LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010923\
Data File : BF131979.D
Acq On : 09 Jan 2023 23:42
Operator : CG\JU
Sample : 01052-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-DRUM

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-BF010923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131979.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.369	379	388	396	rVB2	1130169	1838425	6.23%	0.315%
2	5.245	533	537	541	rBV2	1368820	1911364	6.48%	0.328%
3	5.363	551	557	563	rVB	4357061	5795625	19.64%	0.994%
4	5.622	597	601	608	rVV2	2558960	3091983	10.48%	0.530%
5	5.693	608	613	616	rVB	4227746	4645498	15.74%	0.797%
6	5.934	650	654	659	rVB4	1079868	2027973	6.87%	0.348%
7	6.028	666	670	676	rVB4	3032561	3880253	13.15%	0.665%
8	6.322	716	720	723	rVV	6021502	7598545	25.74%	1.303%
9	6.351	723	725	727	rVV	2120960	1700123	5.76%	0.292%
10	6.398	727	733	737	rVB2	2383643	4419306	14.97%	0.758%
11	6.481	742	747	751	rBV	2855665	3338463	11.31%	0.572%
12	6.575	751	763	765	rBV2	5777069	17327966	58.71%	2.971%
13	6.640	768	774	785	rVB3	10750670	29515390	100.00%	5.061%
14	6.763	785	795	797	rBV	1820416	3300896	11.18%	0.566%
15	6.816	800	804	806	rVV2	2431541	2773102	9.40%	0.475%
16	6.863	809	812	818	rVB2	2542160	3199956	10.84%	0.549%
17	6.951	823	827	830	rBV3	2278788	3215300	10.89%	0.551%
18	6.981	830	832	835	rVB2	1728129	1717258	5.82%	0.294%
19	7.051	837	844	845	rBV4	1708239	2300266	7.79%	0.394%
20	7.081	845	849	852	rVV	4370142	5919043	20.05%	1.015%
21	7.134	852	858	864	rVB3	5976102	10888571	36.89%	1.867%
22	7.198	864	869	873	rBV2	4879858	6604783	22.38%	1.132%
23	7.281	878	883	885	rBV	2309979	3404782	11.54%	0.584%
24	7.304	885	887	889	rVB	2293371	1718741	5.82%	0.295%
25	7.351	889	895	897	rBV2	5269824	6731495	22.81%	1.154%
26	7.381	897	900	902	rVV2	4090585	4928836	16.70%	0.845%
27	7.428	902	908	909	rVV	7854935	11490683	38.93%	1.970%
28	7.463	909	914	917	rVV3	2701624	4240543	14.37%	0.727%
29	7.498	917	920	922	rVV	1622146	1884416	6.38%	0.323%
30	7.528	922	925	928	rVV2	1766590	2186701	7.41%	0.375%
31	7.587	933	935	937	rVV2	2791224	2966039	10.05%	0.509%
32	7.616	937	940	944	rVB2	4676351	4545860	15.40%	0.779%
33	7.698	950	954	956	rBV3	2097561	2900958	9.83%	0.497%
34	7.751	956	963	965	rVV6	2849542	5735129	19.43%	0.983%
35	7.822	972	975	976	rBV2	3780593	3798106	12.87%	0.651%
36	7.845	976	979	982	rVV4	6408300	9055938	30.68%	1.553%

LSC Area Percent Report

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Data File : BF131979.D
Acq On : 09 Jan 2023 23:42
Operator : CG\JU
Sample : 01052-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UST-DRUM

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-BF010923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.875	982	984	986	rVV	2865372	2103341	7.13%	0.361%
38	7.922	989	992	994	rVV2	2837624	3142676	10.65%	0.539%
39	7.945	994	996	998	rVB	3146965	2355006	7.98%	0.404%
40	7.969	998	1000	1003	rVB	1922254	1794686	6.08%	0.308%
41	8.098	1009	1022	1025	rBV4	10401576	25391630	86.03%	4.354%
42	8.128	1025	1027	1030	rVV2	4280076	5762451	19.52%	0.988%
43	8.157	1030	1032	1033	rVV	3187839	2930915	9.93%	0.503%
44	8.198	1036	1039	1042	rVB	2404095	2350906	7.97%	0.403%
45	8.263	1046	1050	1051	rBV3	1459345	1812853	6.14%	0.311%
46	8.304	1055	1057	1060	rVB2	2421745	2624528	8.89%	0.450%
47	8.351	1060	1065	1068	rBV2	4428260	5589541	18.94%	0.958%
48	8.386	1068	1071	1076	rBV4	3764517	6591768	22.33%	1.130%
49	8.457	1080	1083	1085	rBV3	2527506	2557467	8.66%	0.439%
50	8.492	1085	1089	1091	rBV3	4643567	4567296	15.47%	0.783%
51	8.539	1091	1097	1098	rBV2	4555928	4981440	16.88%	0.854%
52	8.622	1106	1111	1113	rBV	5992249	6788029	23.00%	1.164%
53	8.728	1122	1129	1131	rBV2	8527603	14075218	47.69%	2.413%
54	8.845	1143	1149	1151	rVB2	5857253	9832773	33.31%	1.686%
55	8.945	1159	1166	1170	rBV3	7653611	11963467	40.53%	2.051%
56	9.063	1183	1186	1191	rBV4	2344581	4175453	14.15%	0.716%
57	9.139	1195	1199	1204	rVB3	4662806	6620206	22.43%	1.135%
58	9.298	1217	1226	1228	rBV2	8270039	16597940	56.23%	2.846%
59	9.398	1240	1243	1248	rVB2	3286358	4294436	14.55%	0.736%
60	9.475	1250	1256	1259	rVV2	5226271	9037287	30.62%	1.550%
61	9.551	1259	1269	1272	rVV4	6296449	17009845	57.63%	2.917%
62	9.586	1272	1275	1276	rVV2	6568676	7947078	26.93%	1.363%
63	9.622	1279	1281	1285	rVV3	3426597	4340456	14.71%	0.744%
64	9.657	1285	1287	1296	rVB5	4904950	10225662	34.65%	1.753%
65	9.745	1299	1302	1305	rVB2	3320168	2861826	9.70%	0.491%
66	9.828	1310	1316	1318	rVB	7670894	13304348	45.08%	2.281%
67	9.863	1318	1322	1326	rVB6	3600769	5990429	20.30%	1.027%
68	9.916	1326	1331	1334	rBV3	2055024	3706742	12.56%	0.636%
69	9.986	1340	1343	1348	rVB2	3162802	4974991	16.86%	0.853%
70	10.033	1348	1351	1355	rBV4	2490109	4077631	13.82%	0.699%
71	10.069	1355	1357	1358	rVV	2695290	2418723	8.19%	0.415%
72	10.092	1359	1361	1364	rVV2	4434884	4101621	13.90%	0.703%
73	10.133	1364	1368	1371	rVV2	6312942	6673877	22.61%	1.144%
74	10.163	1371	1373	1376	rVB2	2453996	2247725	7.62%	0.385%
75	10.204	1376	1380	1382	rBV2	3961541	5148049	17.44%	0.883%
76	10.233	1382	1385	1391	rVB3	3511394	4524728	15.33%	0.776%

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Operator : CG\JU
Sample : 01052-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UST-DRUM

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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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	10.328	1391	1401	1403	rBV2	8000068	18579439	62.95%	3.186%
78	10.428	1414	1418	1421	rBV4	2579651	4198038	14.22%	0.720%
79	10.504	1428	1431	1432	rBV2	1689963	1907582	6.46%	0.327%
80	10.527	1432	1435	1441	rVB2	4787683	8954736	30.34%	1.535%
81	10.580	1441	1444	1446	rBV4	2844482	2821636	9.56%	0.484%
82	10.604	1446	1448	1452	rVV3	1533244	2088383	7.08%	0.358%
83	10.645	1452	1455	1458	rVB3	2917455	2745825	9.30%	0.471%
84	10.804	1474	1482	1488	rVB3	8111803	18786291	63.65%	3.221%
85	10.975	1508	1511	1514	rBV4	2266229	3072992	10.41%	0.527%
86	11.098	1529	1532	1534	rBV3	2041120	2432047	8.24%	0.417%
87	11.245	1551	1557	1559	rBV	6608085	10749986	36.42%	1.843%
88	11.269	1559	1561	1566	rVB2	5796803	5747534	19.47%	0.986%
89	11.404	1581	1584	1589	rVB2	2605971	3010792	10.20%	0.516%
90	11.492	1597	1599	1604	rVB4	1739934	1814404	6.15%	0.311%
91	11.604	1615	1618	1623	rBV4	1803894	2371547	8.03%	0.407%
92	11.669	1623	1629	1631	rVB	6283010	8603097	29.15%	1.475%
93	11.704	1631	1635	1641	rBV5	1477215	2607508	8.83%	0.447%
94	11.880	1662	1665	1667	rBV2	2122629	2035418	6.90%	0.349%
95	11.910	1667	1670	1673	rVB	3778721	3723992	12.62%	0.639%
96	12.069	1692	1697	1699	rBV	6591128	7715675	26.14%	1.323%
97	12.451	1755	1762	1766	rVV2	5968455	9493381	32.16%	1.628%
98	12.816	1820	1824	1830	rVB2	4656965	5066140	17.16%	0.869%
99	12.945	1843	1846	1849	rBV	1979710	1888892	6.40%	0.324%
100	13.163	1879	1883	1886	rBV	2768400	2698442	9.14%	0.463%

Sum of corrected areas: 583207137

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010923\
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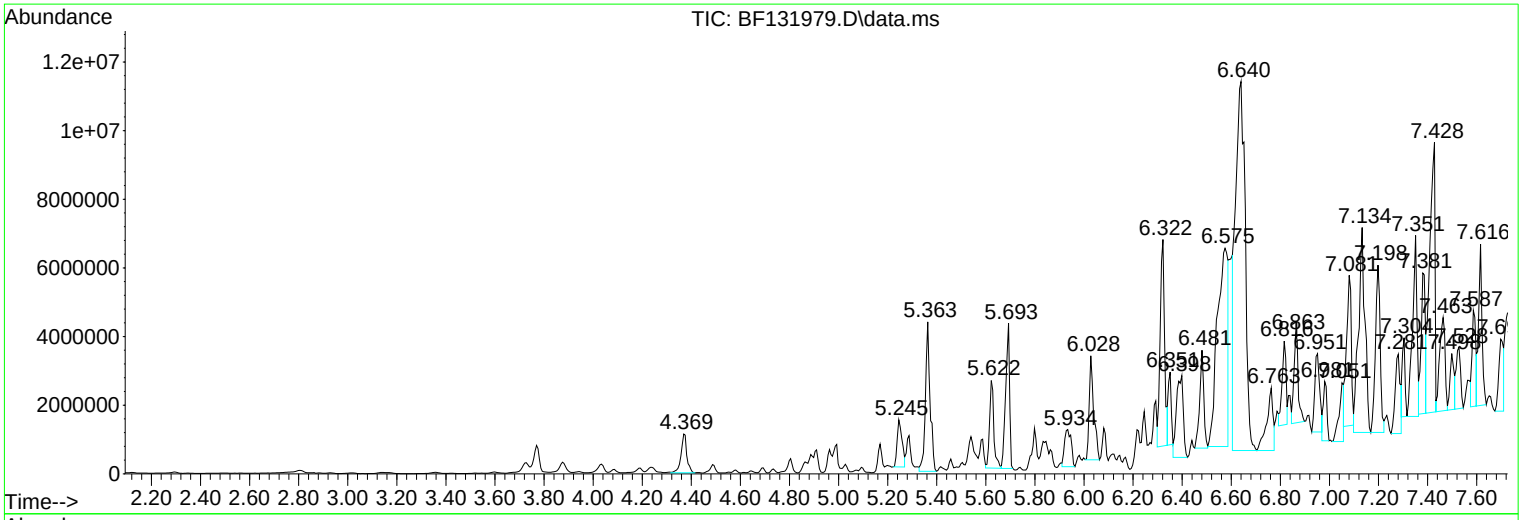
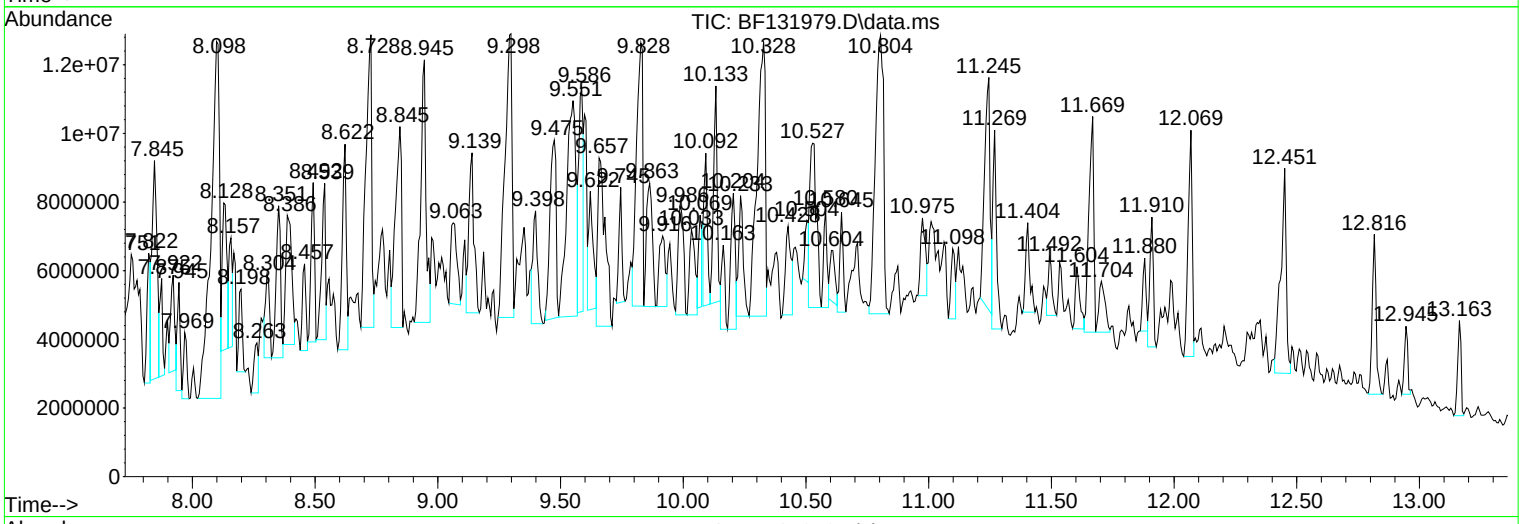
Sample : 01052-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

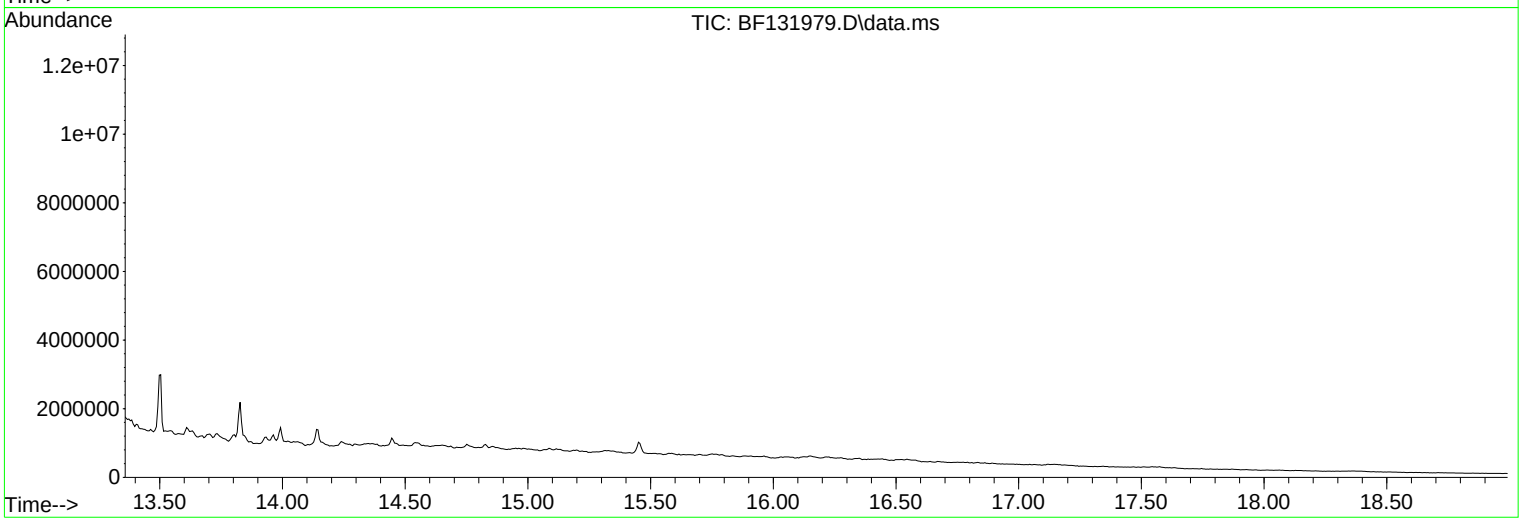
Instrument :
BNA_F
ClientSampleId :
UST-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.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\BF010923\
Data File : BF131979.D
Acq On : 09 Jan 2023 23:42
Operator : CG\JU
Sample : 01052-01
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UST-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

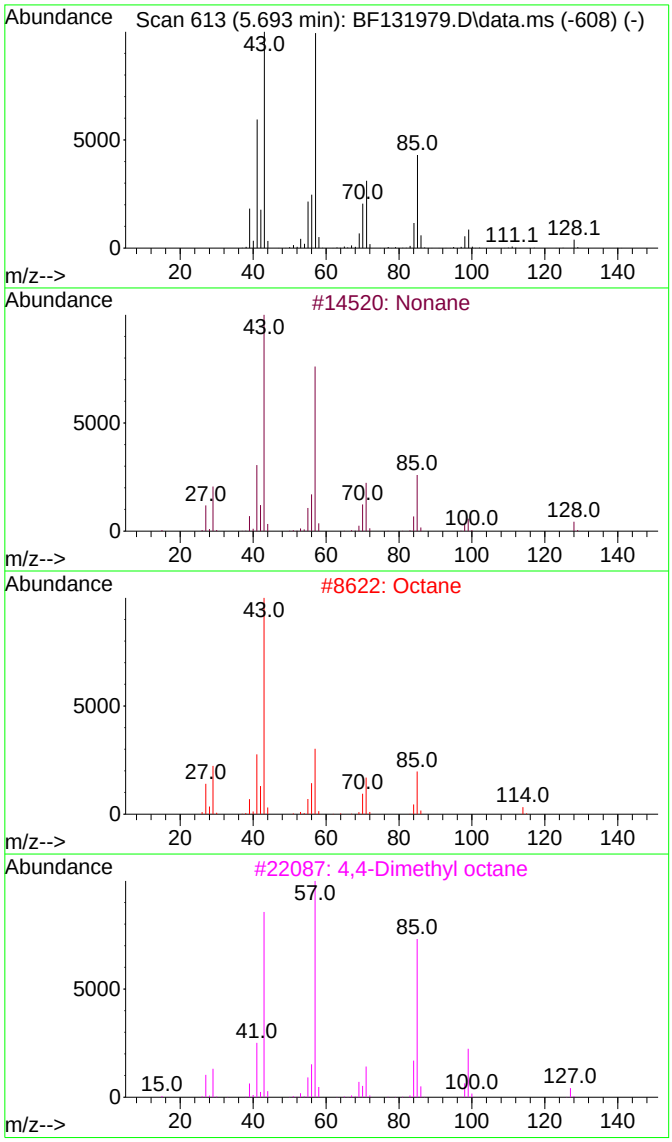
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

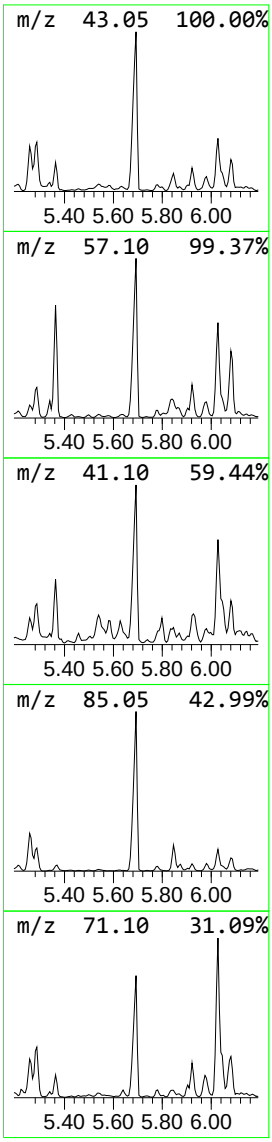
****

Peak Number 2 Nonane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.693	33.50 ng	4645500	1,4-Dichlorobenzene-d4	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	91
2	Octane	114	C8H18	000111-65-9	64
3	4,4-Dimethyl octane	142	C10H22	015869-95-1	53
4	Ether, heptyl hexyl	200	C13H28O	007289-40-9	50
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010923\
Data File : BF131979.D
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UST-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.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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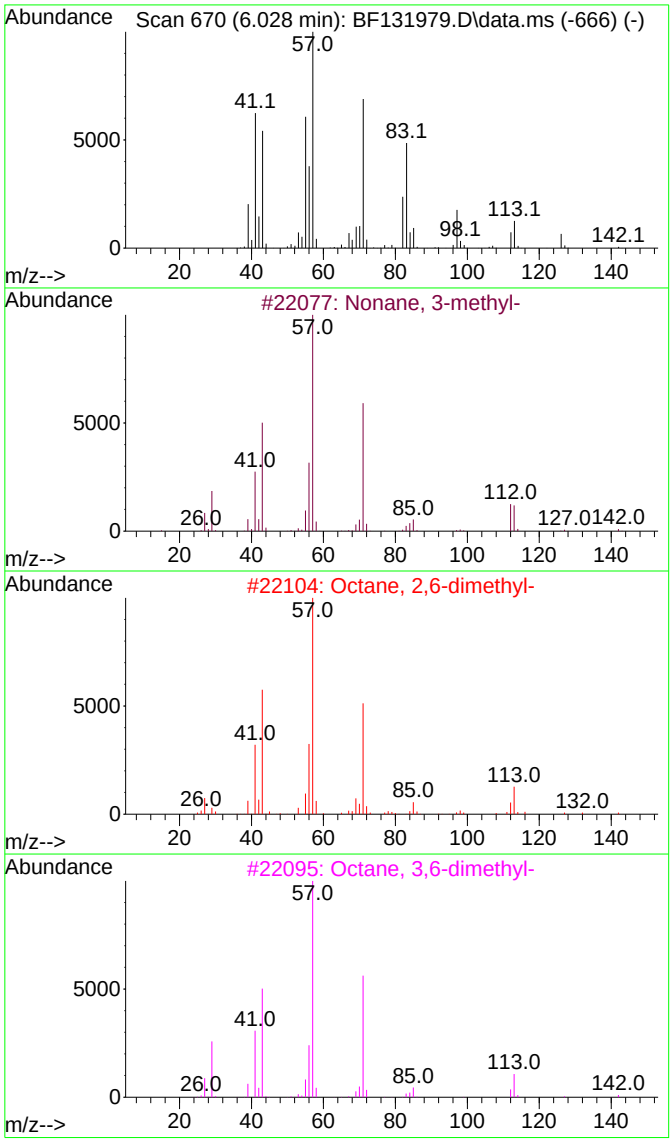
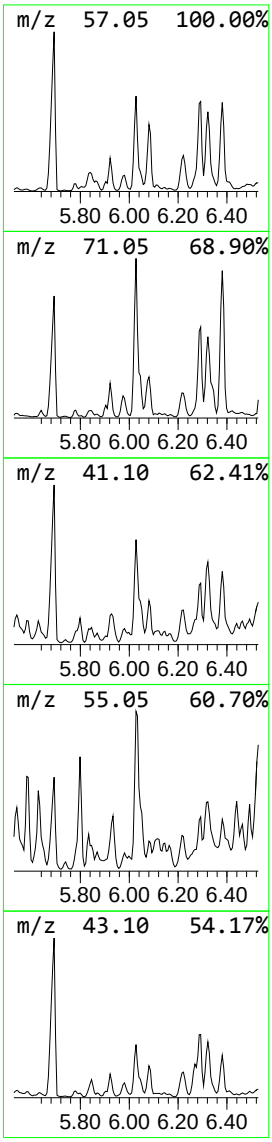
Peak Number 3 Nonane, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.028	27.98 ng	3880250	1,4-Dichlorobenzene-d4	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	55
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	46
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	43
4	3-Bromooctane	192	C8H17Br	000999-64-4	38
5	Hexanal, 3,5,5-trimethyl-	142	C9H18O	005435-64-3	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010923\
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Sample : 01052-01
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UST-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.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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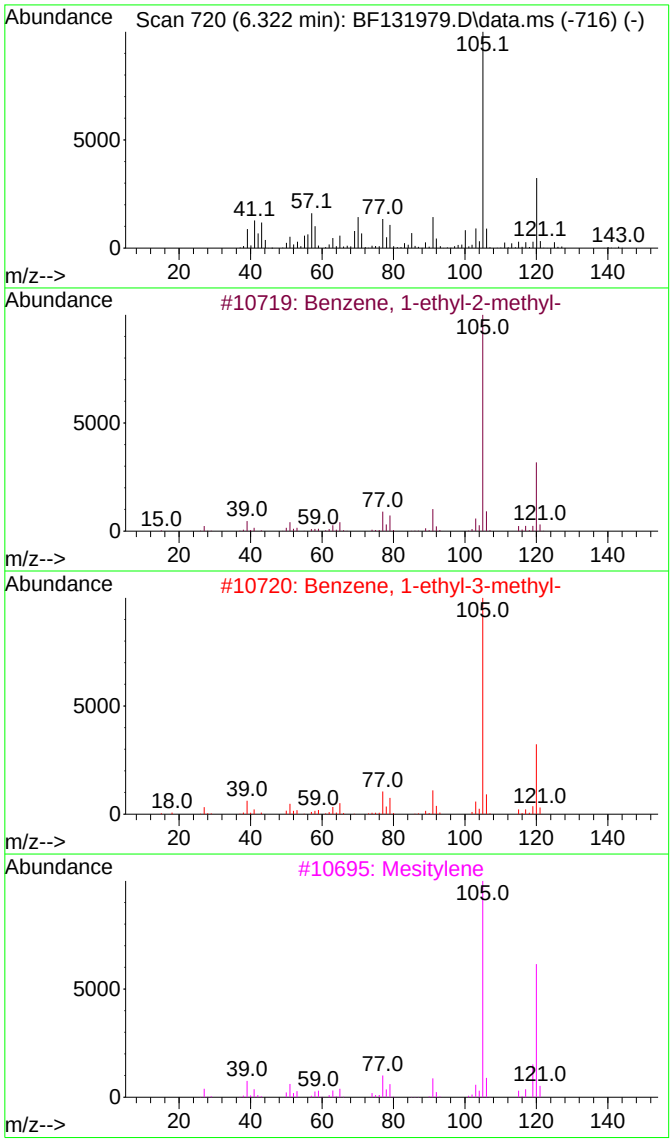
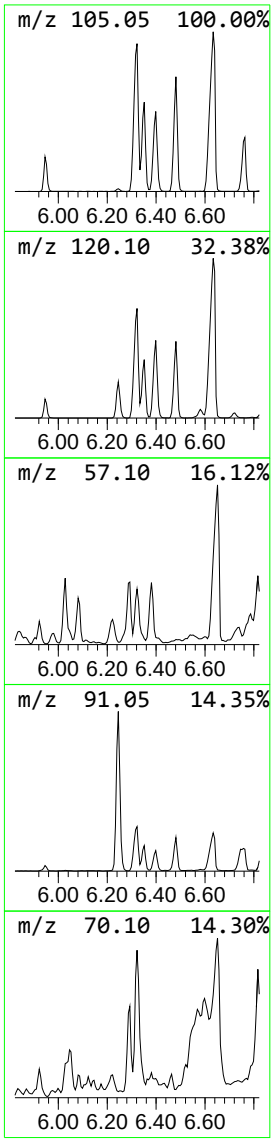
Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.322	54.80 ng	7598550	1,4-Dichlorobenzene-d4	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
3	Mesitylene	120	C9H12	000108-67-8	90
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010923\
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Sample : 01052-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UST-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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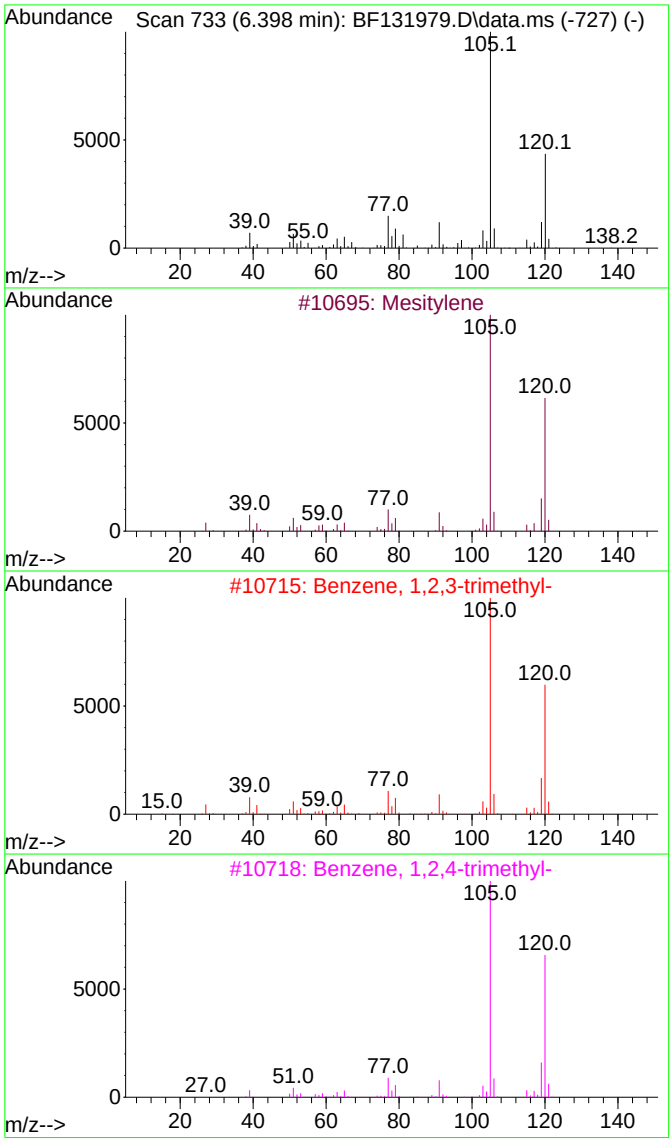
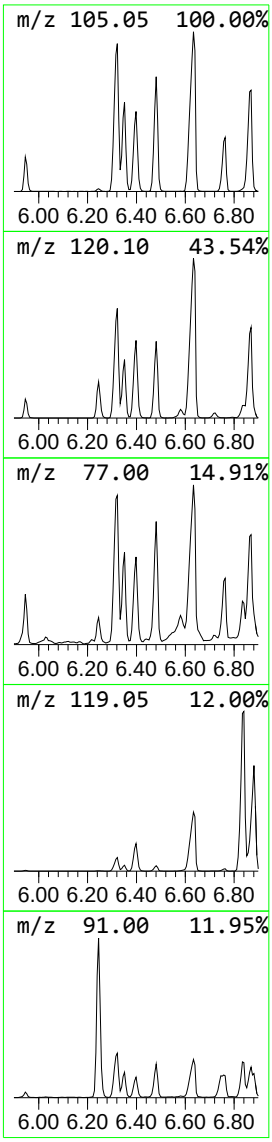
Peak Number 5 Mesitylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.398	31.87 ng	4419310	1,4-Dichlorobenzene-d4	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010923\
Data File : BF131979.D
Acq On : 09 Jan 2023 23:42
Operator : CG\JU
Sample : 01052-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.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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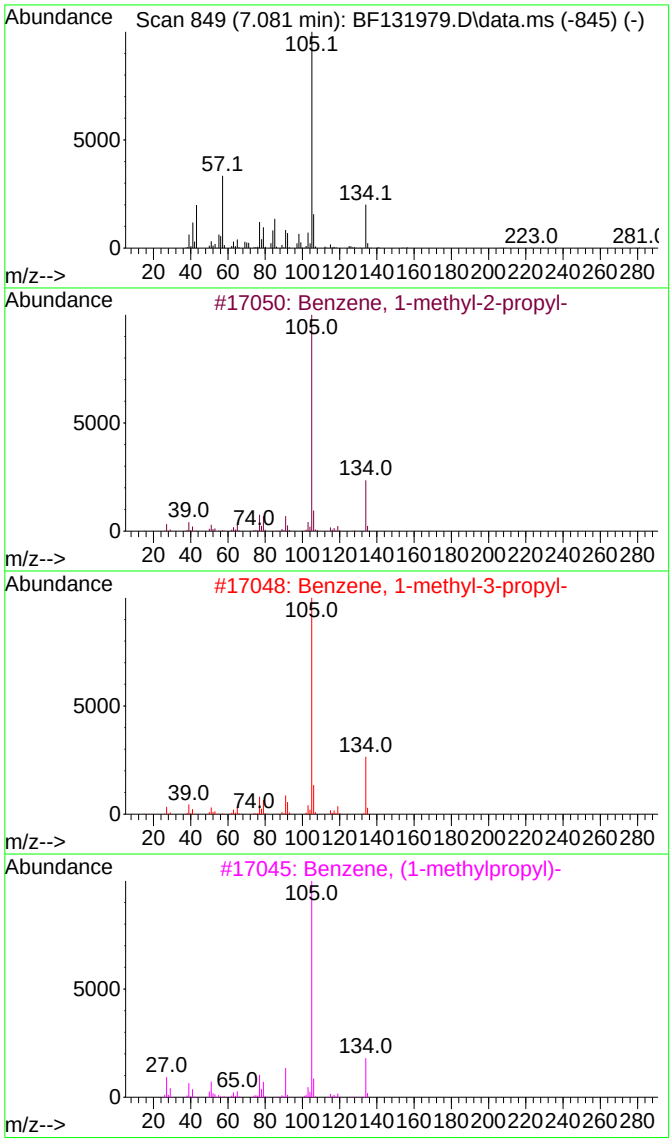
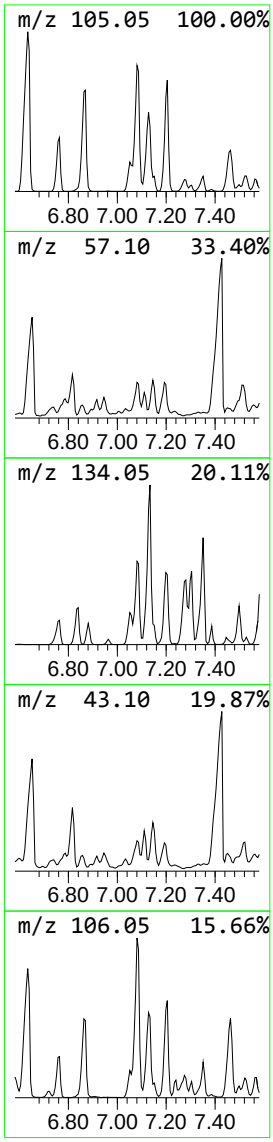
Peak Number 6 Benzene, 1-methyl-2-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.081	42.69 ng	5919040	1,4-Dichlorobenzene-d4	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	76
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	64
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	64
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	59
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	58





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Sample : 01052-01
Misc :
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ClientSampleId :
UST-DRUM

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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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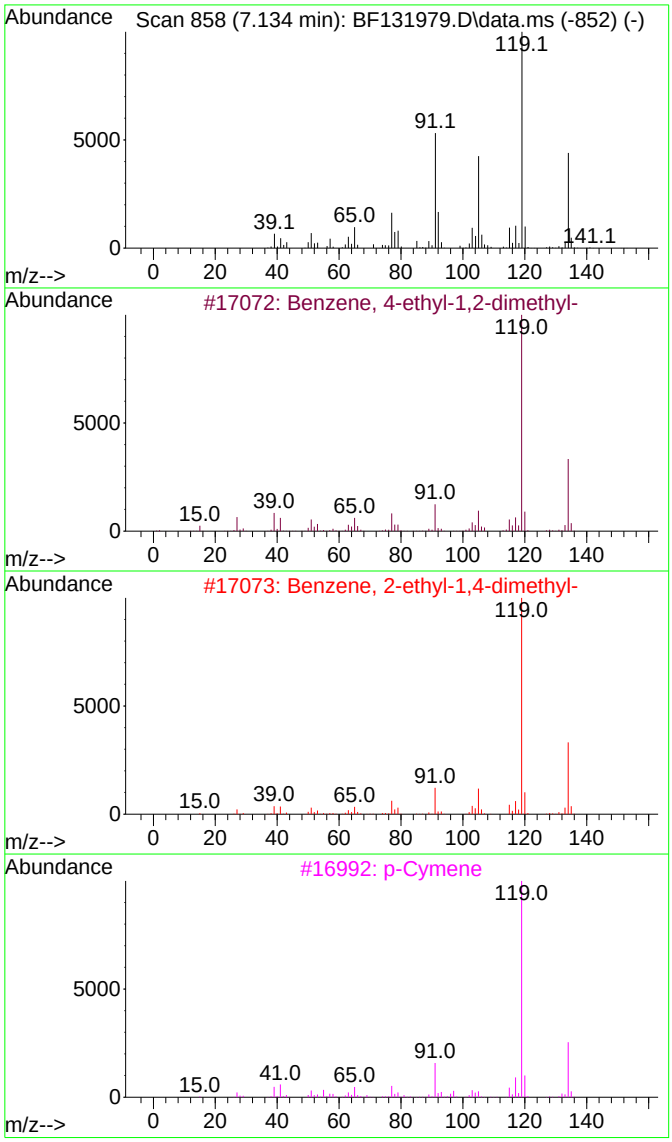
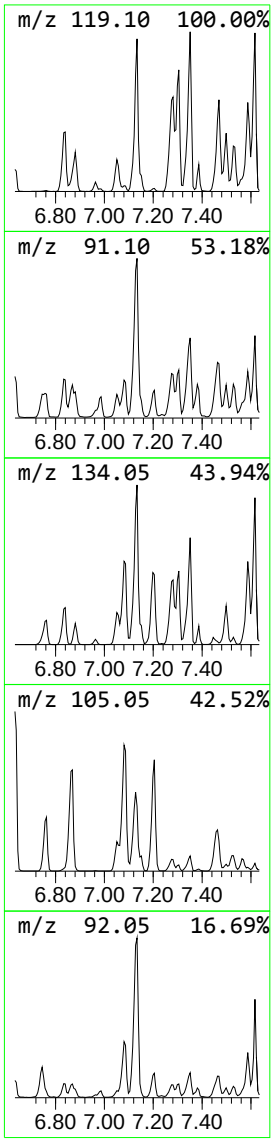
Peak Number 7 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.134	78.53 ng	10888600	1,4-Dichlorobenzene-d4	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	p-Cymene	134	C10H14	000099-87-6	93
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91





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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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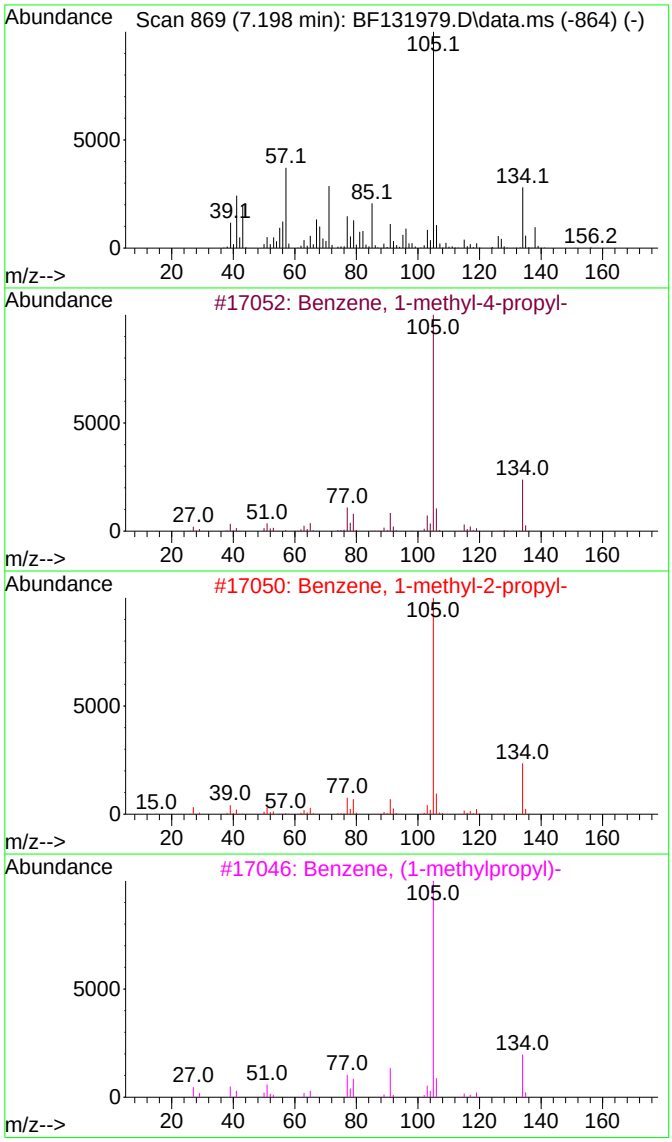
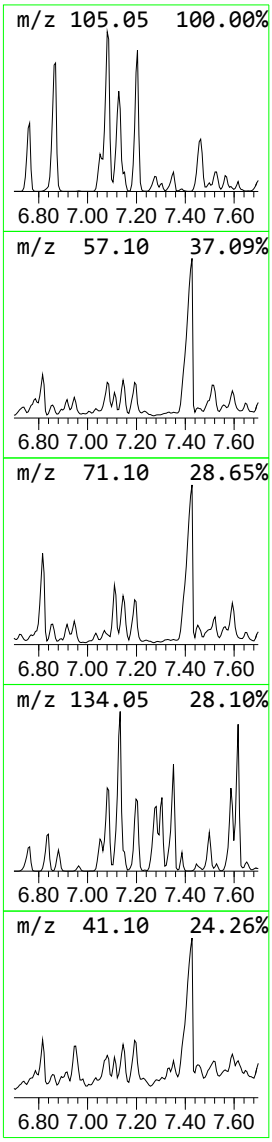
Peak Number 8 Benzene, 1-methyl-4-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.198	47.63 ng	6604780	1,4-Dichlorobenzene-d4	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	64
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	50
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	46
4	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	45
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	41





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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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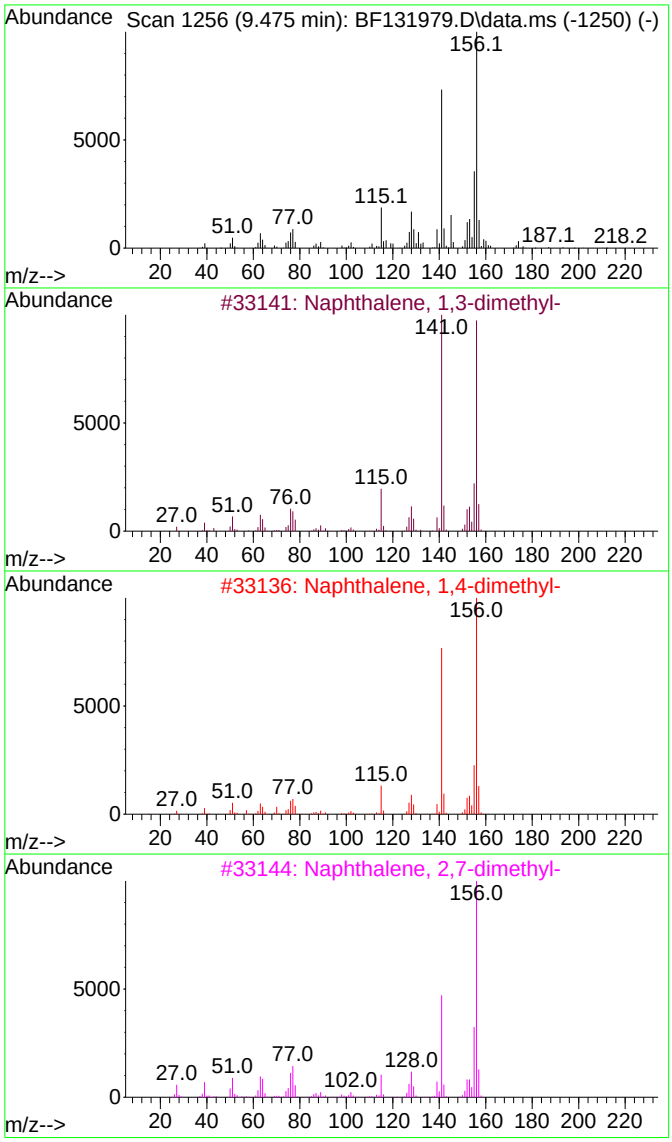
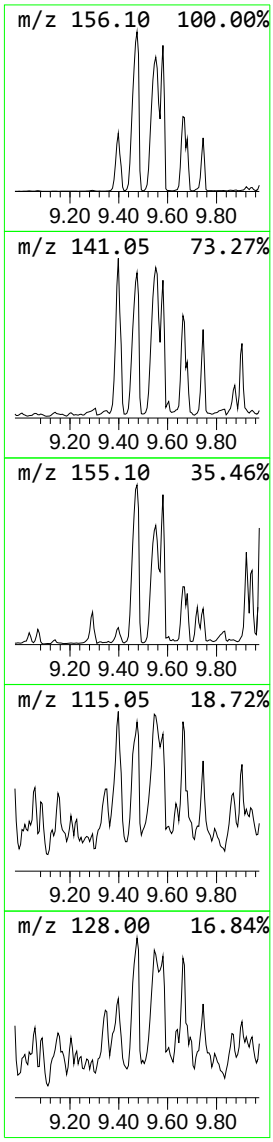
Peak Number 9 Naphthalene, 1,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.475	30.17 ng	9037290	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





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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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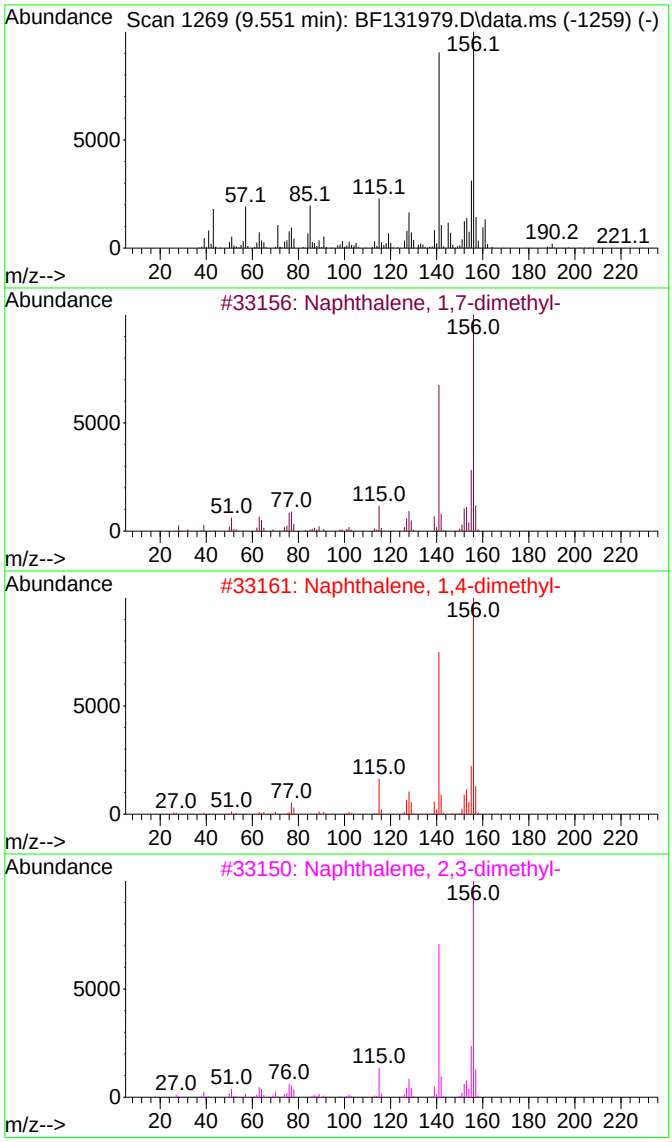
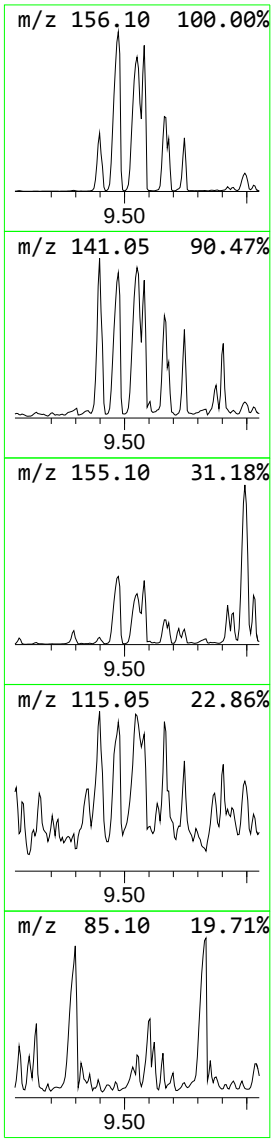
Peak Number 10 Naphthalene, 1,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.551	56.79 ng	17009800	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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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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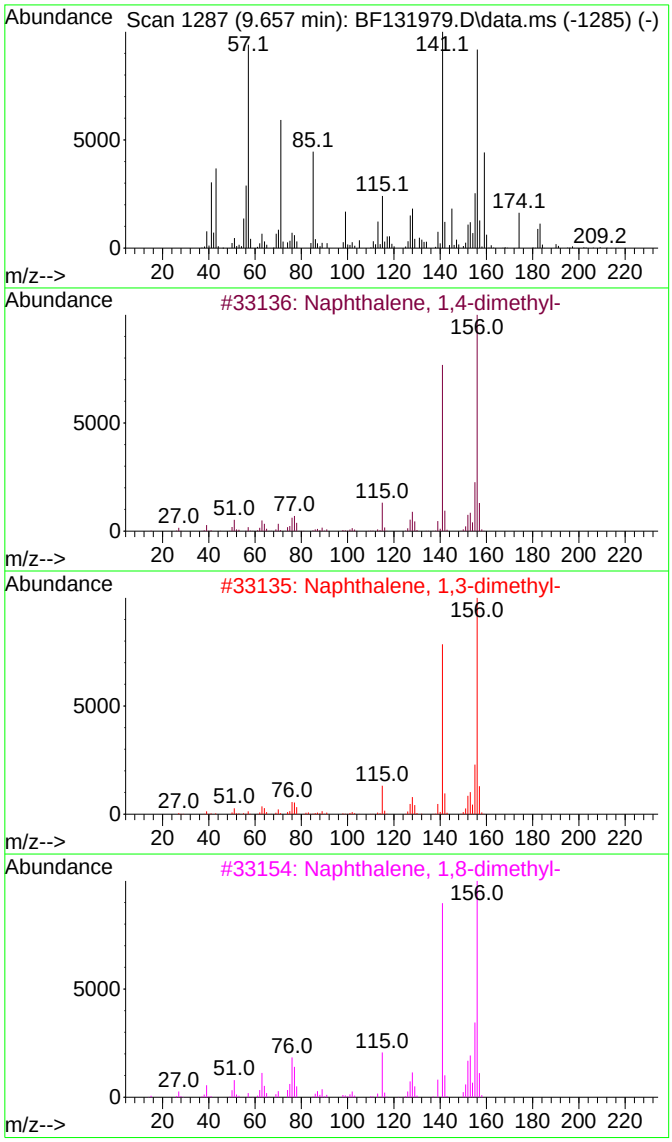
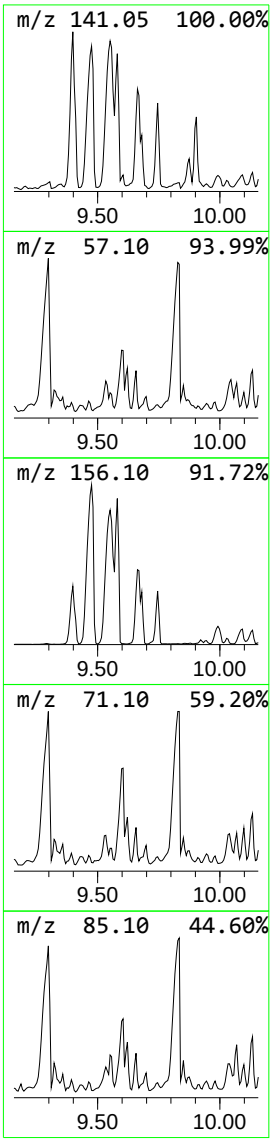
Peak Number 11 Naphthalene, 1,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.657	34.14 ng	10225700	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	90
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	87
3	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	87
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	80
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	70





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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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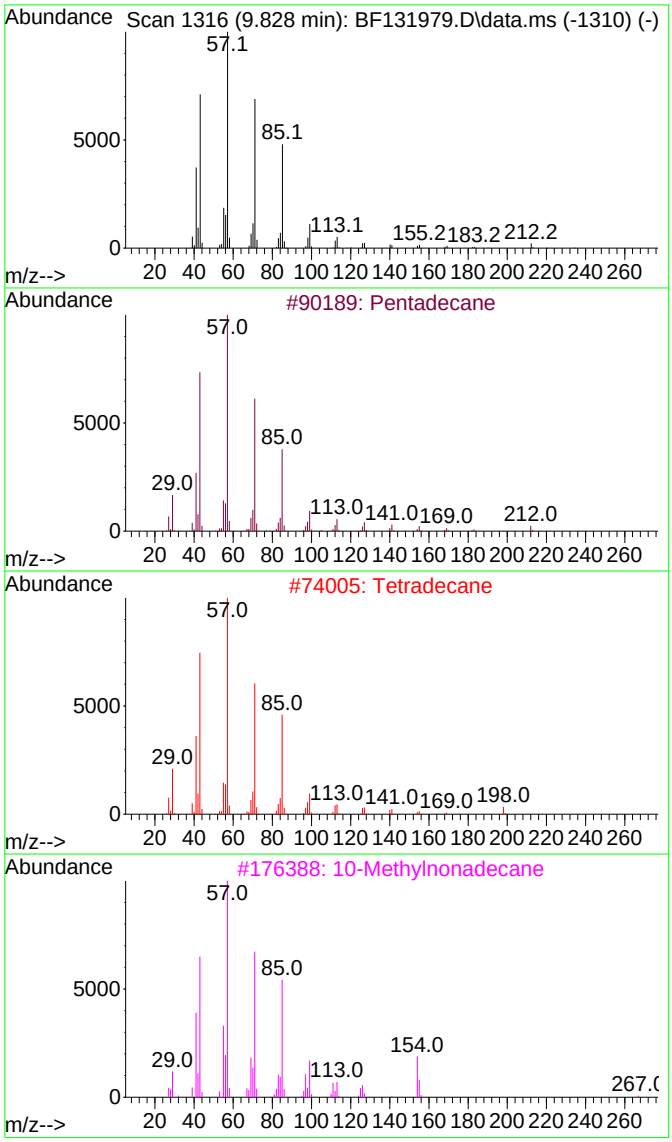
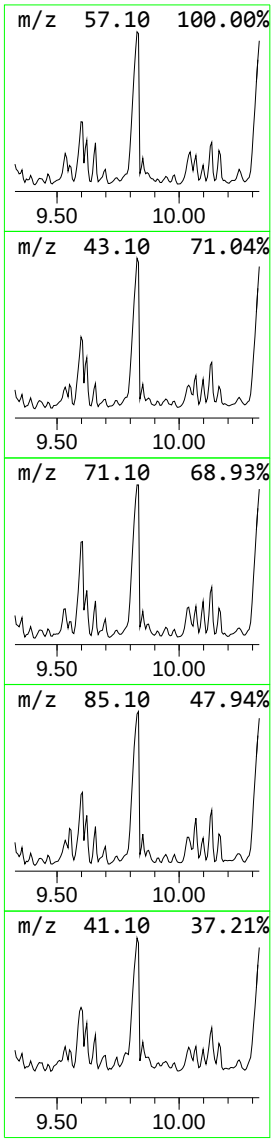
Peak Number 12 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.828	44.42 ng	13304300	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Tetradecane	198	C14H30	000629-59-4	86
3	10-Methylnonadecane	282	C20H42	056862-62-5	83
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64
5	Hexadecane	226	C16H34	000544-76-3	64





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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
UST-DRUM

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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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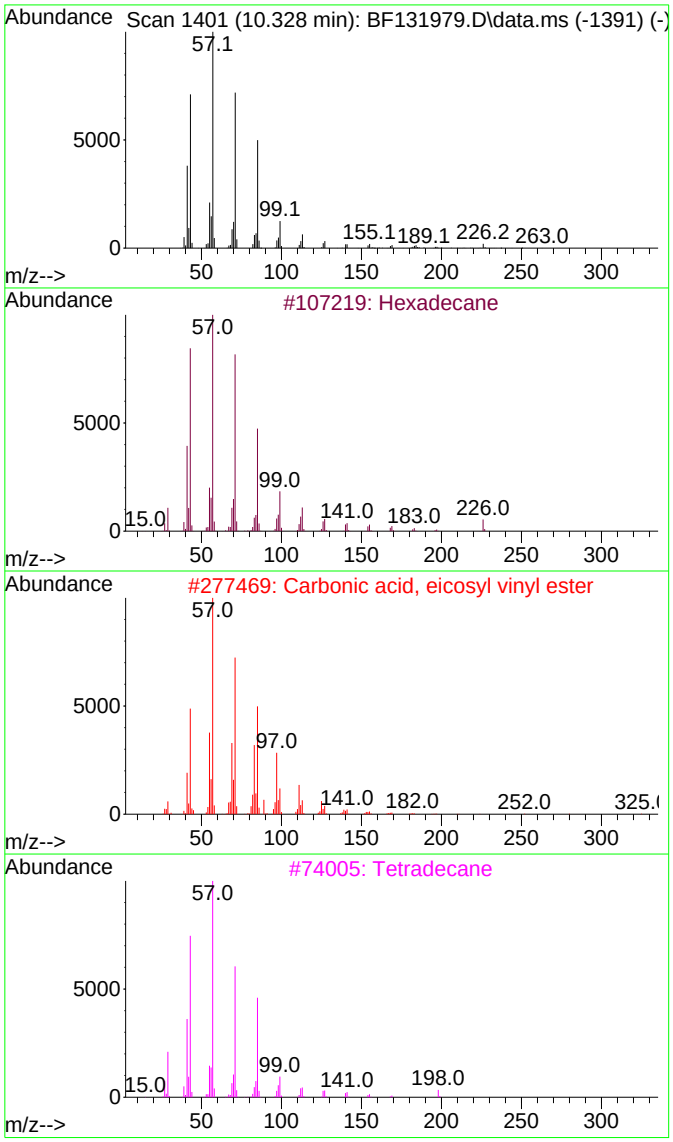
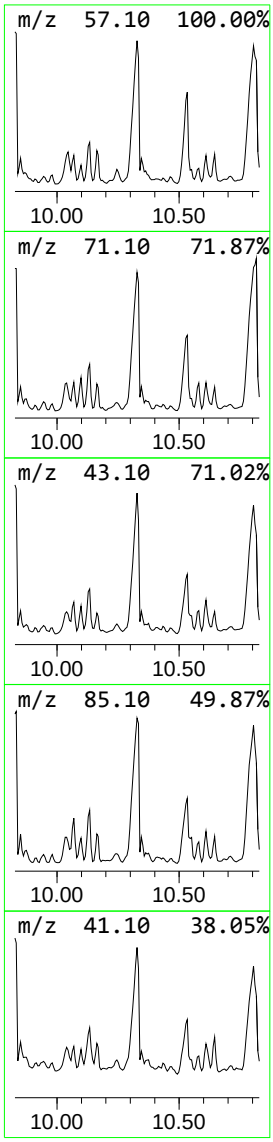
Peak Number 13 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.328	62.03 ng	18579400	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	87
3	Tetradecane	198	C14H30	000629-59-4	86
4	Pentadecane	212	C15H32	000629-62-9	86
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86





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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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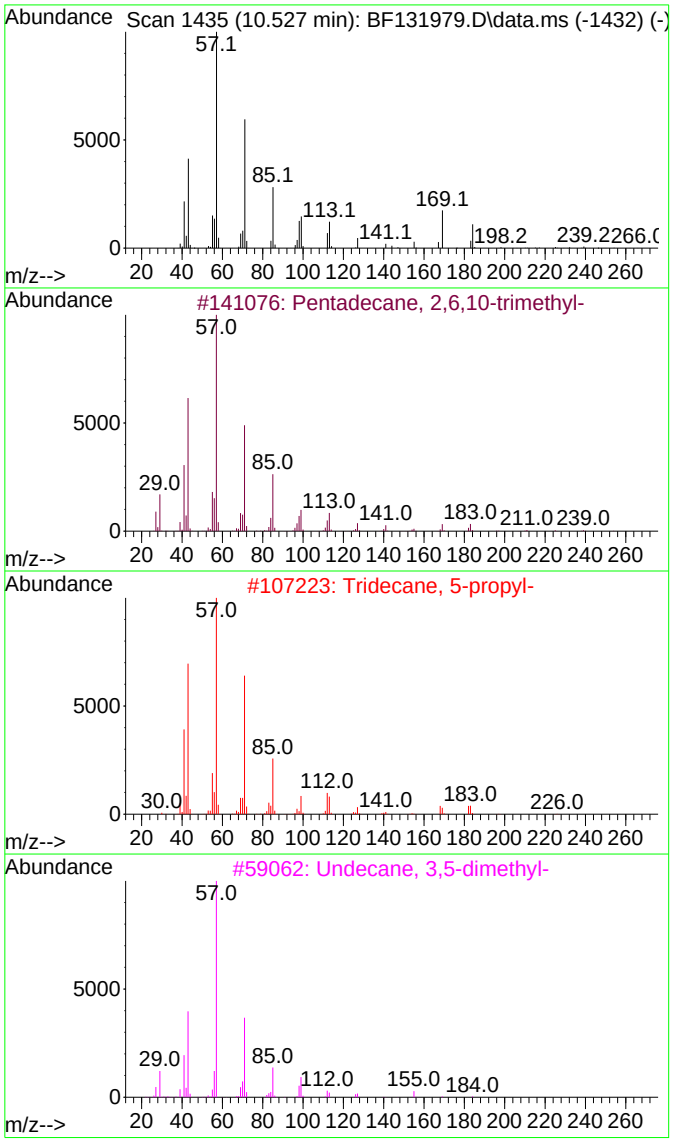
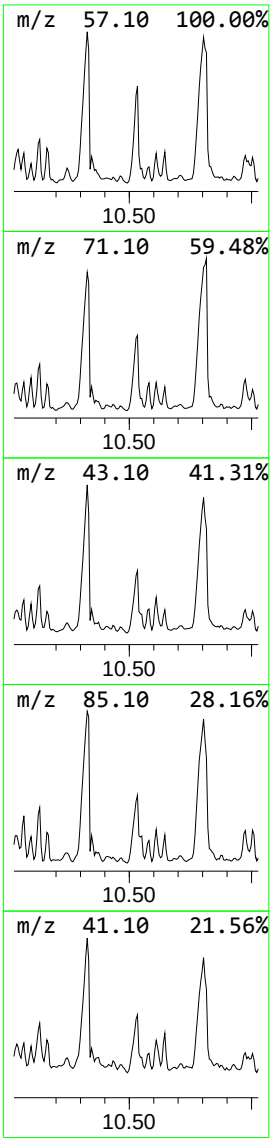
Peak Number 14 Pentadecane, 2,6,10-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.528	29.90 ng	8954740	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	91
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	70
3	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
5	Heptacosane	380	C27H56	000593-49-7	64





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TIC Library : C:\Database\NIST20.L
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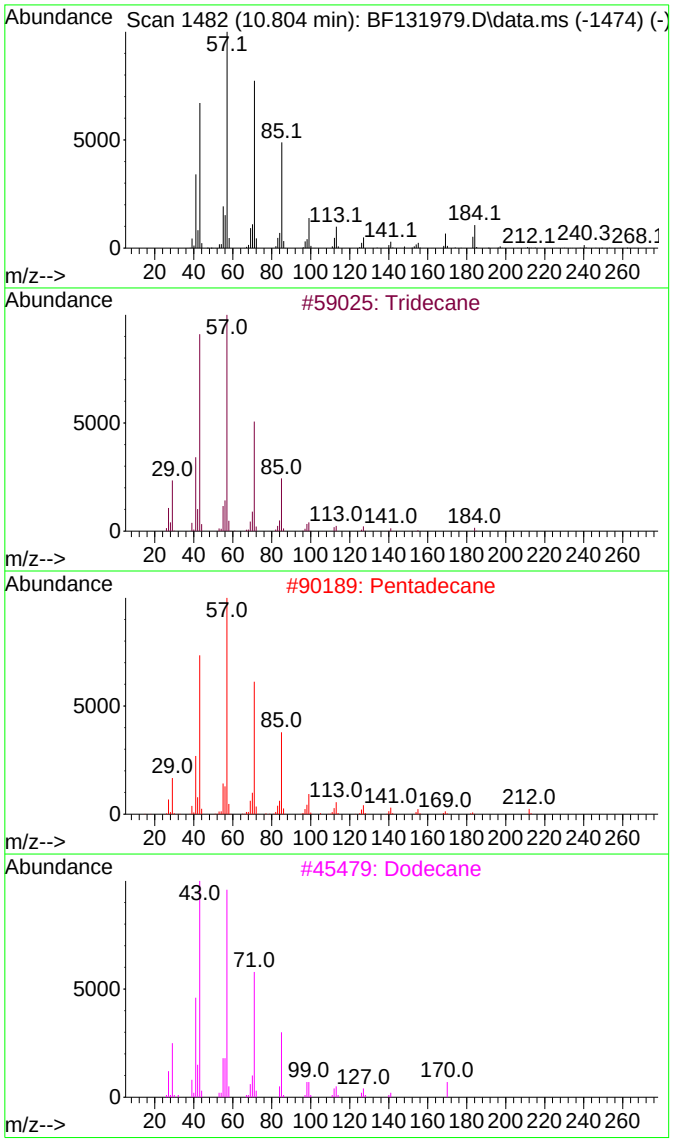
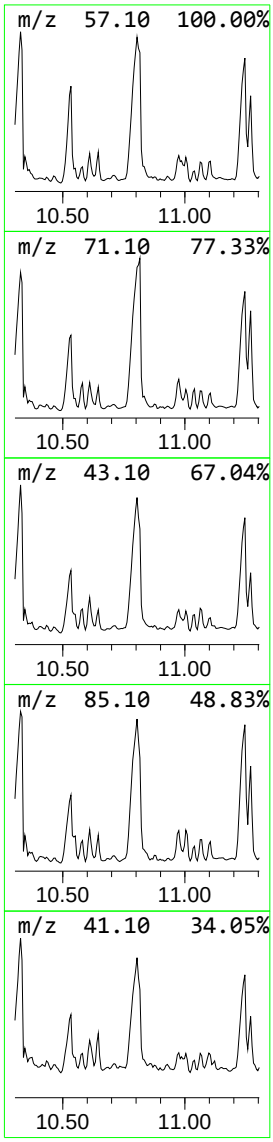
Peak Number 15 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.804	124.79 ng	18786300	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Pentadecane	212	C15H32	000629-62-9	87
3	Dodecane	170	C12H26	000112-40-3	87
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
5	Hexadecane	226	C16H34	000544-76-3	86





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TIC Library : C:\Database\NIST20.L
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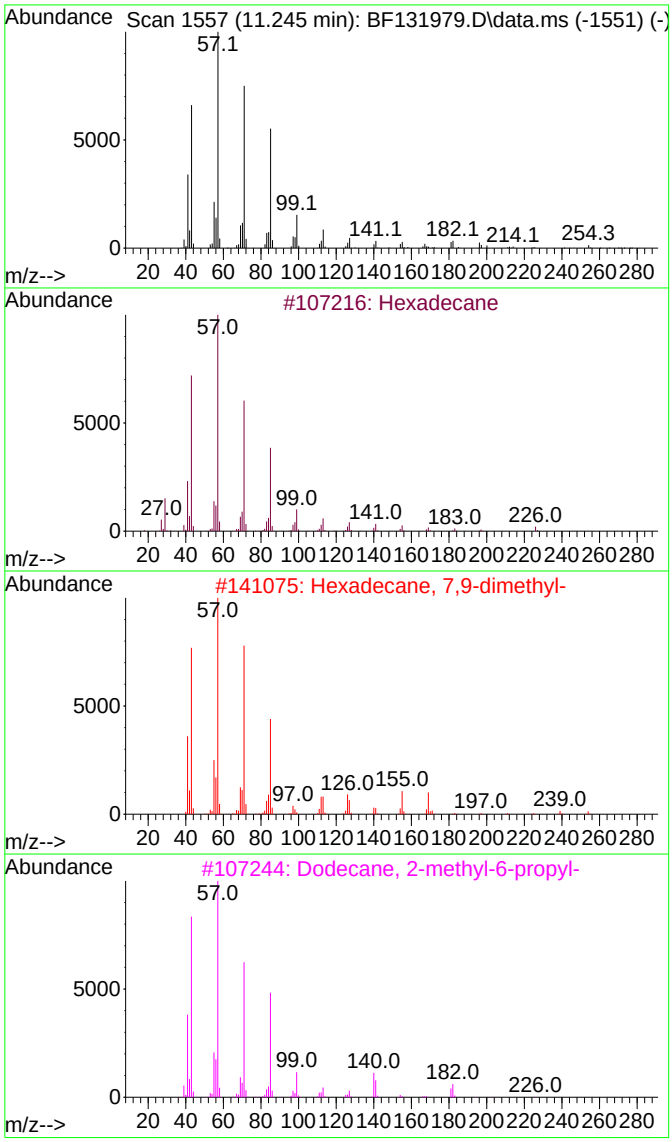
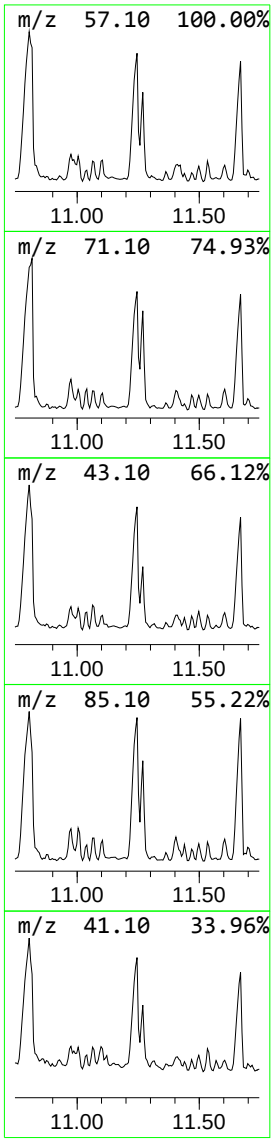
Peak Number 16 Hexadecane, 7,9-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.245	71.41 ng	10750000	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	89
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
4	Tetradecane	198	C14H30	000629-59-4	87
5	Octadecane	254	C18H38	000593-45-3	86





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

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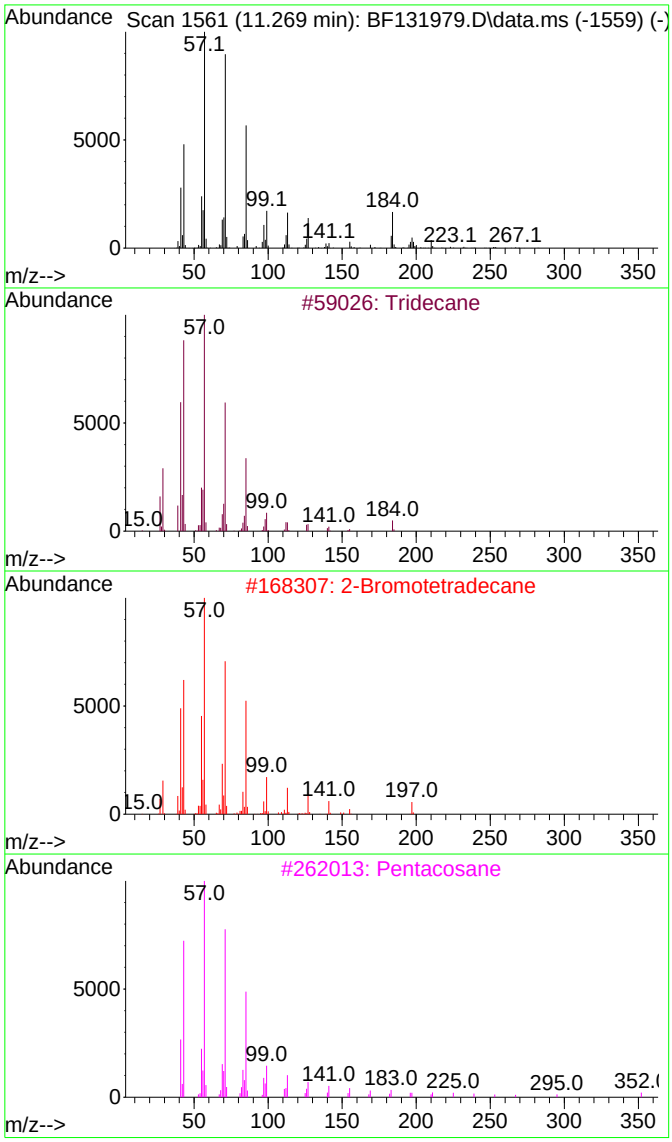
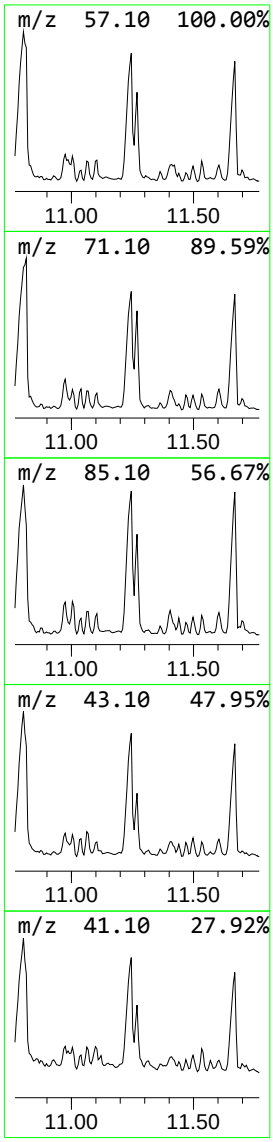
Peak Number 17 2-Bromotetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.269	38.18 ng	5747530	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	86
2	2-Bromotetradecane	276	C14H29Br	074036-95-6	86
3	Pentacosane	352	C25H52	000629-99-2	86
4	Tetradecane	198	C14H30	000629-59-4	81
5	Hexadecane	226	C16H34	000544-76-3	80





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ClientSampleId :
UST-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.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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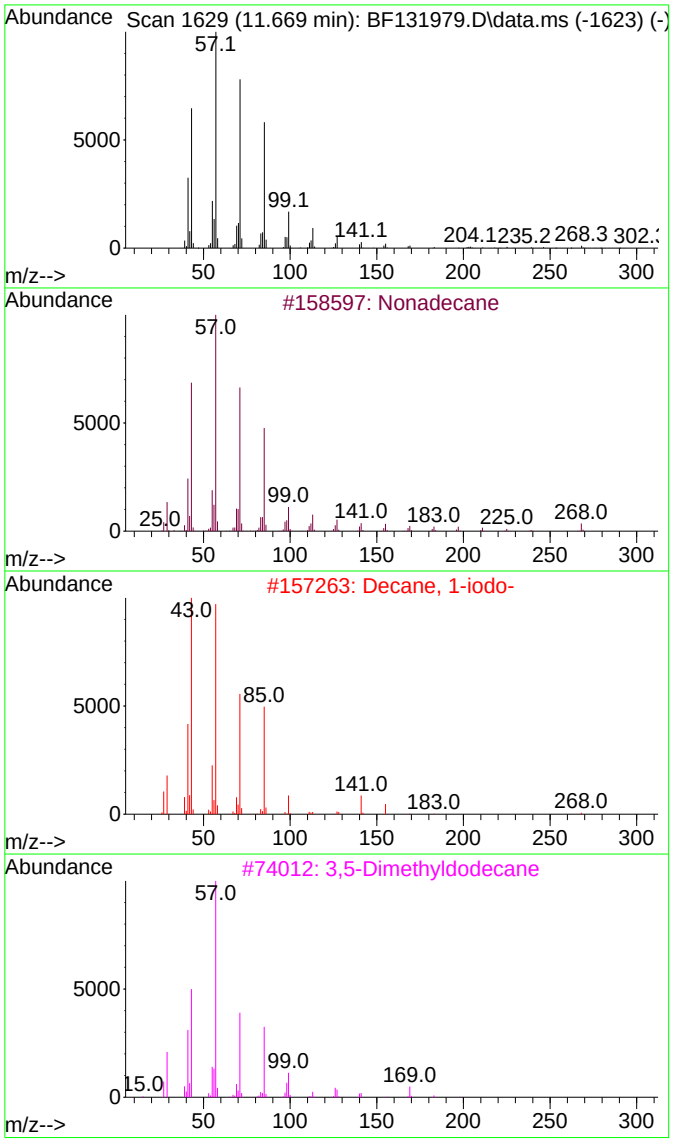
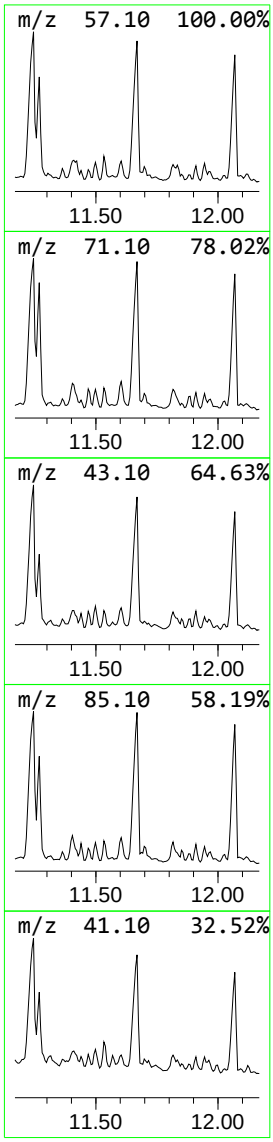
Peak Number 18 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.669	57.15 ng	8603100	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Decane, 1-iodo-	268	C10H21I	002050-77-3	87
3	3,5-Dimethyldodecane	198	C14H30	107770-99-0	87
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010923\
Data File : BF131979.D
Acq On : 09 Jan 2023 23:42
Operator : CG\JU
Sample : 01052-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UST-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.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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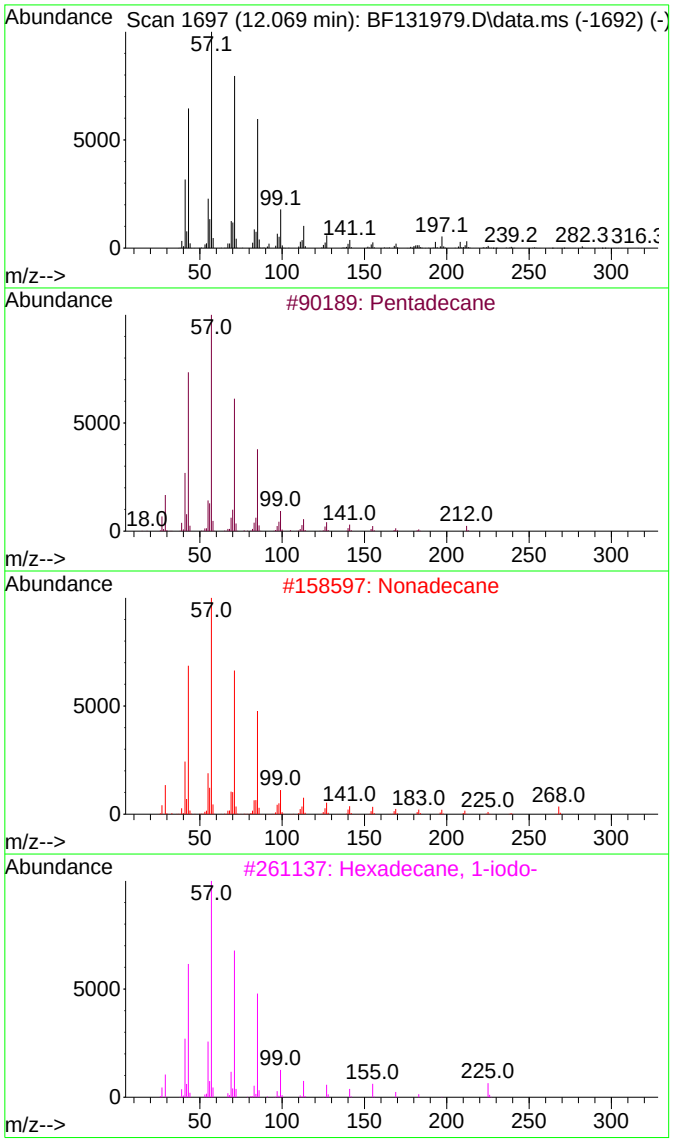
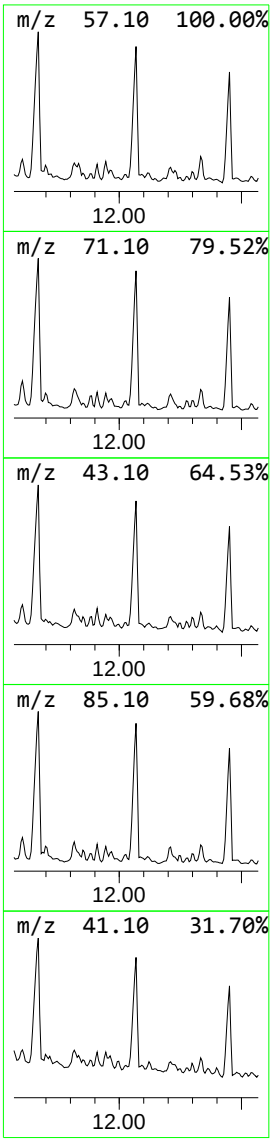
Peak Number 19 Hexadecane, 1-iodo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.069	51.25 ng	7715680	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	96
2	Nonadecane	268	C19H40	000629-92-5	95
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	90
5	Tetracosane	338	C24H50	000646-31-1	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010923\
Data File : BF131979.D
Acq On : 09 Jan 2023 23:42
Operator : CG\JU
Sample : 01052-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UST-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.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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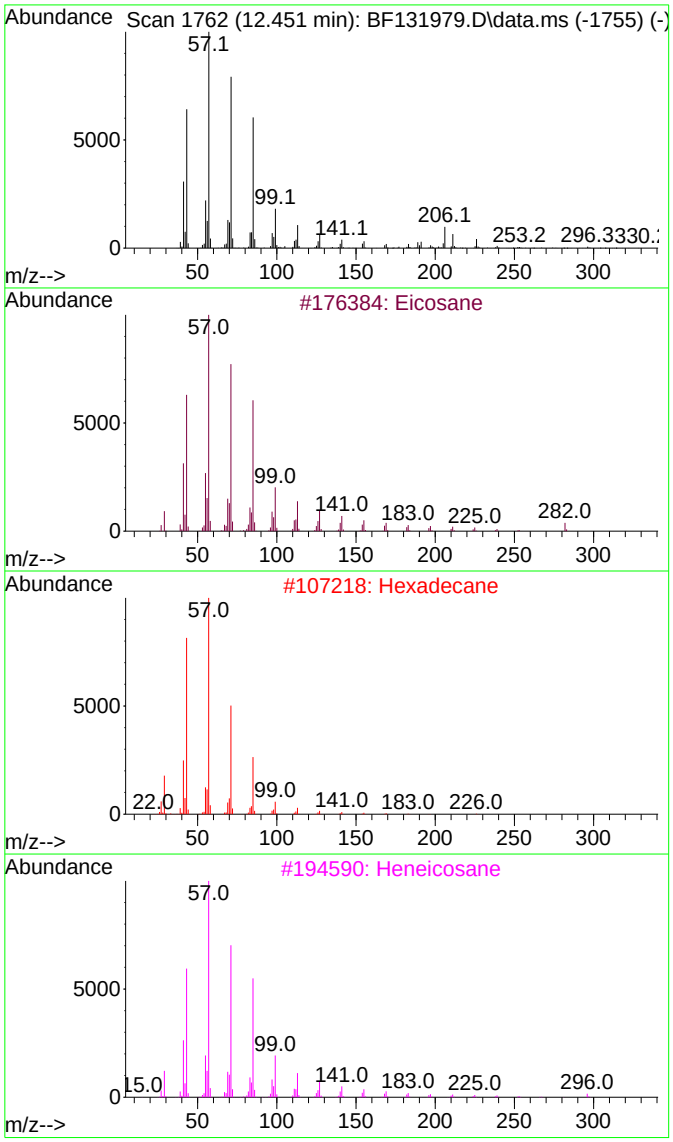
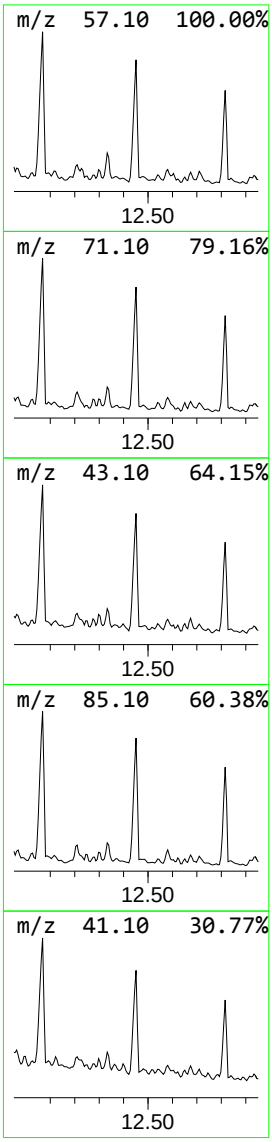
Peak Number 20 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	63.06 ng	9493380	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Hexadecane	226	C16H34	000544-76-3	96
3	Heneicosane	296	C21H44	000629-94-7	90
4	Octadecane	254	C18H38	000593-45-3	87
5	9-Methylheneicosane	310	C22H46	070475-51-3	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010923\
Data File : BF131979.D
Acq On : 09 Jan 2023 23:42
Operator : CG\JU
Sample : 01052-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UST-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.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	5.693	33.5	ng	4645500	1	6.804	2773100	20.0
Nonane, 3-methyl-	6.028	28.0	ng	3880250	1	6.804	2773100	20.0
Benzene, 1-ethy...	6.322	54.8	ng	7598550	1	6.804	2773100	20.0
Mesitylene	6.398	31.9	ng	4419310	1	6.804	2773100	20.0
Benzene, 1-meth...	7.081	42.7	ng	5919040	1	6.804	2773100	20.0
Benzene, 4-ethy...	7.134	78.5	ng	10888600	1	6.804	2773100	20.0
Benzene, 1-meth...	7.198	47.6	ng	6604780	1	6.804	2773100	20.0
Naphthalene, 1,...	9.475	30.2	ng	9037290	3	9.880	5990430	20.0
Naphthalene, 1,...	9.551	56.8	ng	17009800	3	9.880	5990430	20.0
Naphthalene, 1,...	9.657	34.1	ng	10225700	3	9.880	5990430	20.0
Pentadecane	9.828	44.4	ng	13304300	3	9.880	5990430	20.0
Hexadecane	10.328	62.0	ng	18579400	3	9.880	5990430	20.0
Pentadecane, 2,...	10.528	29.9	ng	8954740	3	9.880	5990430	20.0
Tridecane	10.804	124.8	ng	18786300	4	11.374	3010790	20.0
Hexadecane, 7,9...	11.245	71.4	ng	10750000	4	11.374	3010790	20.0
2-Bromotetradecane	11.269	38.2	ng	5747530	4	11.374	3010790	20.0
Nonadecane	11.669	57.1	ng	8603100	4	11.374	3010790	20.0
Hexadecane, 1-i...	12.069	51.3	ng	7715680	4	11.374	3010790	20.0
Eicosane	12.451	63.1	ng	9493380	4	11.374	3010790	20.0