LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
Data File : BF137798.D
Acq On : 01 May 2024 18:24
Operator : CG\JU
Sample : P2284-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

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-BF043024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137798.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.216	16	22	27	rVB2	101953	191247	3.19%	0.347%
2	2.428	52	58	65	rVB	824434	1050725	17.55%	1.908%
3	5.675	606	610	613	rBV	2634372	2246024	37.52%	4.079%
4	6.663	774	778	781	rVB	1671993	1419521	23.71%	2.578%
5	6.881	812	815	819	rBV2	91892	99804	1.67%	0.181%
6	7.057	841	845	848	rVB	1363027	1150296	19.22%	2.089%
7	7.192	865	868	872	rBV4	71501	89812	1.50%	0.163%
8	7.322	884	890	892	rBV5	93598	122033	2.04%	0.222%
9	7.381	896	900	904	rVB4	55893	82067	1.37%	0.149%
10	7.428	904	908	909	rBV	75559	68483	1.14%	0.124%
11	7.581	929	934	936	rBV3	92587	147178	2.46%	0.267%
12	7.616	936	940	943	rBV	2899056	3045280	50.87%	5.531%
13	7.692	948	953	957	rBV6	117843	192857	3.22%	0.350%
14	7.745	957	962	966	rBV4	70604	105792	1.77%	0.192%
15	7.822	972	975	977	rVB	87294	68860	1.15%	0.125%
16	7.863	977	982	986	rVB6	83783	142688	2.38%	0.259%
17	7.981	999	1002	1004	rBV3	130851	141696	2.37%	0.257%
18	8.069	1015	1017	1020	rBV	99620	82286	1.37%	0.149%
19	8.145	1027	1030	1037	rVB4	69308	89544	1.50%	0.163%
20	8.204	1037	1040	1043	rVB2	90869	84249	1.41%	0.153%
21	8.234	1043	1045	1047	rBV2	76441	66984	1.12%	0.122%
22	8.281	1047	1053	1055	rBV5	103913	185700	3.10%	0.337%
23	8.304	1055	1057	1059	rVV	253077	204621	3.42%	0.372%
24	8.339	1059	1063	1066	rVV	1794705	1569655	26.22%	2.851%
25	8.381	1068	1070	1073	rVB	372619	328411	5.49%	0.596%
26	8.422	1073	1077	1083	rVB4	143171	190817	3.19%	0.347%
27	8.481	1083	1087	1089	rBV3	89854	123778	2.07%	0.225%
28	8.539	1094	1097	1101	rVB4	135937	139983	2.34%	0.254%
29	8.586	1101	1105	1107	rBV3	114971	115629	1.93%	0.210%
30	8.622	1107	1111	1116	rBV6	300975	420883	7.03%	0.764%
31	8.745	1129	1132	1134	rVB	483164	356476	5.96%	0.647%
32	8.775	1134	1137	1140	rBV4	123534	128464	2.15%	0.233%
33	8.839	1145	1148	1151	rBV3	151939	167280	2.79%	0.304%
34	8.916	1156	1161	1162	rBV2	291571	276415	4.62%	0.502%
35	8.969	1167	1170	1174	rVV2	97444	167663	2.80%	0.304%
36	9.010	1174	1177	1179	rVB3	123283	125884	2.10%	0.229%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
Data File : BF137798.D
Acq On : 01 May 2024 18:24
Operator : CG\JU
Sample : P2284-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2

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-BF043024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.081	1186	1189	1192	rBV2	138883	133925	2.24%	0.243%
38	9.116	1192	1195	1196	rVV3	129315	130218	2.18%	0.236%
39	9.157	1200	1202	1204	rVV3	217489	209109	3.49%	0.380%
40	9.198	1207	1209	1211	rVV	218139	194871	3.26%	0.354%
41	9.245	1214	1217	1220	rVB4	202185	246911	4.12%	0.448%
42	9.281	1220	1223	1226	rBV2	285409	261605	4.37%	0.475%
43	9.322	1227	1230	1232	rVV2	147133	144347	2.41%	0.262%
44	9.345	1232	1234	1237	rVV	645989	562397	9.40%	1.021%
45	9.416	1241	1246	1249	rBV	6440893	5986007	100.00%	10.871%
46	9.481	1254	1257	1263	rBV4	488046	711561	11.89%	1.292%
47	9.528	1263	1265	1267	rVV3	161472	145568	2.43%	0.264%
48	9.563	1269	1271	1273	rVB2	191358	147654	2.47%	0.268%
49	9.745	1297	1302	1303	rBV5	163486	260788	4.36%	0.474%
50	9.804	1309	1312	1316	rBV2	1025736	871749	14.56%	1.583%
51	9.863	1320	1322	1325	rBV3	221365	193009	3.22%	0.351%
52	9.910	1328	1330	1333	rVB2	195844	148984	2.49%	0.271%
53	9.963	1336	1339	1341	rBV3	185267	165123	2.76%	0.300%
54	10.016	1345	1348	1352	rVB	610474	536164	8.96%	0.974%
55	10.051	1352	1354	1357	rBV3	155126	170174	2.84%	0.309%
56	10.104	1357	1363	1366	rBV	2114967	1847703	30.87%	3.356%
57	10.145	1368	1370	1372	rBV3	107691	111438	1.86%	0.202%
58	10.198	1376	1379	1384	rBV2	181061	244478	4.08%	0.444%
59	10.245	1384	1387	1390	rBV4	153108	226104	3.78%	0.411%
60	10.275	1390	1392	1394	rVB2	251244	180131	3.01%	0.327%
61	10.298	1394	1396	1400	rVB2	280858	268001	4.48%	0.487%
62	10.339	1400	1403	1407	rBV3	490231	591259	9.88%	1.074%
63	10.416	1413	1416	1419	rBV3	333862	395042	6.60%	0.717%
64	10.516	1430	1433	1436	rVB	647651	549548	9.18%	0.998%
65	10.545	1436	1438	1441	rBV	163982	155535	2.60%	0.282%
66	10.645	1449	1455	1457	rBV6	179738	361956	6.05%	0.657%
67	10.739	1466	1471	1473	rBV2	1078189	1310619	21.89%	2.380%
68	10.792	1477	1480	1483	rBV3	257870	219090	3.66%	0.398%
69	10.822	1483	1485	1487	rBV	179631	146871	2.45%	0.267%
70	10.857	1489	1491	1494	rVB4	225926	205041	3.43%	0.372%
71	10.898	1494	1498	1501	rBV	4033899	3593938	60.04%	6.527%
72	11.004	1511	1516	1524	rVB	1723993	2312490	38.63%	4.200%
73	11.086	1528	1530	1533	rVB	206892	206629	3.45%	0.375%
74	11.186	1544	1547	1549	rBV4	205755	221416	3.70%	0.402%
75	11.316	1567	1569	1571	rBV3	220451	186339	3.11%	0.338%
76	11.339	1571	1573	1575	rVV3	221427	187292	3.13%	0.340%

LSC Area Percent Report

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Acq On : 01 May 2024 18:24
Operator : CG\JU
Sample : P2284-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	11.398	1581	1583	1586	rVB3	165336	120275	2.01%	0.218%
78	11.439	1588	1590	1592	rBV2	336905	264164	4.41%	0.480%
79	11.475	1592	1596	1599	rBV	889104	875845	14.63%	1.591%
80	11.569	1610	1612	1613	rBV	118177	86557	1.45%	0.157%
81	11.598	1614	1617	1620	rVV	1993150	1681103	28.08%	3.053%
82	11.710	1634	1636	1641	rVB5	336289	389483	6.51%	0.707%
83	11.751	1641	1643	1647	rVV4	199981	239470	4.00%	0.435%
84	11.786	1647	1649	1653	rVV3	140759	195959	3.27%	0.356%
85	11.822	1653	1655	1661	rVV2	377706	449658	7.51%	0.817%
86	11.869	1661	1663	1667	rVB2	346923	295064	4.93%	0.536%
87	12.104	1700	1703	1706	rBV2	1018748	912343	15.24%	1.657%
88	12.127	1706	1707	1710	rVB	289888	172768	2.89%	0.314%
89	12.274	1730	1732	1735	rBV	113498	108335	1.81%	0.197%
90	12.651	1793	1796	1798	rBV	179756	146515	2.45%	0.266%
91	12.769	1814	1816	1821	rVB2	124925	128390	2.14%	0.233%
92	12.810	1821	1823	1826	rBV3	79612	75361	1.26%	0.137%
93	12.892	1833	1837	1842	rBV4	272246	344803	5.76%	0.626%
94	13.098	1869	1872	1875	rVB	153374	150877	2.52%	0.274%
95	13.186	1883	1887	1890	rBV	6488503	5879935	98.23%	10.679%
96	14.068	2034	2037	2047	rVB	157193	203710	3.40%	0.370%
97	14.245	2064	2067	2071	rBV	1297570	1212840	20.26%	2.203%
98	15.821	2329	2335	2345	rBV	897563	1198260	20.02%	2.176%

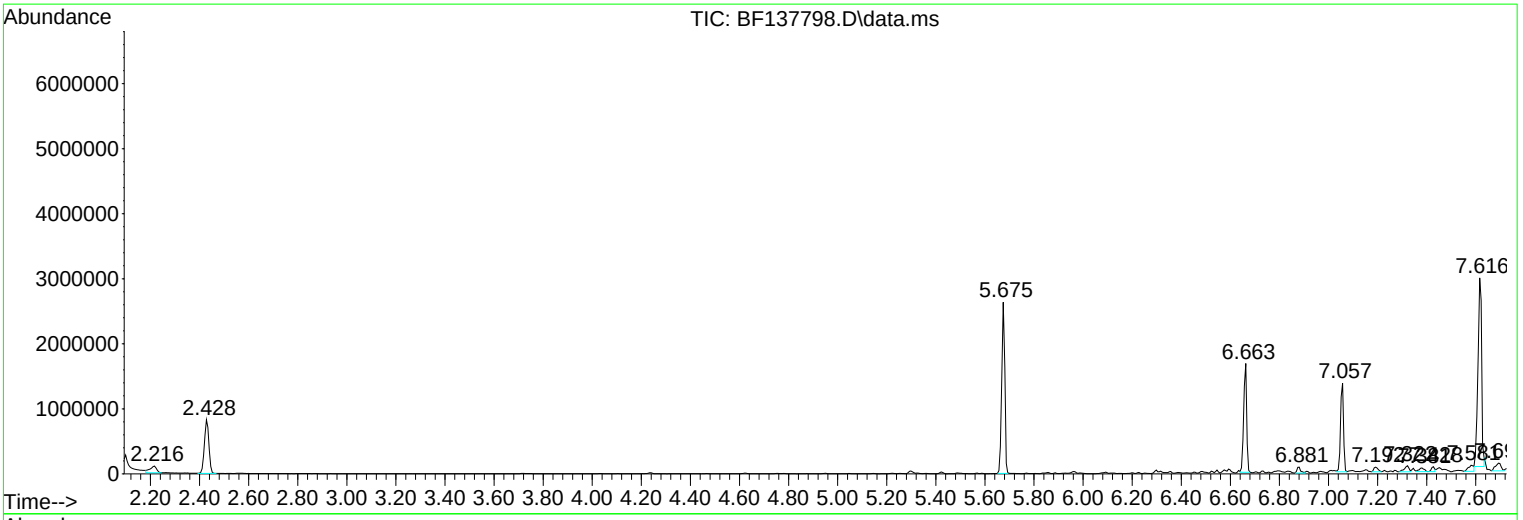
Sum of corrected areas: 55061884

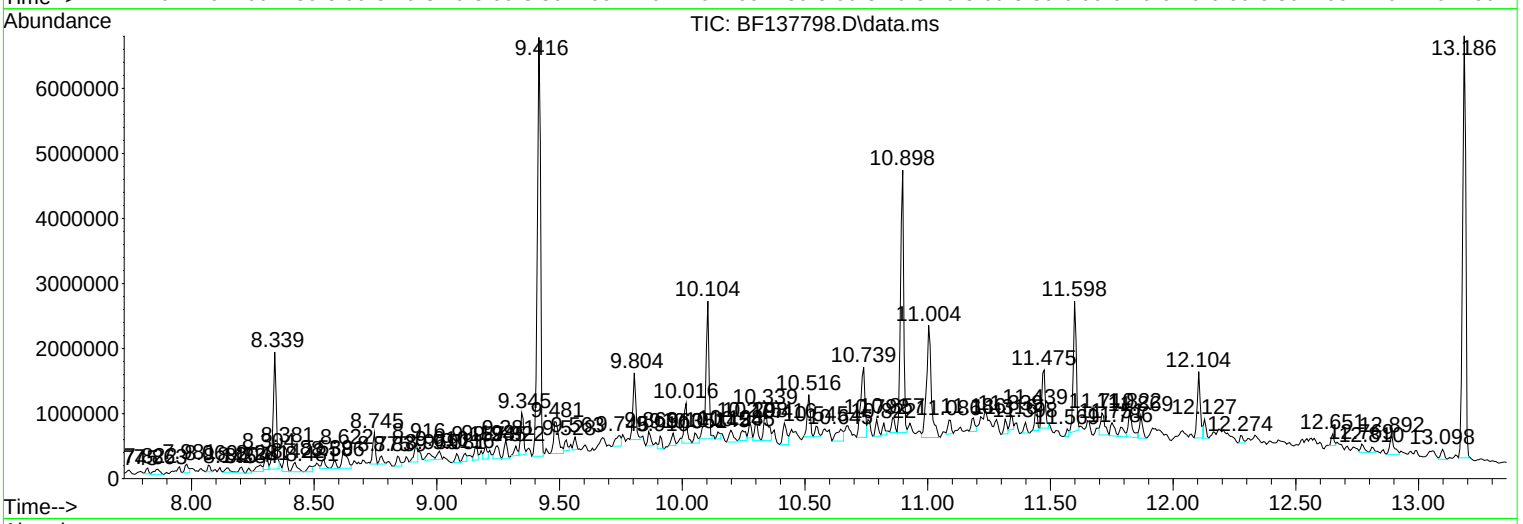
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
Data File : BF137798.D
Acq On : 01 May 2024 18:24
Operator : CG\JU
Sample : P2284-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

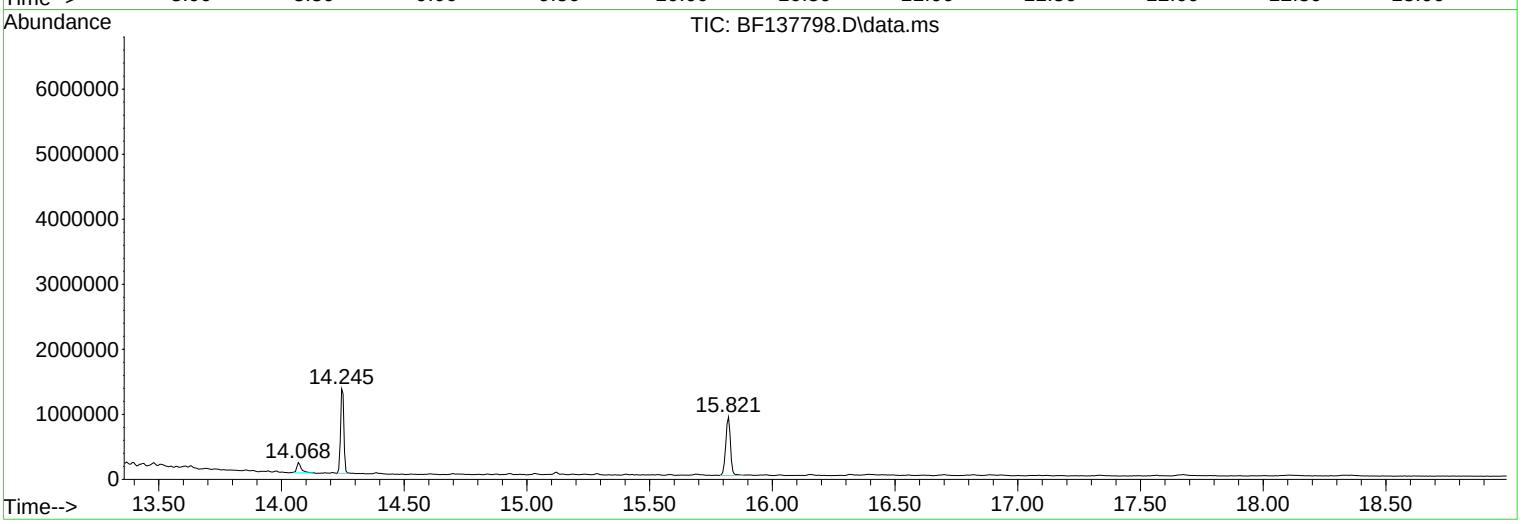
Instrument :
BNA_F
ClientSampleId :
MW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.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\BF050124\
Data File : BF137798.D
Acq On : 01 May 2024 18:24
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Instrument :
BNA_F
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MW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

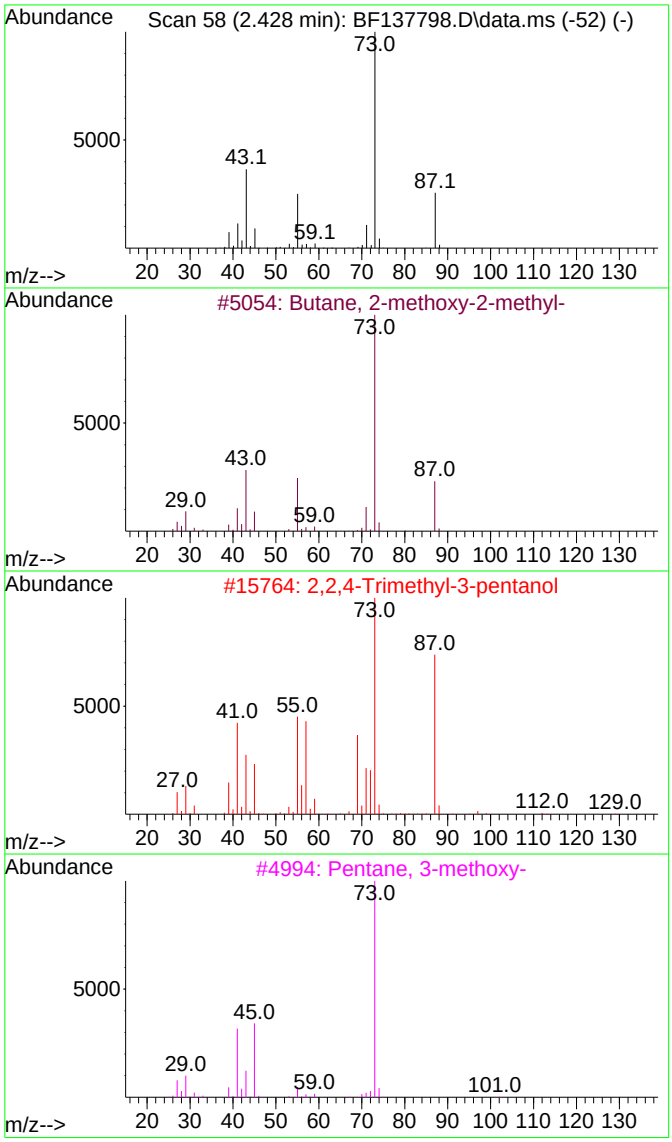
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

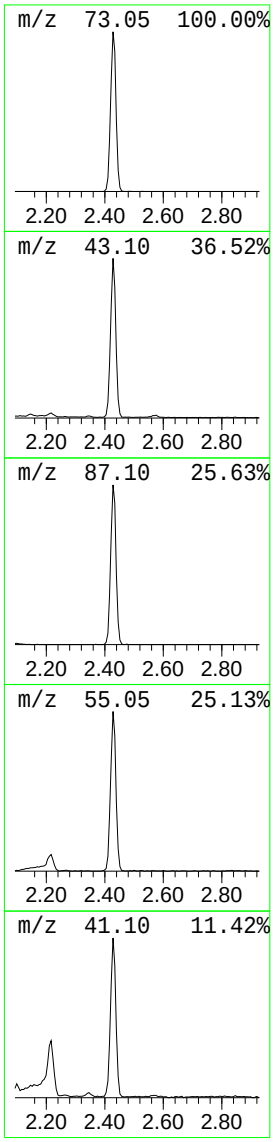
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.428	18.27 ng	1050730	1,4-Dichlorobenzene-d4	7.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
Data File : BF137798.D
Acq On : 01 May 2024 18:24
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Sample : P2284-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.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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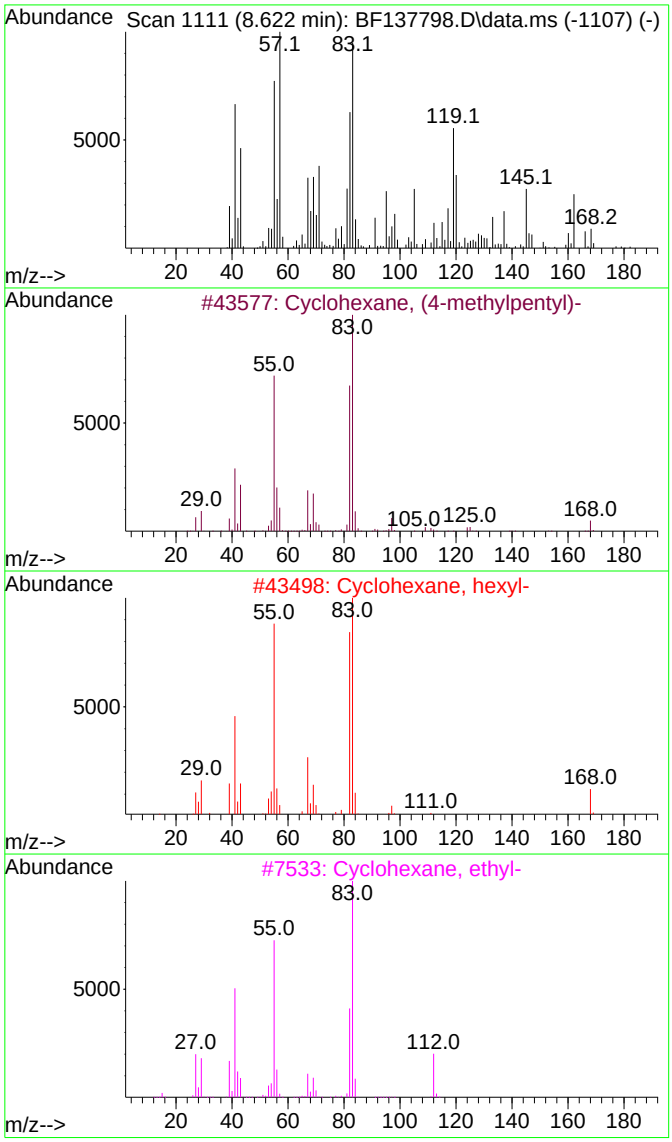
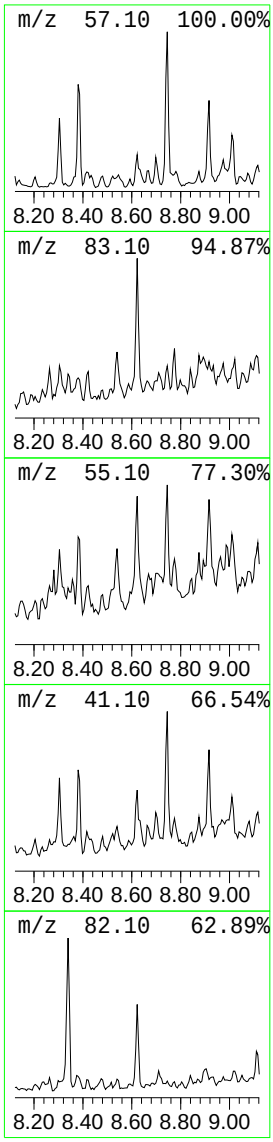
Peak Number 2 unknown8.622 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.622	5.36 ng	420883	Naphthalene-d8	8.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	46
2	Cyclohexane, hexyl-	168	C12H24	004292-75-5	38
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	35
4	2-Methyl-4-octenal	140	C9H16O	030390-58-0	22
5	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	18





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ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.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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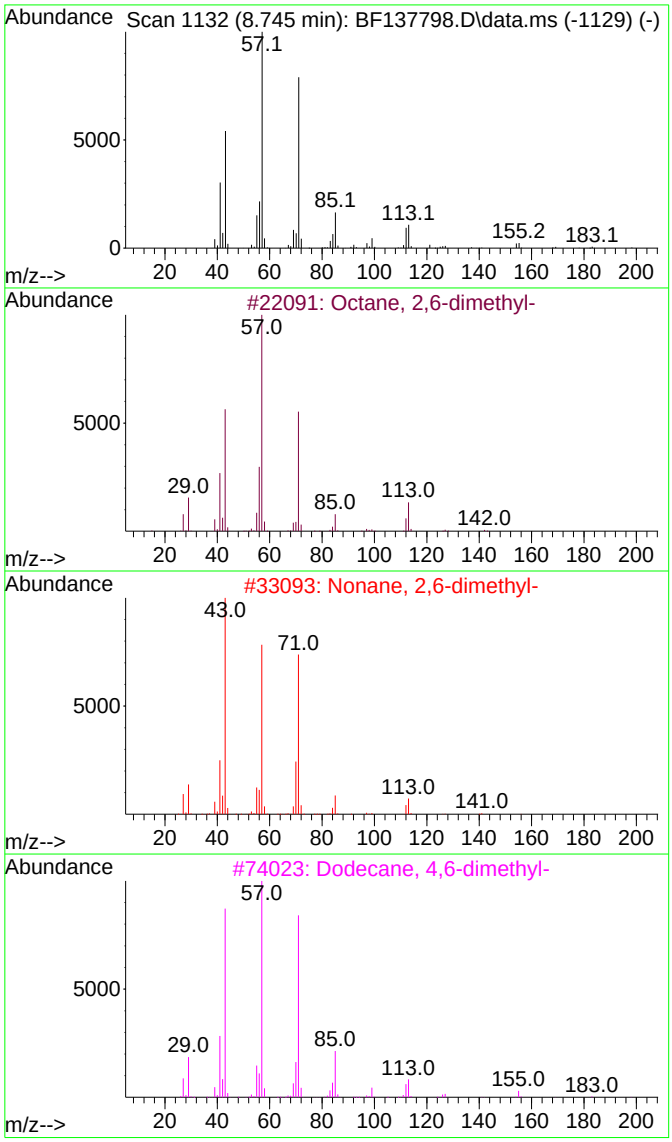
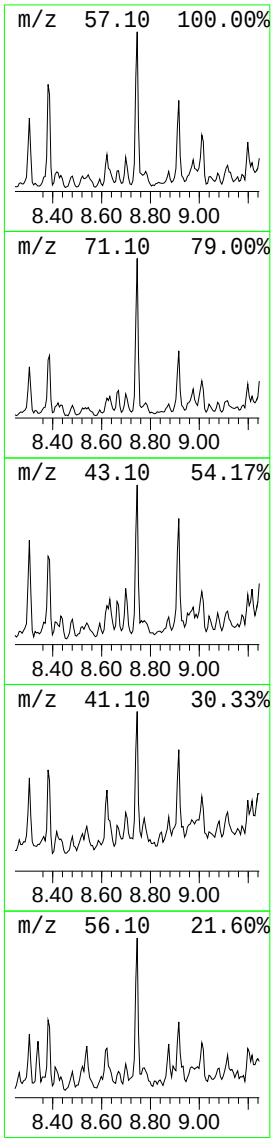
Peak Number 3 Octane, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.745	4.54 ng	356476	Naphthalene-d8	8.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	86
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	83
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	64
5	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
Data File : BF137798.D
Acq On : 01 May 2024 18:24
Operator : CG\JU
Sample : P2284-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.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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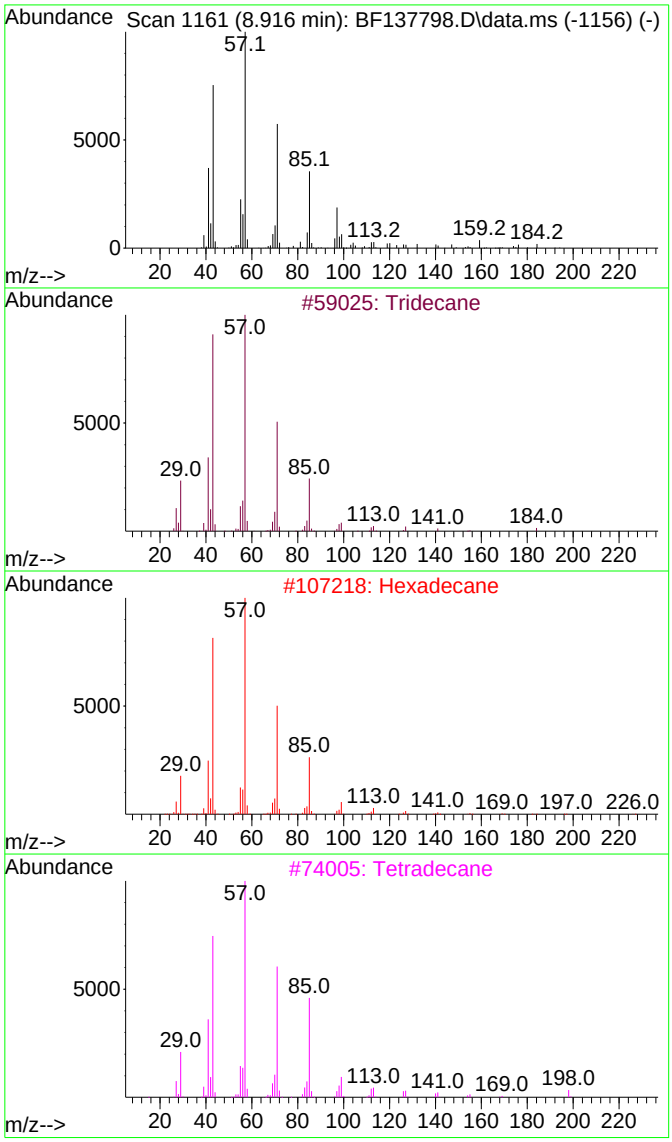
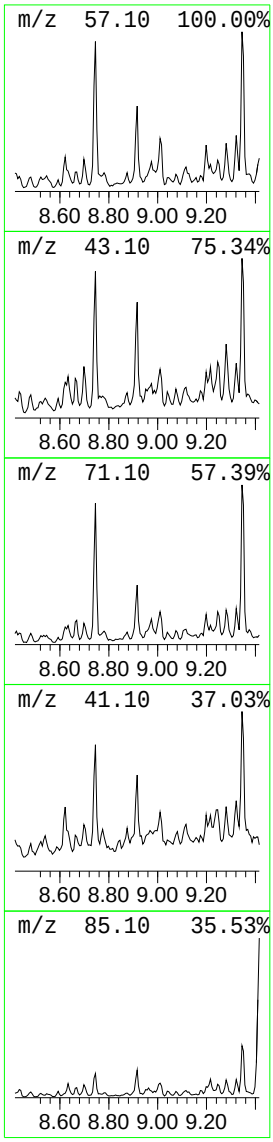
Peak Number 4 Tridecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.916	3.52 ng	276415	Naphthalene-d8	8.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Hexadecane	226	C16H34	000544-76-3	72
3	Tetradecane	198	C14H30	000629-59-4	72
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
5	Decane, 1-iodo-	268	C10H21I	002050-77-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
Data File : BF137798.D
Acq On : 01 May 2024 18:24
Operator : CG\JU
Sample : P2284-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.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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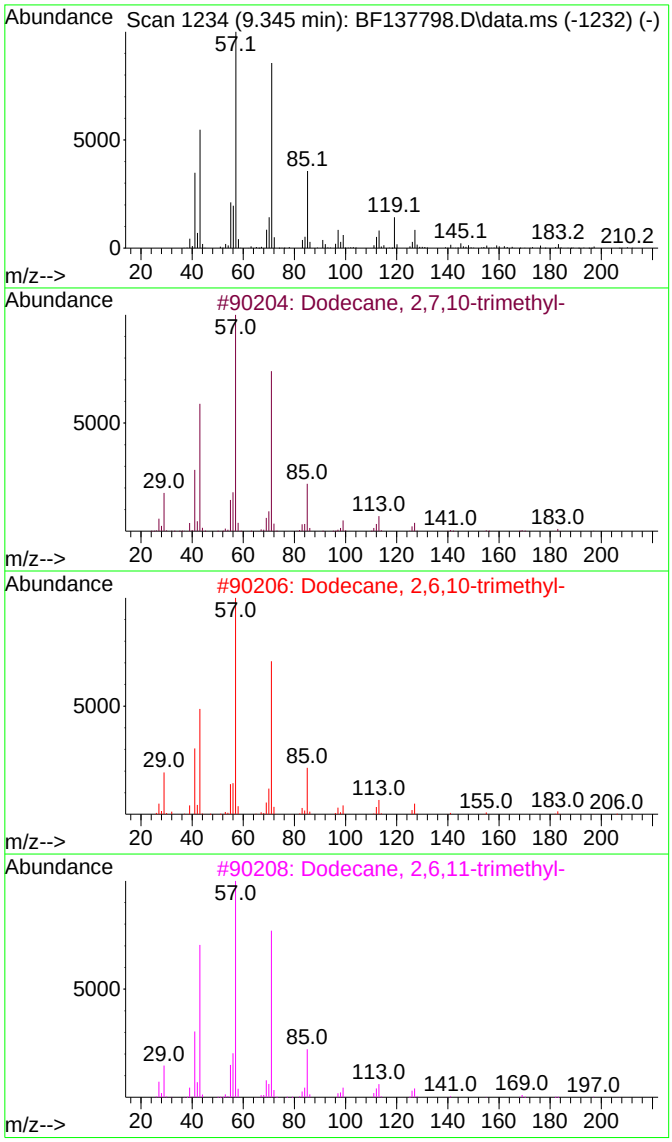
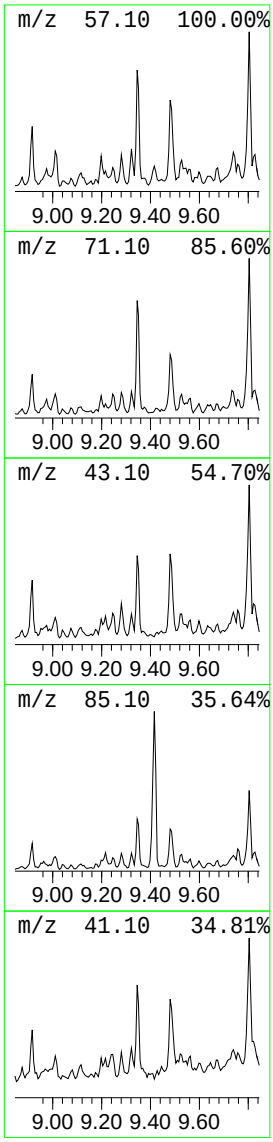
Peak Number 5 Dodecane, 2,7,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.345	6.09 ng	562397	Acenaphthene-d10	10.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
4	Decane, 5-propyl-	184	C13H28	017312-62-8	72
5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	64





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Acq On : 01 May 2024 18:24
Operator : CG\JU
Sample : P2284-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-2

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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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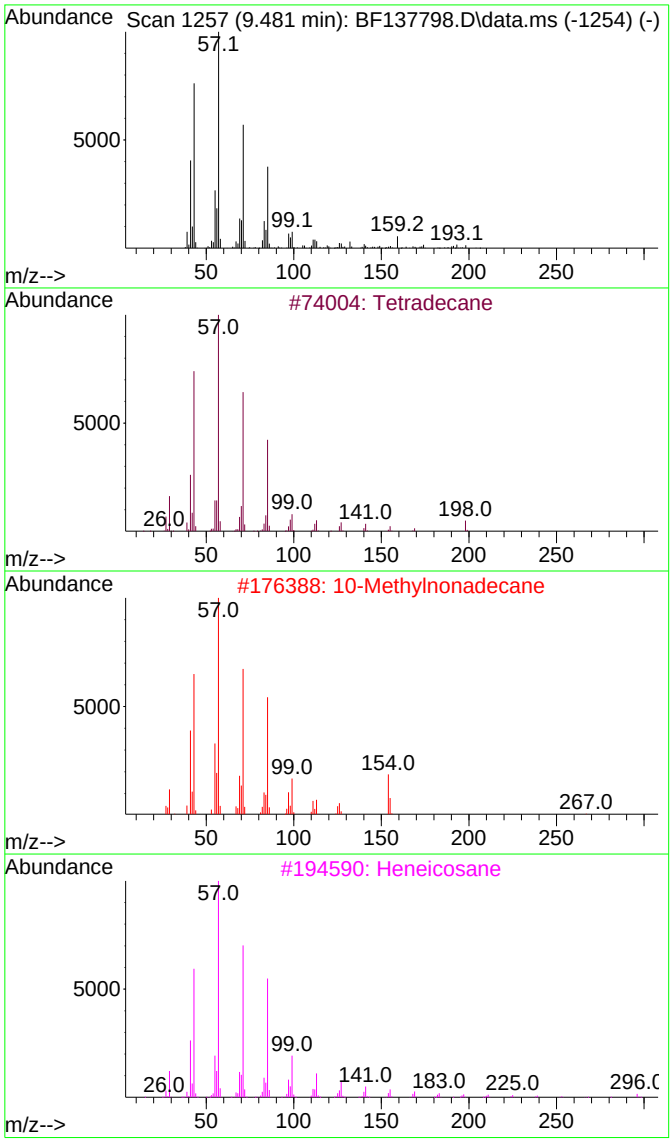
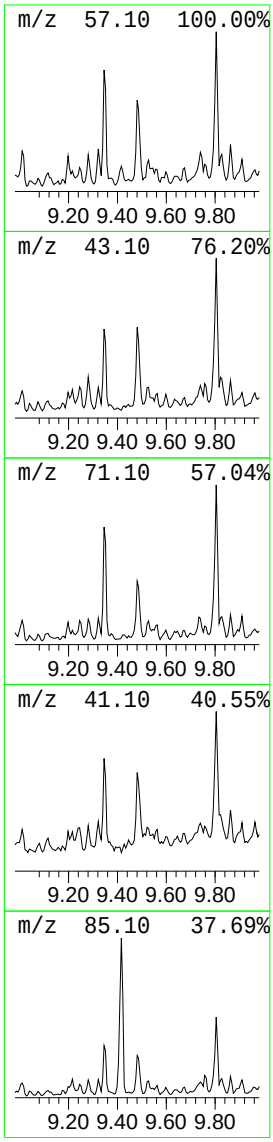
Peak Number 6 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.481	7.70 ng	711561	Acenaphthene-d10	10.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	87
2	10-Methylnonadecane	282	C20H42	056862-62-5	83
3	Heneicosane	296	C21H44	000629-94-7	80
4	Nonadecane	268	C19H40	000629-92-5	80
5	Hexacosane	366	C26H54	000630-01-3	80





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Sample : P2284-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2

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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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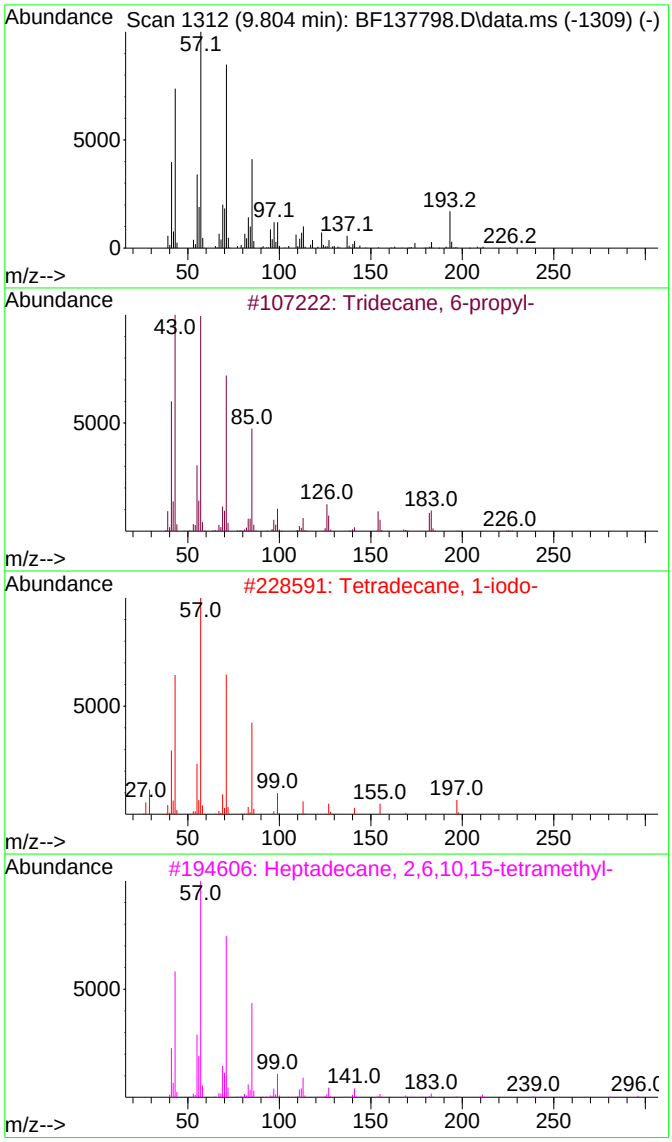
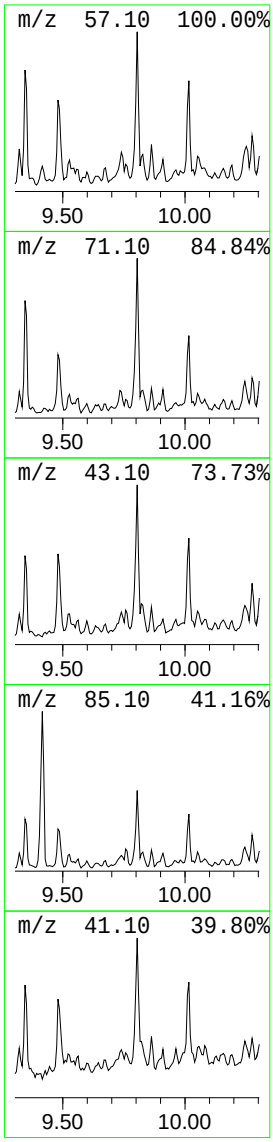
Peak Number 7 Tridecane, 6-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.804	9.44 ng	871749	Acenaphthene-d10	10.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	80
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	64
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64





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Sample : P2284-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2

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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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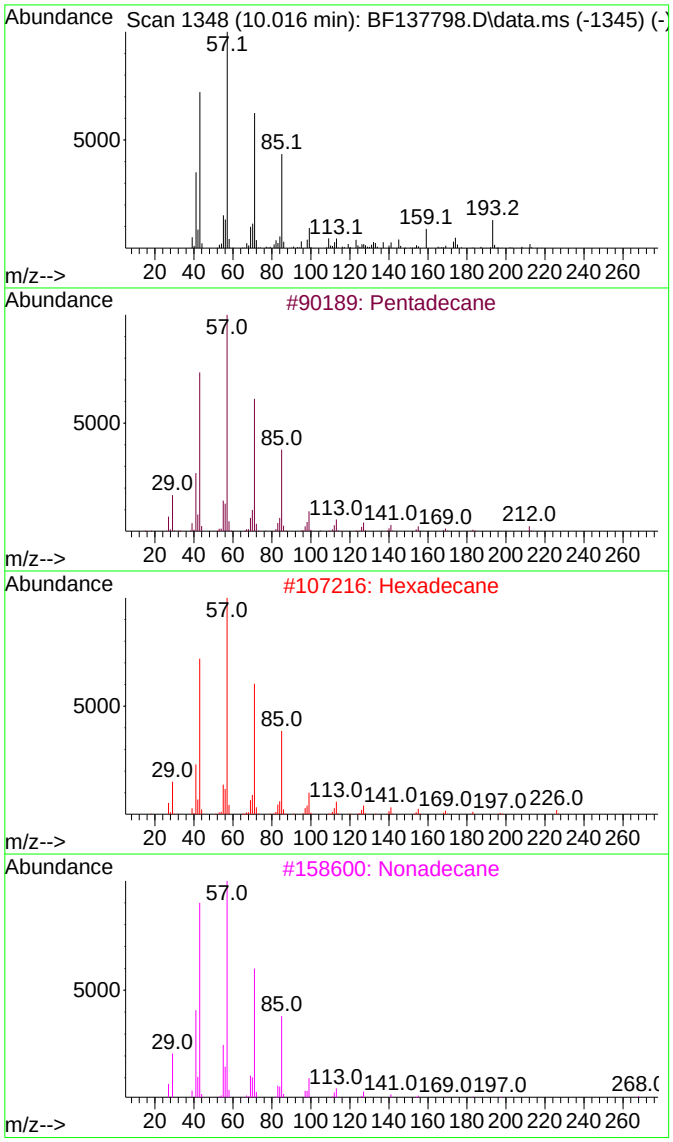
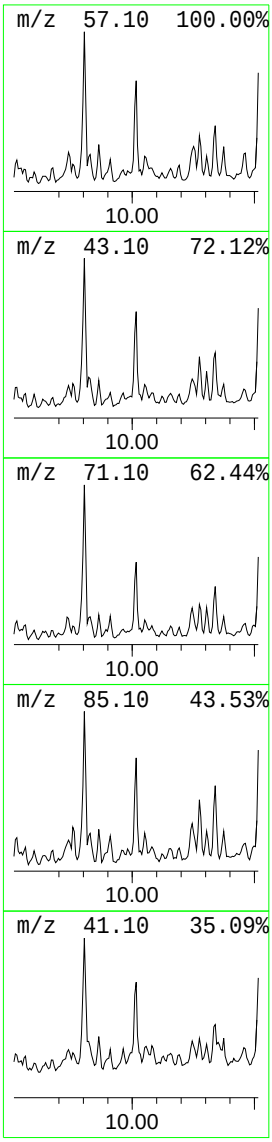
Peak Number 8 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.016	5.80 ng	536164	Acenaphthene-d10	10.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Hexadecane	226	C16H34	000544-76-3	64
3	Nonadecane	268	C19H40	000629-92-5	64
4	Tetradecane	198	C14H30	000629-59-4	64
5	Heptacosane	380	C27H56	000593-49-7	59





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2

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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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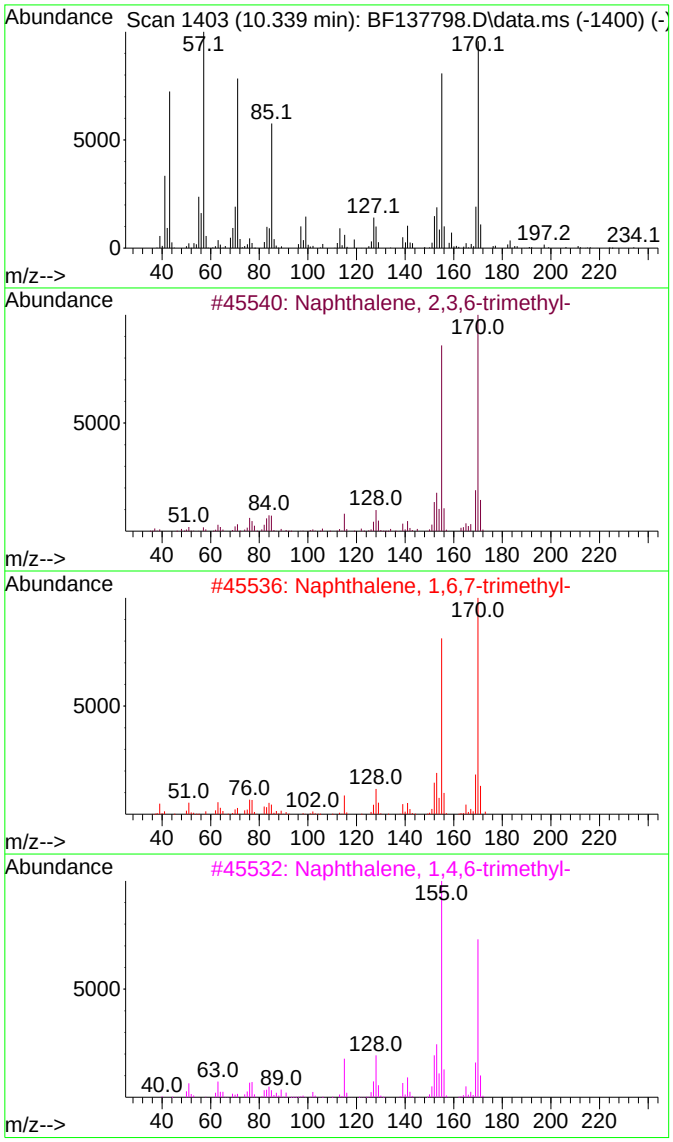
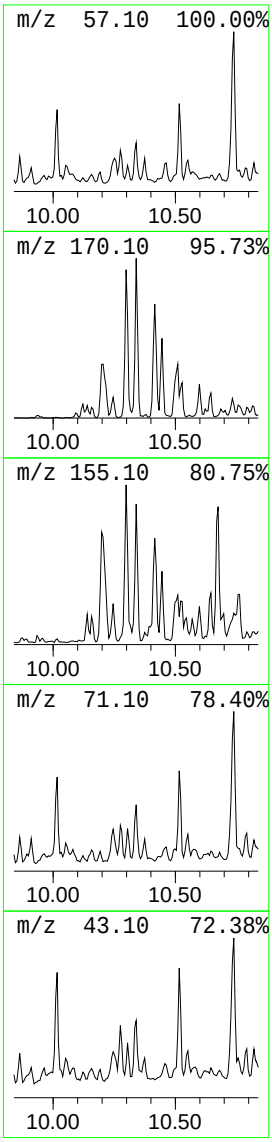
Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.339	6.40 ng	591259	Acenaphthene-d10	10.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	89
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	83
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	60
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	58
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	53





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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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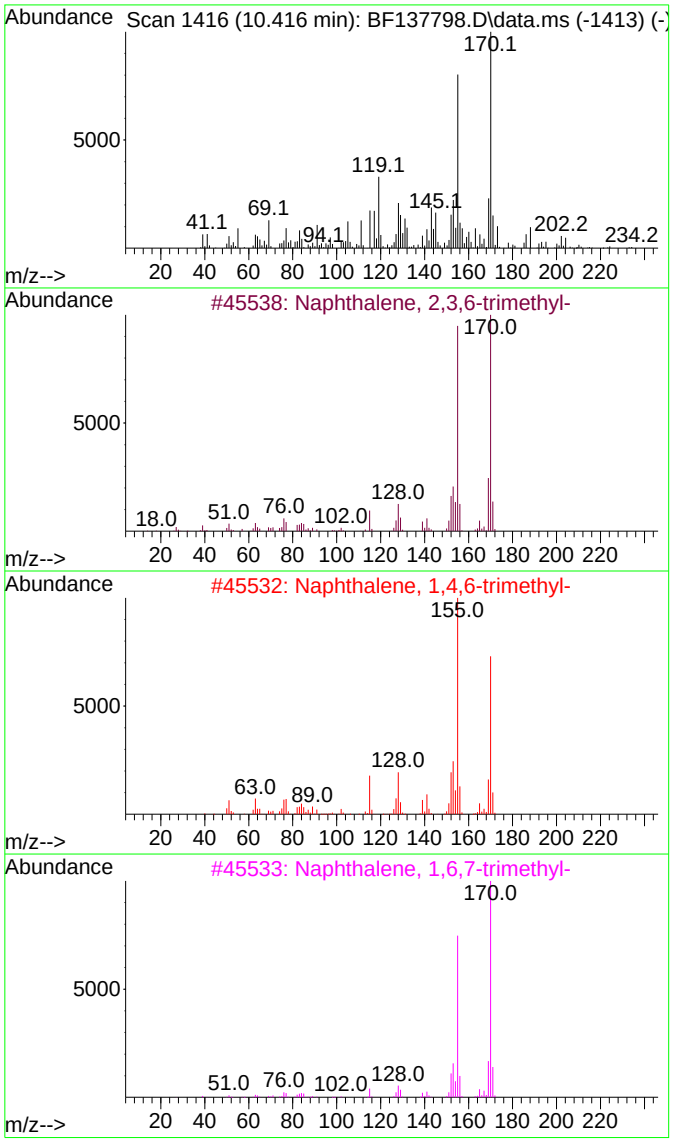
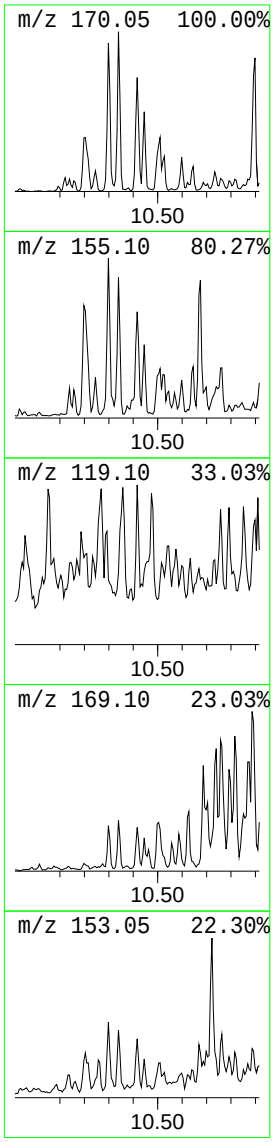
Peak Number 10 Naphthalene, 1,4,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.416	4.28 ng	395042	Acenaphthene-d10	10.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	93
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90





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Operator : CG\JU
Sample : P2284-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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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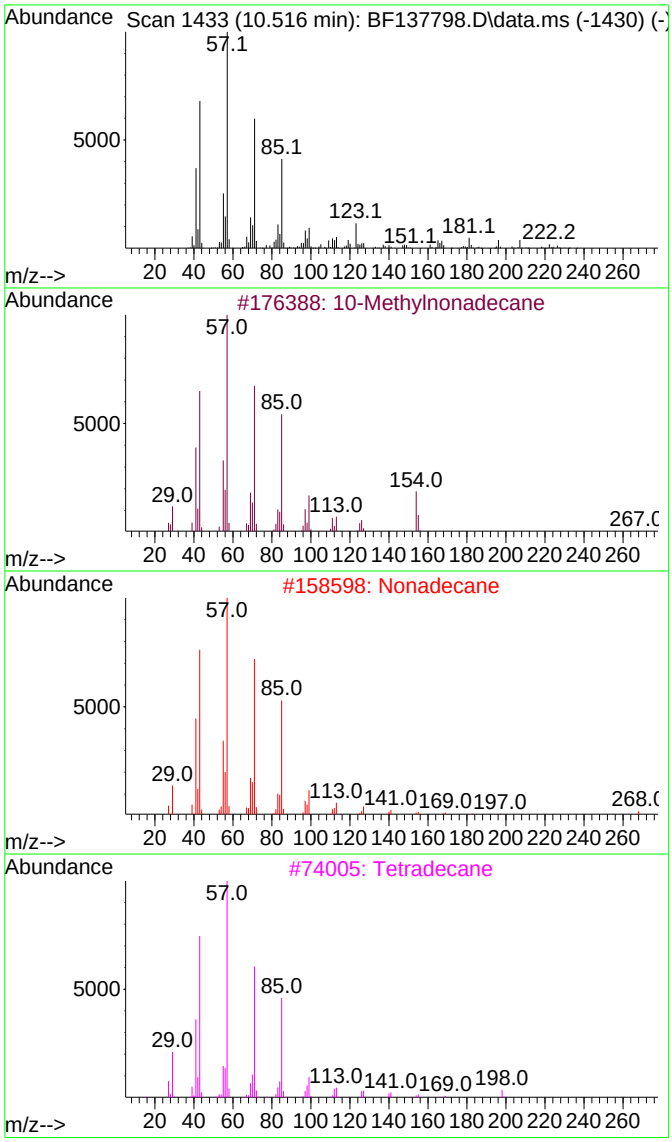
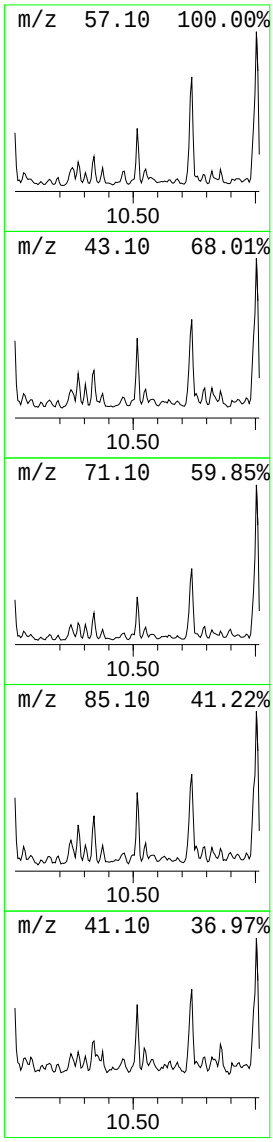
Peak Number 11 10-Methylnonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.516	5.95 ng	549548	Acenaphthene-d10	10.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	68
2	Nonadecane	268	C19H40	000629-92-5	68
3	Tetradecane	198	C14H30	000629-59-4	64
4	Pentadecane	212	C15H32	000629-62-9	64
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64





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Sample : P2284-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.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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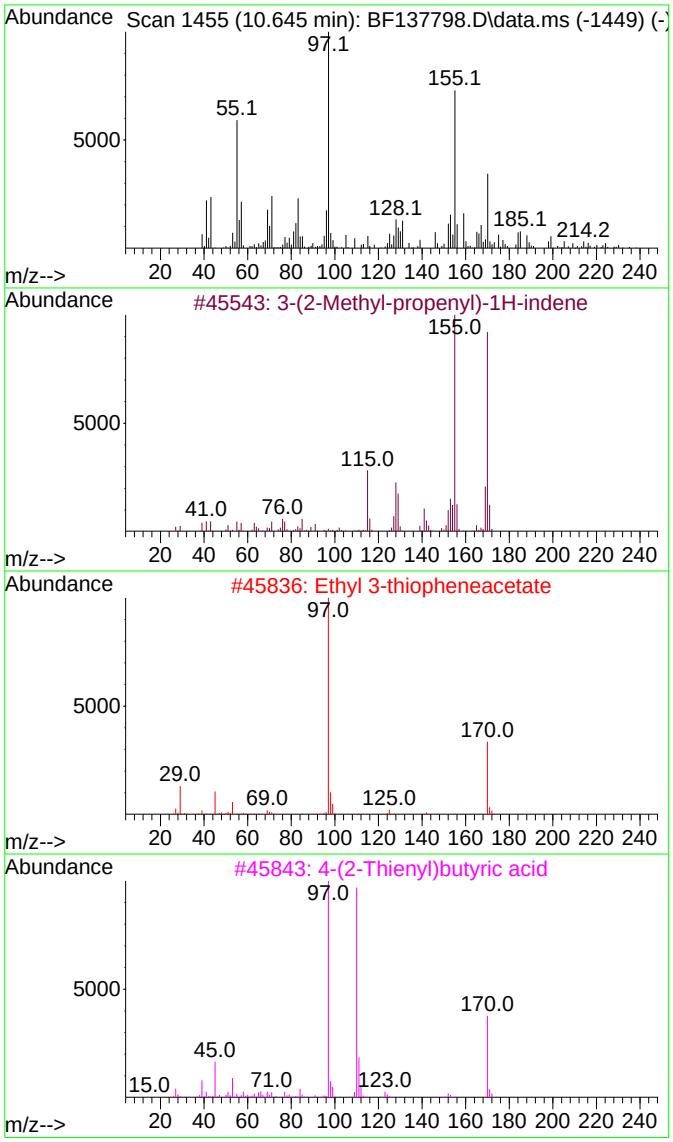
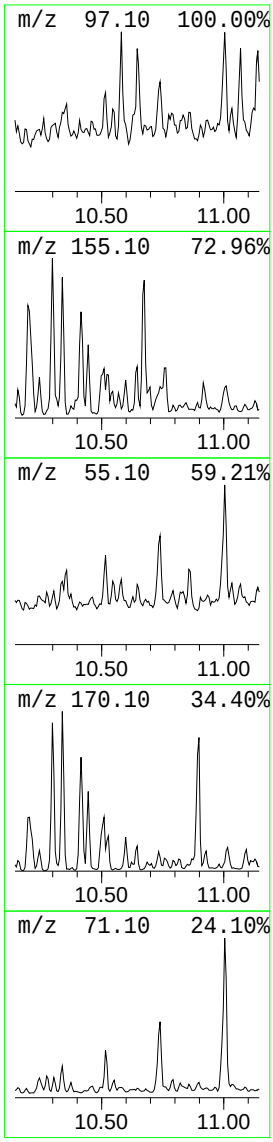
Peak Number 12 unknown10.645 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.645	3.92 ng	361956	Acenaphthene-d10	10.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	46
2	Ethyl 3-thiopheneacetate	170	C8H10O2S	037784-63-7	43
3	4-(2-Thienyl)butyric acid	170	C8H10O2S	004653-11-6	43
4	2-Thiophenepropanoic acid, methy...	170	C8H10O2S	016862-05-8	43
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	42





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Sample : P2284-02
Misc :
ALS Vial : 17 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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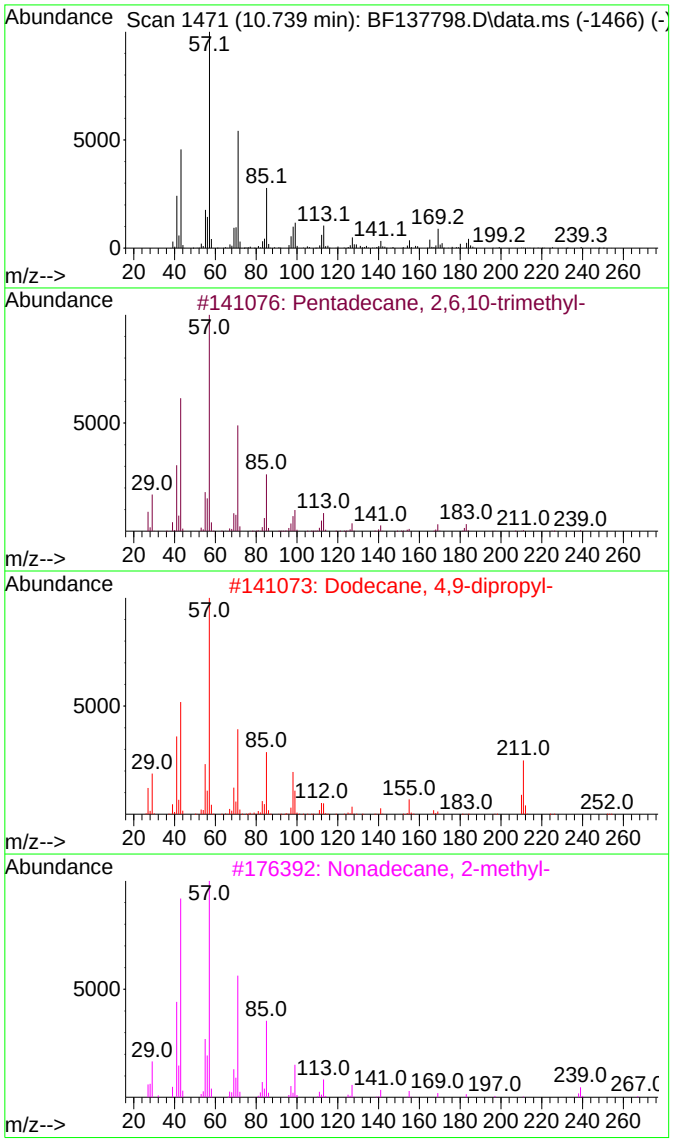
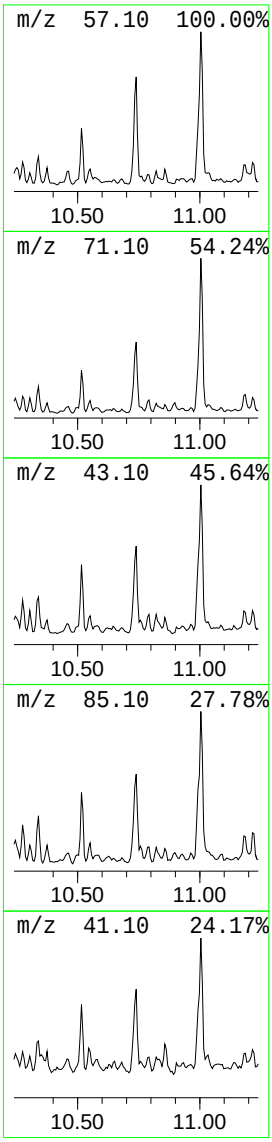
Peak Number 13 Pentadecane, 2,6,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.739	14.19 ng	1310620	Acenaphthene-d10	10.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	93
2	Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	76
3	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	72
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	68
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64





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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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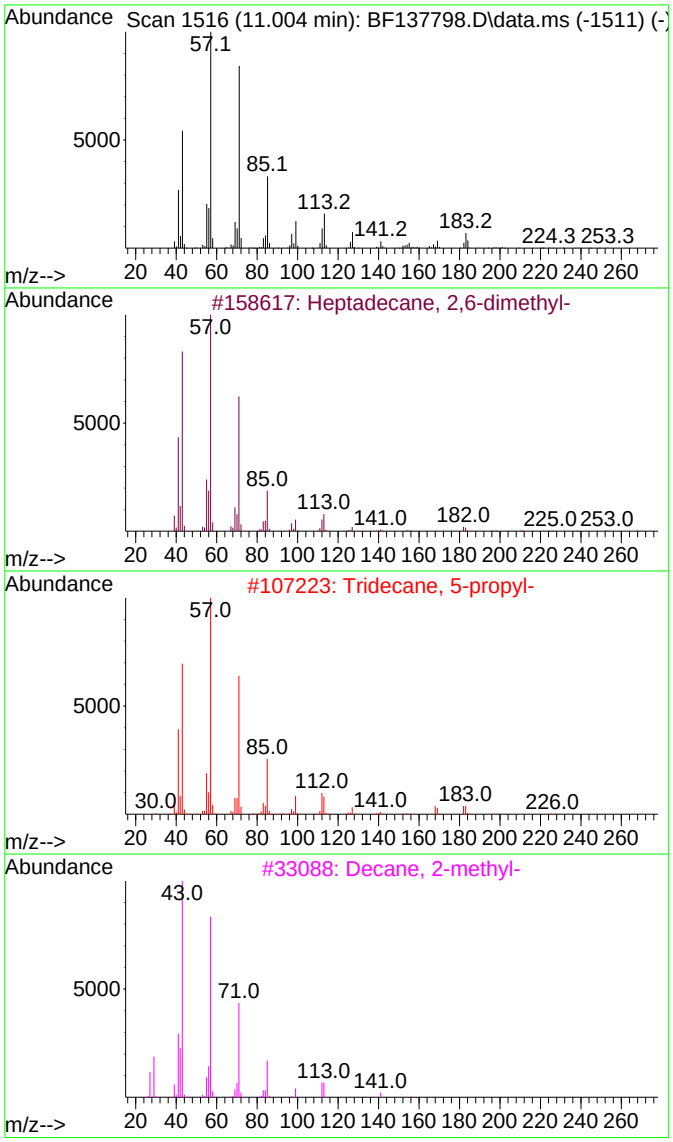
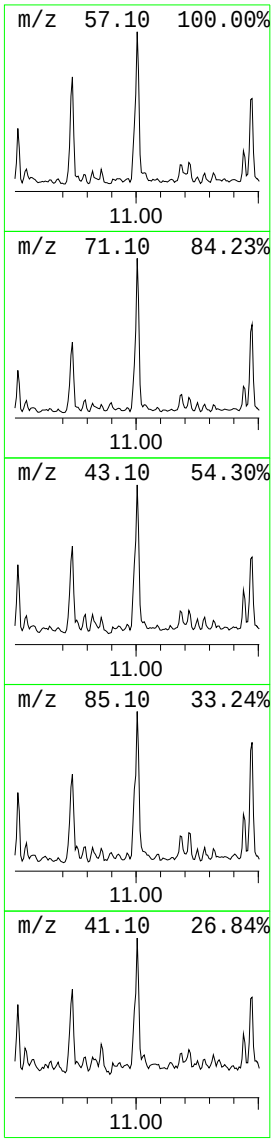
Peak Number 14 Heptadecane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.004	27.51 ng	2312490	Phenanthrene-d10	11.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	90
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
3	Decane, 2-methyl-	156	C11H24	006975-98-0	81
4	Heptacosane	380	C27H56	000593-49-7	80
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	76





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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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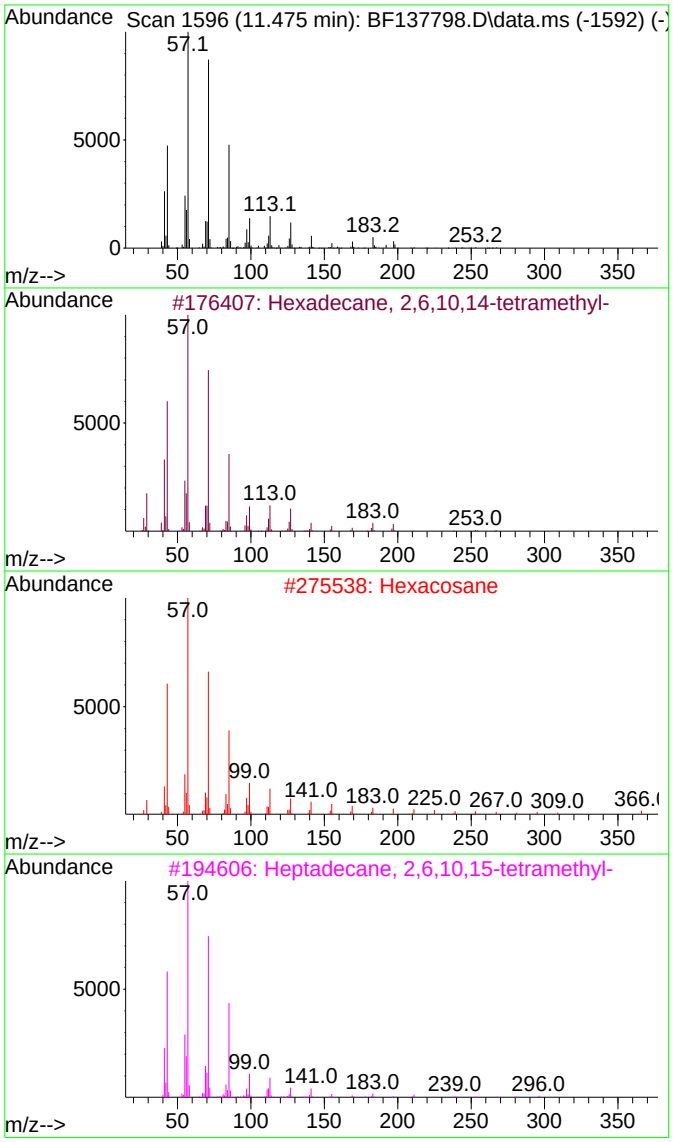
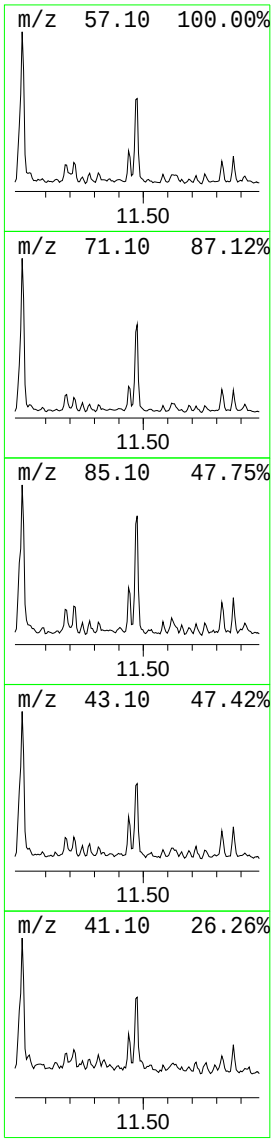
Peak Number 15 Hexadecane, 2,6,10,14-tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.475	10.42 ng	875845	Phenanthrene-d10	11.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	83
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	81





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ALS Vial : 17 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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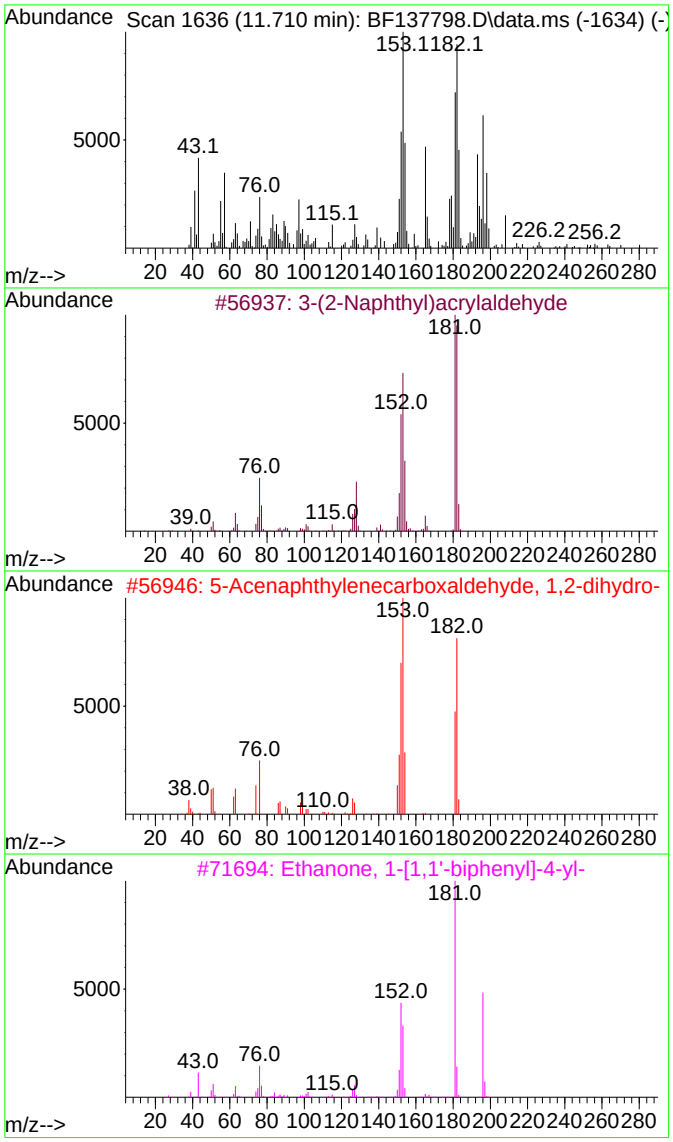
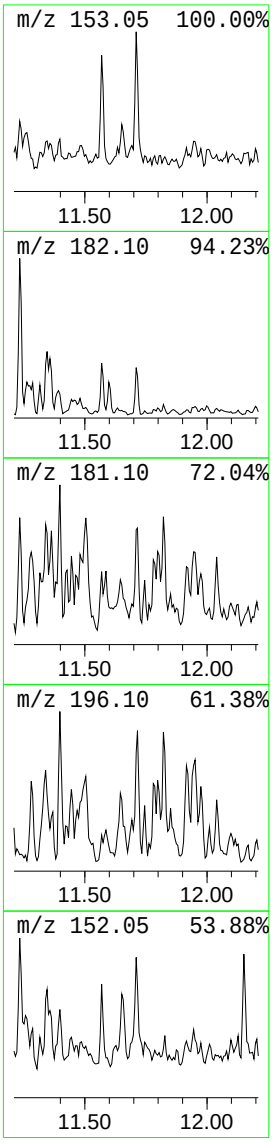
Peak Number 16 unknown11.710 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.710	4.63 ng	389483	Phenanthrene-d10	11.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	46
2	5-Acenaphthylenecarboxaldehyde, ...	182	C13H10O	1000362-64-3	43
3	Ethanone, 1-[1,1'-biphenyl]-4-yl-	196	C14H12O	000092-91-1	25
4	Benzene, 1-methyl-2-[(3-methylph...	196	C15H16	021895-13-6	25
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	25





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Acq On : 01 May 2024 18:24
Operator : CG\JU
Sample : P2284-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.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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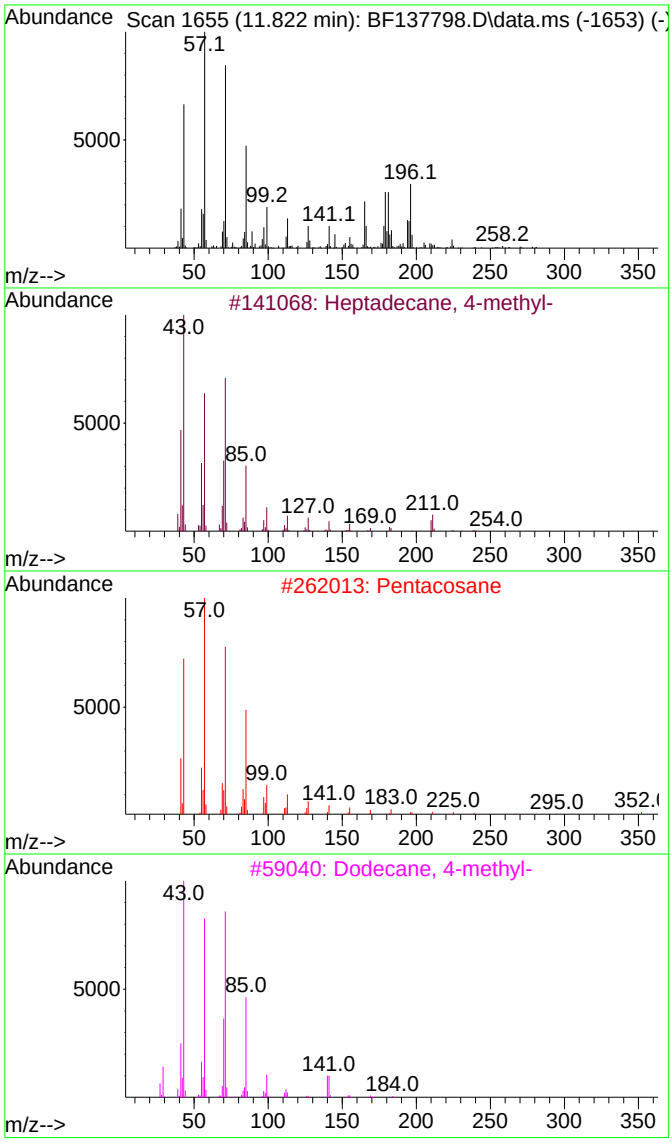
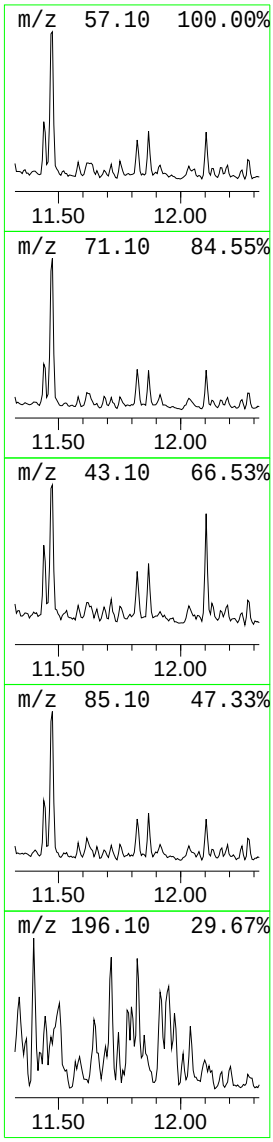
Peak Number 17 Heptadecane, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.822	5.35 ng	449658	Phenanthrene-d10	11.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	64
2	Pentacosane	352	C25H52	000629-99-2	45
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	45
4	Decane, 3-methyl-	156	C11H24	013151-34-3	45
5	Octadecane	254	C18H38	000593-45-3	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
Data File : BF137798.D
Acq On : 01 May 2024 18:24
Operator : CG\JU
Sample : P2284-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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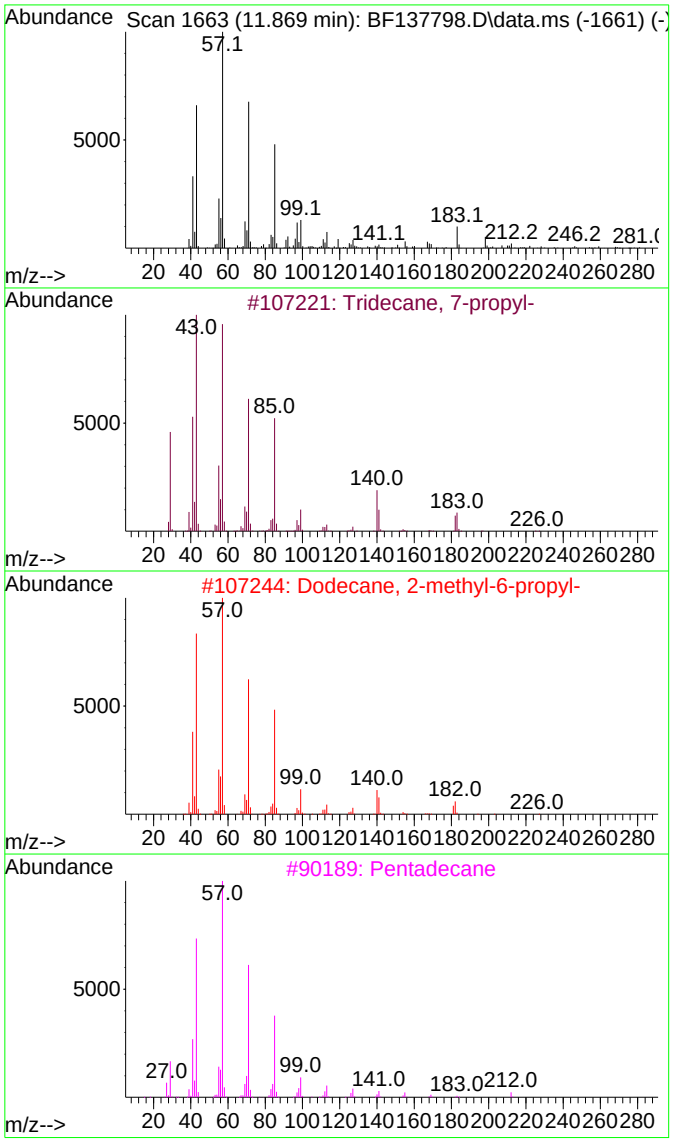
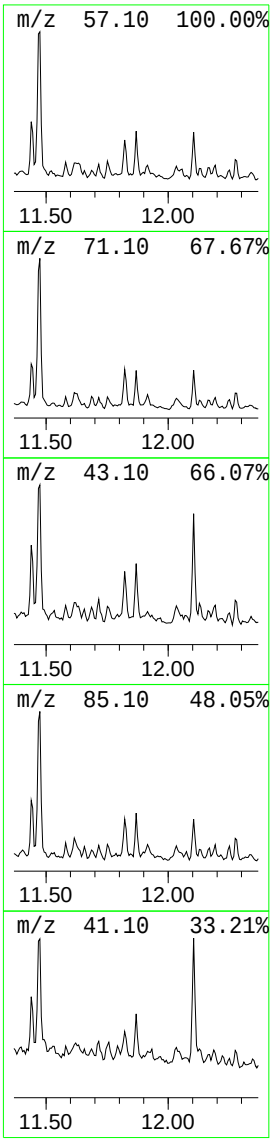
Peak Number 18 Tridecane, 7-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.869	3.51 ng	295064	Phenanthrene-d10	11.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-propyl-	226	C16H34	055045-09-5	91
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	89
3	Pentadecane	212	C15H32	000629-62-9	83
4	Tetradecane	198	C14H30	000629-59-4	81
5	Nonadecane	268	C19H40	000629-92-5	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
Data File : BF137798.D
Acq On : 01 May 2024 18:24
Operator : CG\JU
Sample : P2284-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.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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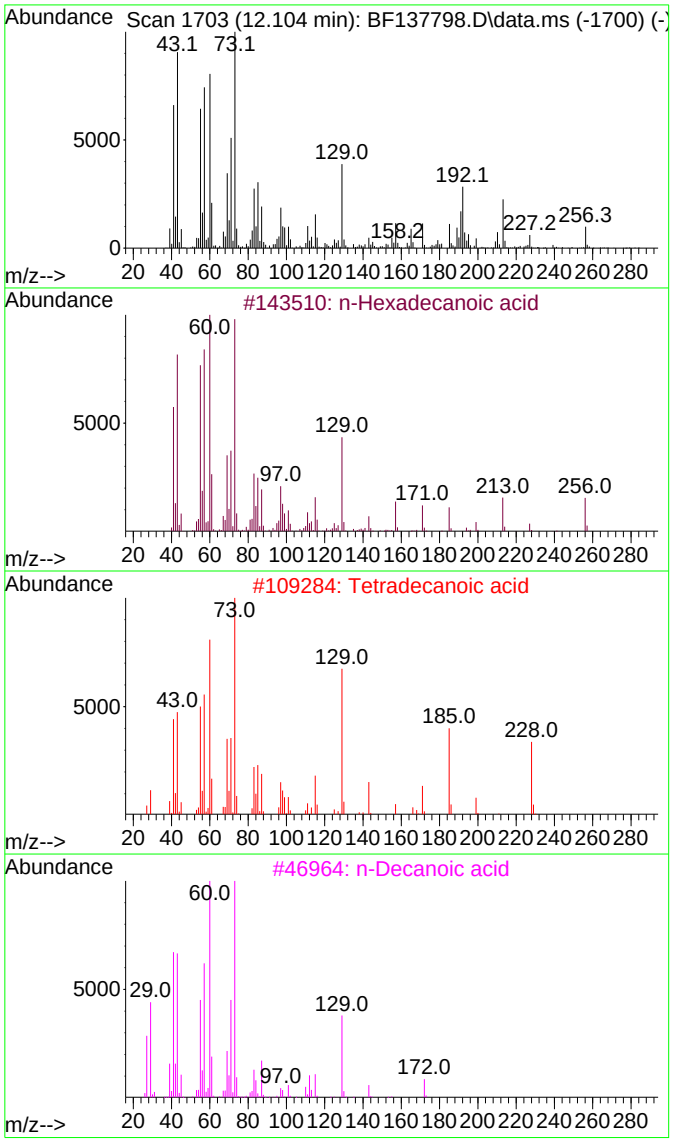
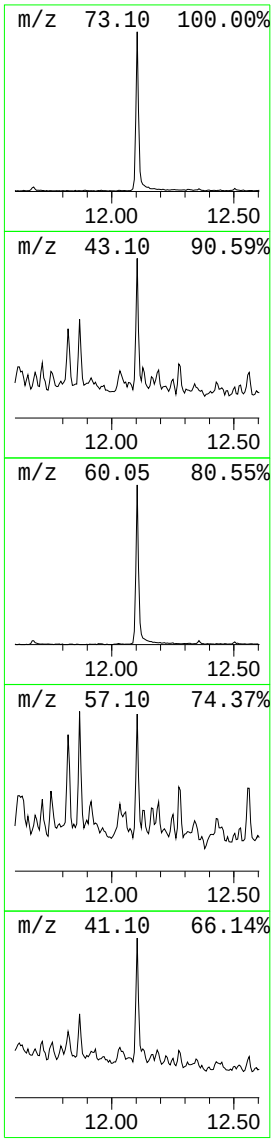
Peak Number 19 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	10.85 ng	912343	Phenanthrene-d10	11.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
3	n-Decanoic acid	172	C10H20O2	000334-48-5	76
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	Octadecanoic acid	284	C18H36O2	000057-11-4	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
Data File : BF137798.D
Acq On : 01 May 2024 18:24
Operator : CG\JU
Sample : P2284-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.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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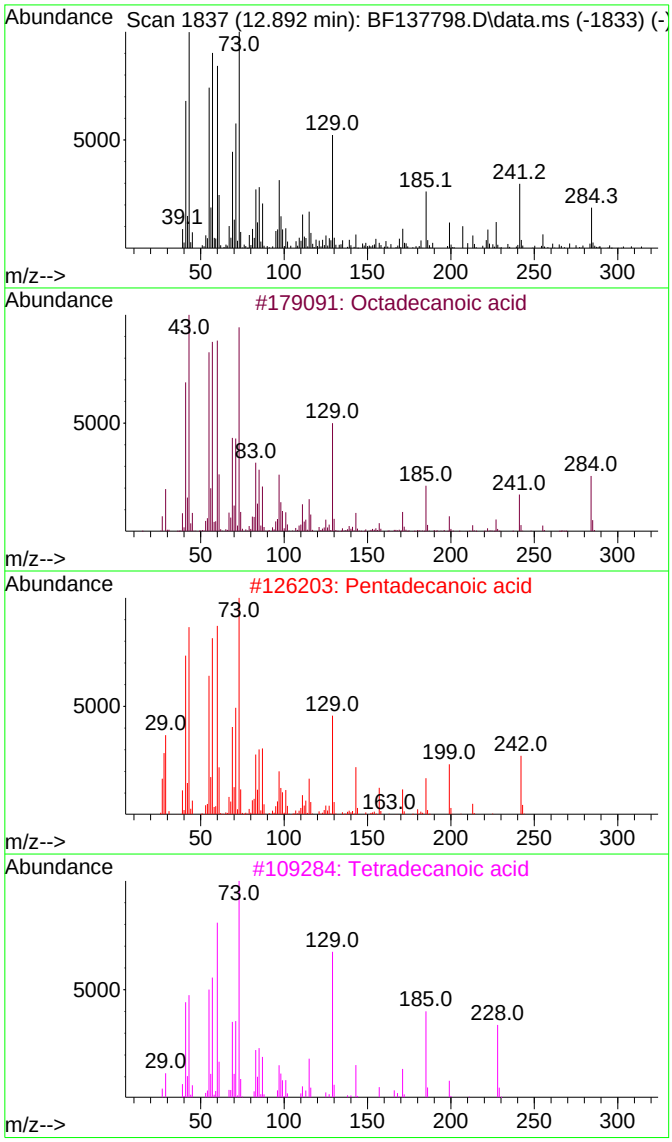
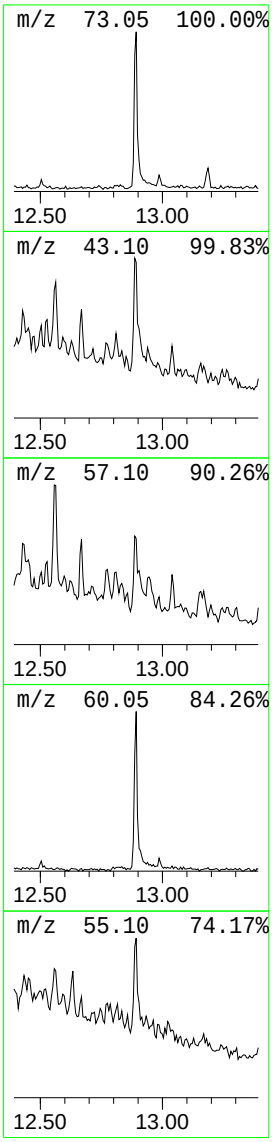
Peak Number 20 Octadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.892	4.10 ng	344803	Phenanthrene-d10	11.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	n-Decanoic acid	172	C10H20O2	000334-48-5	60
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
Data File : BF137798.D
Acq On : 01 May 2024 18:24
Operator : CG\JU
Sample : P2284-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.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
Butane, 2-metho...	2.428	18.3	ng	1050730	1	7.057	1150300	20.0
unknown8.622	8.622	5.4	ng	420883	2	8.339	1569660	20.0
Octane, 2,6-dim...	8.745	4.5	ng	356476	2	8.339	1569660	20.0
Tridecane	8.916	3.5	ng	276415	2	8.339	1569660	20.0
Dodecane, 2,7,1...	9.345	6.1	ng	562397	3	10.104	1847700	20.0
Tetradecane	9.481	7.7	ng	711561	3	10.104	1847700	20.0
Tridecane, 6-pr...	9.804	9.4	ng	871749	3	10.104	1847700	20.0
Pentadecane	10.016	5.8	ng	536164	3	10.104	1847700	20.0
Naphthalene, 2,...	10.339	6.4	ng	591259	3	10.104	1847700	20.0
Naphthalene, 1,...	10.416	4.3	ng	395042	3	10.104	1847700	20.0
10-Methylnonade...	10.516	6.0	ng	549548	3	10.104	1847700	20.0
unknown10.645	10.645	3.9	ng	361956	3	10.104	1847700	20.0
Pentadecane, 2,...	10.739	14.2	ng	1310620	3	10.104	1847700	20.0
Heptadecane, 2,...	11.004	27.5	ng	2312490	4	11.598	1681100	20.0
Hexadecane, 2,6...	11.475	10.4	ng	875845	4	11.598	1681100	20.0
unknown11.710	11.710	4.6	ng	389483	4	11.598	1681100	20.0
Heptadecane, 4-...	11.822	5.3	ng	449658	4	11.598	1681100	20.0
Tridecane, 7-pr...	11.869	3.5	ng	295064	4	11.598	1681100	20.0
n-Hexadecanoic ...	12.104	10.9	ng	912343	4	11.598	1681100	20.0
Octadecanoic acid	12.892	4.1	ng	344803	4	11.598	1681100	20.0