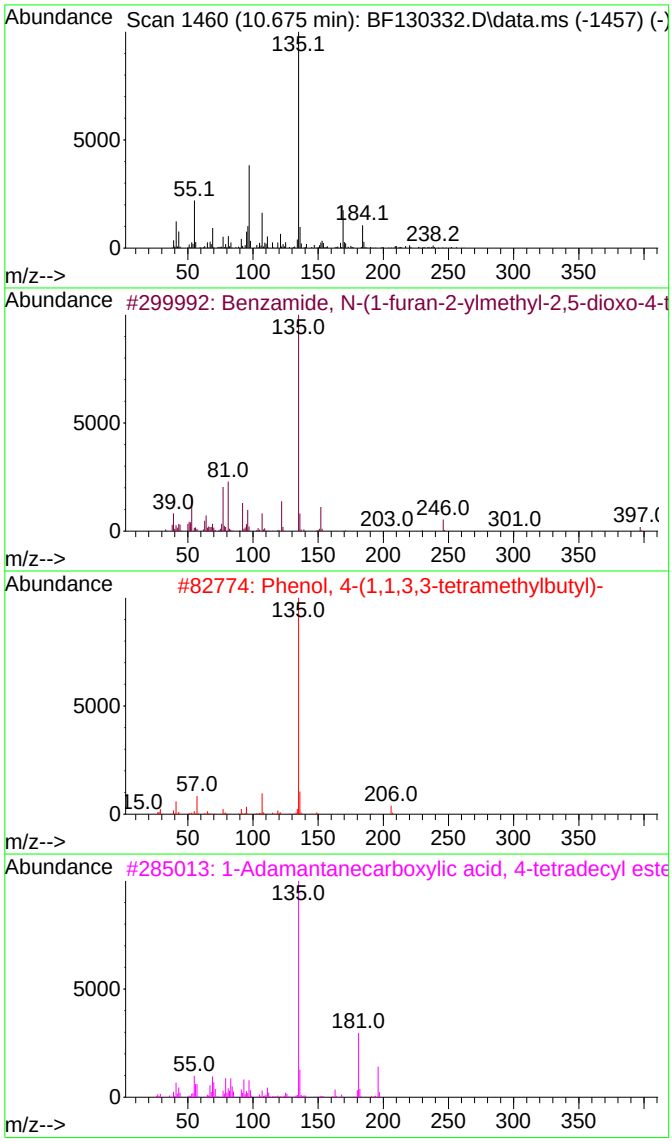
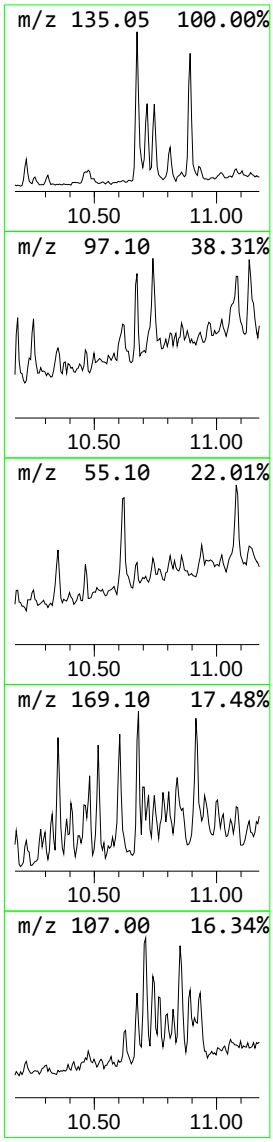
Peak Number 17 unknown10.675 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.675	7.82 ng	203575	Phenanthrene-d10	11.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, N-(1-furan-2-ylmethyl...	397	C17H14F3N3O5	1000302-39-9	47
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	43
3	1-Adamantanecarboxylic acid, 4-t...	376	C25H44O2	1000282-17-0	43
4	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	43
5	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091922\
Data File : BF130332.D
Acq On : 19 Sep 2022 21:30
Operator : CG\JU
Sample : N4630-21 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-17-4-5

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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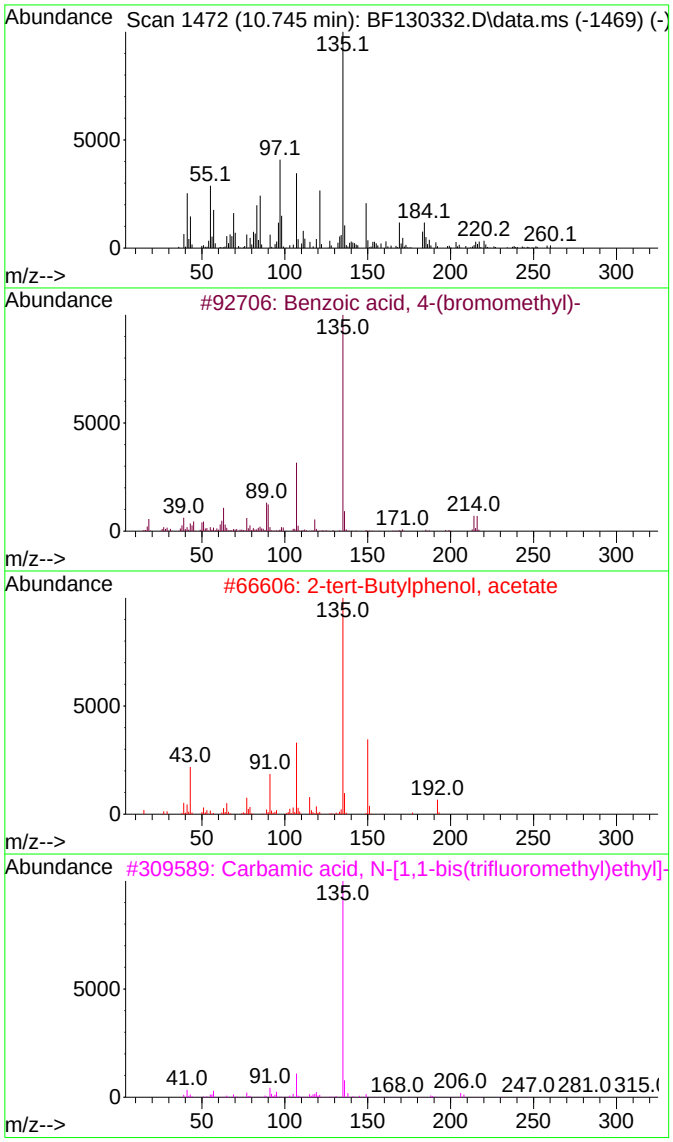
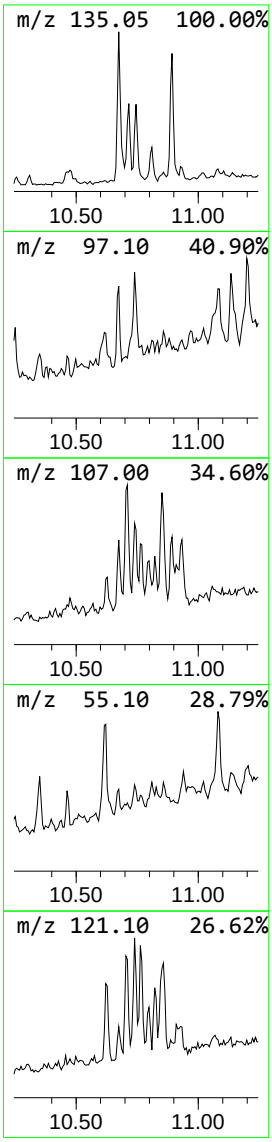
Peak Number 18 unknown10.745 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.745	8.30 ng	216167	Phenanthrene-d10	11.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-(bromomethyl)-	214	C8H7BrO2	006232-88-8	38
2	2-tert-Butylphenol, acetate	192	C12H16O2	003245-25-8	35
3	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	35
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	35
5	Heptafluorobutanoic acid, 1-adam...	362	C15H17F7O2	1000282-96-9	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091922\
Data File : BF130332.D
Acq On : 19 Sep 2022 21:30
Operator : CG\JU
Sample : N4630-21 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-17-4-5

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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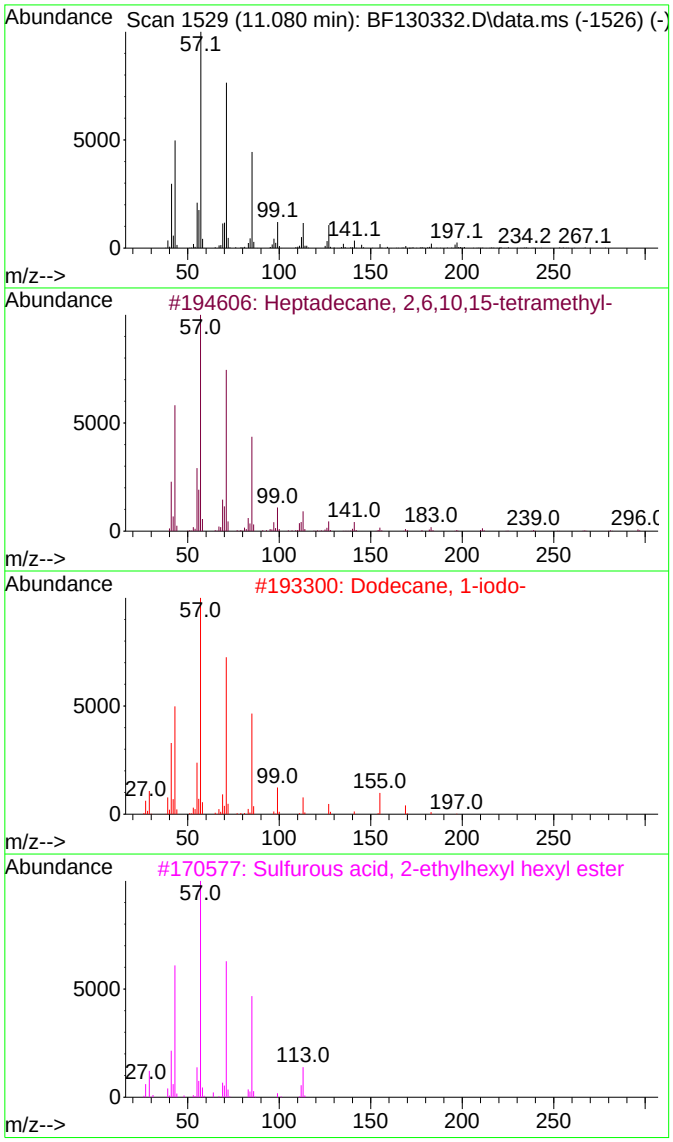
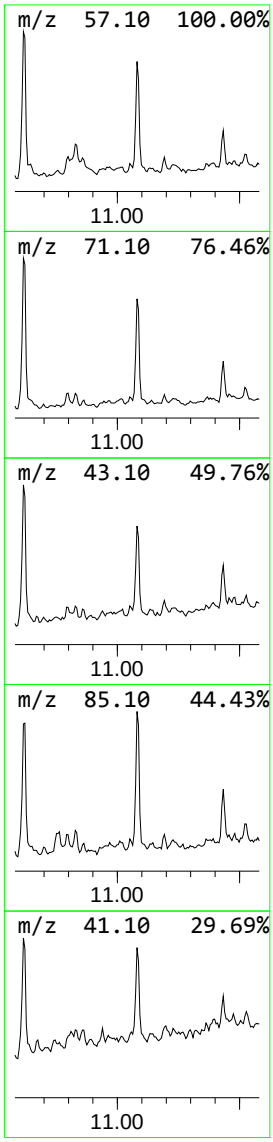
Peak Number 19 Heptadecane, 2,6,10,15-tetr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.081	37.38 ng	973623	Phenanthrene-d10	11.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	78
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091922\
Data File : BF130332.D
Acq On : 19 Sep 2022 21:30
Operator : CG\JU
Sample : N4630-21 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-17-4-5

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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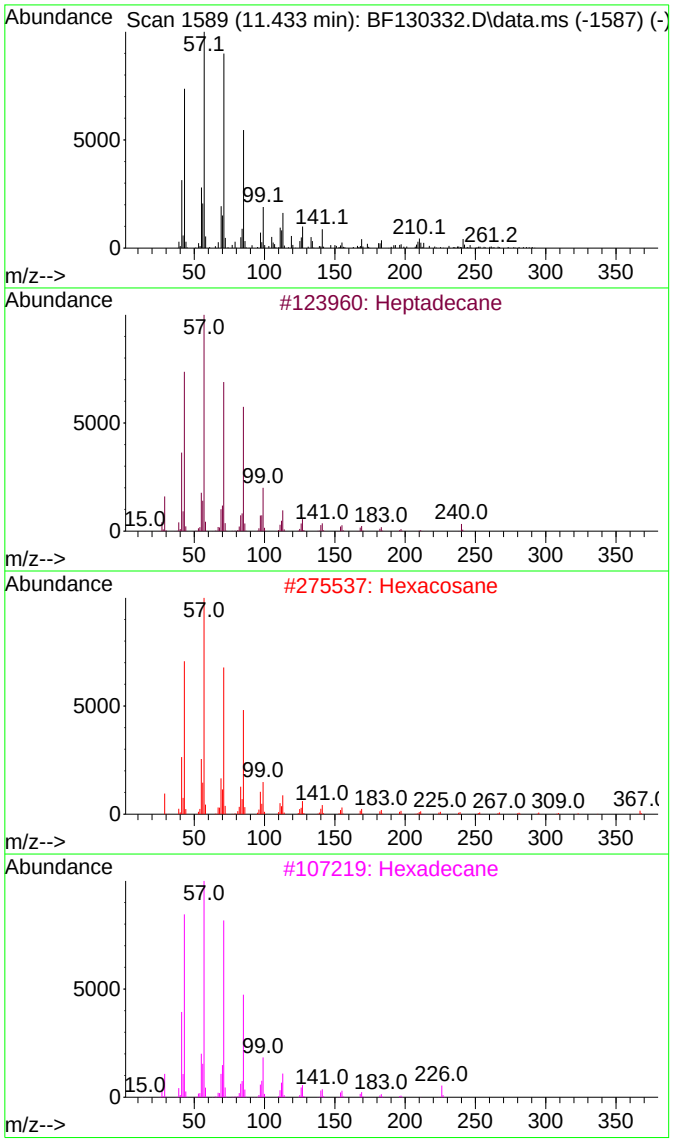
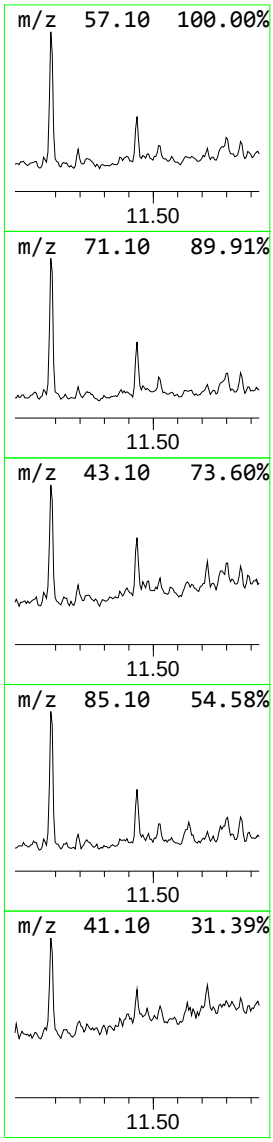
Peak Number 20 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.433	9.77 ng	254419	Phenanthrene-d10	11.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Hexadecane	226	C16H34	000544-76-3	86
4	Eicosane	282	C20H42	000112-95-8	86
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091922\
Data File : BF130332.D
Acq On : 19 Sep 2022 21:30
Operator : CG\JU
Sample : N4630-21 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-17-4-5

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
Nonane, 3-methyl-	5.904	5.6	ng	222241	1	6.663	790439	20.0
Cyclohexane, (2...	6.810	4.8	ng	190123	1	6.663	790439	20.0
Cyclopentane, 1...	6.928	5.0	ng	195559	1	6.663	790439	20.0
Naphthalene, de...	7.051	4.7	ng	187413	1	6.663	790439	20.0
unknown7.304	7.304	5.5	ng	216541	1	6.663	790439	20.0
Cyclohexane, he...	8.239	5.1	ng	236957	2	7.945	936877	20.0
Octane, 2,6-dim...	8.369	11.2	ng	524422	2	7.945	936877	20.0
Heptylcyclohexane	8.851	5.0	ng	238738	3	9.692	945418	20.0
Nonadecane	9.104	7.0	ng	329691	3	9.692	945418	20.0
unknown9.398	9.398	5.8	ng	276083	3	9.692	945418	20.0
3-Ethyl-2,6,10-...	9.422	10.3	ng	488634	3	9.692	945418	20.0
unknown9.557	9.557	4.7	ng	220964	3	9.692	945418	20.0
unknown9.604	9.604	6.2	ng	294721	3	9.692	945418	20.0
Cyclohexane, (1...	9.957	4.8	ng	225988	3	9.692	945418	20.0
Pentadecane, 2,...	10.351	13.6	ng	642903	3	9.692	945418	20.0
2-Bromo dodecane	10.616	62.5	ng	1627590	4	11.175	520980	20.0
unknown10.675	10.675	7.8	ng	203575	4	11.175	520980	20.0
unknown10.745	10.745	8.3	ng	216167	4	11.175	520980	20.0
Heptadecane, 2,...	11.081	37.4	ng	973623	4	11.175	520980	20.0
Heptadecane	11.433	9.8	ng	254419	4	11.175	520980	20.0