LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF136996.D
Acq On : 08 Jan 2024 14:17
Operator : CG\JU
Sample : P1038-02
Misc :
ALS Vial : 9 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-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136996.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.434	566	569	584	rVB	1209863	1057294	19.08%	0.873%
2	6.434	735	739	743	rBV	855789	777330	14.03%	0.642%
3	6.616	765	770	773	rBV2	560603	590635	10.66%	0.487%
4	6.787	796	799	801	rVV2	485363	478843	8.64%	0.395%
5	7.051	842	844	847	rVB	450173	423487	7.64%	0.350%
6	7.098	847	852	854	rBV2	492792	610543	11.02%	0.504%
7	7.169	859	864	867	rBV2	479322	529378	9.55%	0.437%
8	7.316	884	889	891	rVV	670563	771382	13.92%	0.637%
9	7.351	891	895	897	rVV2	1646992	1873523	33.81%	1.546%
10	7.375	897	899	902	rVB	1547843	1290493	23.29%	1.065%
11	7.428	902	908	911	rBV3	392516	545590	9.85%	0.450%
12	7.551	927	929	931	rVV2	440817	425319	7.68%	0.351%
13	7.575	931	933	937	rVB	587653	520626	9.40%	0.430%
14	7.716	954	957	958	rVV2	374735	424332	7.66%	0.350%
15	7.734	958	960	964	rVB3	675316	782597	14.12%	0.646%
16	7.781	964	968	969	rBV2	460250	523764	9.45%	0.432%
17	7.798	969	971	975	rVV3	1234294	1554649	28.06%	1.283%
18	7.898	986	988	991	rVB	504898	429369	7.75%	0.354%
19	8.045	1001	1013	1017	rBV3	2823279	4576997	82.60%	3.778%
20	8.087	1017	1020	1022	rVV2	754663	845592	15.26%	0.698%
21	8.110	1022	1024	1025	rVV	613397	582778	10.52%	0.481%
22	8.122	1025	1026	1028	rVB	973851	522332	9.43%	0.431%
23	8.257	1047	1049	1052	rVB3	657784	632768	11.42%	0.522%
24	8.304	1052	1057	1060	rBV3	401296	553230	9.98%	0.457%
25	8.357	1060	1066	1072	rVB5	620547	1266914	22.86%	1.046%
26	8.445	1078	1081	1084	rVB3	981049	1043011	18.82%	0.861%
27	8.487	1084	1088	1090	rBV	1447005	1403106	25.32%	1.158%
28	8.528	1093	1095	1098	rVB	493658	468307	8.45%	0.387%
29	8.569	1098	1102	1105	rBV2	1466923	1371783	24.76%	1.132%
30	8.663	1113	1118	1121	rBV2	3100851	3190087	57.57%	2.633%
31	8.728	1126	1129	1131	rVB3	494999	457768	8.26%	0.378%
32	8.787	1135	1139	1141	rVB	2304675	2162574	39.03%	1.785%
33	8.887	1146	1156	1159	rBV2	2049667	3123146	56.37%	2.578%
34	9.022	1175	1179	1182	rVB3	744388	1064048	19.20%	0.878%
35	9.063	1183	1186	1188	rVV2	527330	486077	8.77%	0.401%
36	9.087	1188	1190	1192	rVV2	1359698	1259050	22.72%	1.039%

LSC Area Percent Report

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Operator : CG\JU
Sample : P1038-02
Misc :
ALS Vial : 9 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-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.145	1195	1200	1204	rVB	2573089	2446104	44.15%	2.019%
38	9.234	1209	1215	1219	rBV2	3513901	4510964	81.41%	3.723%
39	9.298	1223	1226	1228	rVB2	625074	675753	12.20%	0.558%
40	9.339	1231	1233	1239	rVB	905325	1044963	18.86%	0.862%
41	9.416	1239	1246	1249	rBV2	1734495	2610633	47.12%	2.155%
42	9.487	1251	1258	1261	rBV2	2183204	3713104	67.01%	3.065%
43	9.516	1261	1263	1265	rVV	1488789	1534076	27.69%	1.266%
44	9.545	1265	1268	1270	rVV2	1794702	2114388	38.16%	1.745%
45	9.569	1270	1272	1275	rVB2	995889	904967	16.33%	0.747%
46	9.604	1275	1278	1282	rBV3	1710238	1714556	30.94%	1.415%
47	9.686	1289	1292	1296	rBV2	817993	735059	13.27%	0.607%
48	9.734	1297	1300	1301	rVV	417203	402530	7.26%	0.332%
49	9.763	1301	1305	1308	rVV	3622768	3712141	67.00%	3.064%
50	9.804	1308	1312	1314	rVV4	916861	1326604	23.94%	1.095%
51	9.863	1320	1322	1324	rVV3	721406	658113	11.88%	0.543%
52	9.886	1324	1326	1331	rVB5	357235	494112	8.92%	0.408%
53	9.934	1331	1334	1338	rVB	1228571	1425032	25.72%	1.176%
54	9.986	1338	1343	1346	rBV5	698732	1261986	22.78%	1.042%
55	10.034	1346	1351	1355	rVV3	1294374	2328657	42.03%	1.922%
56	10.075	1355	1358	1362	rVV3	1850374	2257590	40.74%	1.863%
57	10.116	1363	1365	1367	rVB	643963	473931	8.55%	0.391%
58	10.145	1367	1370	1373	rBV	1058774	1217347	21.97%	1.005%
59	10.175	1373	1375	1377	rVV	906237	748050	13.50%	0.617%
60	10.239	1382	1386	1387	rBV2	747267	957759	17.29%	0.790%
61	10.263	1387	1390	1393	rVV	3243799	3632104	65.55%	2.998%
62	10.286	1393	1394	1397	rVV3	406560	392997	7.09%	0.324%
63	10.316	1397	1399	1400	rVV2	465772	464678	8.39%	0.384%
64	10.369	1404	1408	1410	rBV3	689264	884923	15.97%	0.730%
65	10.392	1410	1412	1415	rVV2	570921	780199	14.08%	0.644%
66	10.445	1419	1421	1422	rVV	752184	591920	10.68%	0.489%
67	10.481	1422	1427	1432	rVV2	1933999	3347699	60.42%	2.763%
68	10.534	1433	1436	1439	rVV3	733690	873534	15.77%	0.721%
69	10.563	1439	1441	1444	rVV2	504797	575029	10.38%	0.475%
70	10.598	1444	1447	1449	rVV3	961837	821037	14.82%	0.678%
71	10.628	1449	1452	1455	rVV3	1212700	1360447	24.55%	1.123%
72	10.657	1455	1457	1461	rVB4	408185	464224	8.38%	0.383%
73	10.739	1467	1471	1479	rVB2	3025263	5540896	100.00%	4.573%
74	10.822	1479	1485	1487	rBV5	407665	652859	11.78%	0.539%
75	10.928	1499	1503	1505	rBV2	722883	875454	15.80%	0.723%
76	10.963	1506	1509	1511	rVB	953767	858330	15.49%	0.708%

LSC Area Percent Report

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Operator : CG\JU
Sample : P1038-02
Misc :
ALS Vial : 9 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-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	11.057	1520	1525	1527	rBV4	481790	740089	13.36%	0.611%
78	11.186	1543	1547	1549	rBV	2129510	1893915	34.18%	1.563%
79	11.216	1549	1552	1558	rVB	1993640	2198740	39.68%	1.815%
80	11.322	1567	1570	1572	rBV	746007	647050	11.68%	0.534%
81	11.345	1572	1574	1581	rVB2	730831	1095564	19.77%	0.904%
82	11.433	1586	1589	1591	rVV3	529785	674291	12.17%	0.557%
83	11.457	1591	1593	1595	rVV2	535864	482773	8.71%	0.398%
84	11.492	1597	1599	1602	rVV	599165	563169	10.16%	0.465%
85	11.563	1607	1611	1616	rVV3	656475	855948	15.45%	0.706%
86	11.616	1616	1620	1622	rVV	1577572	1428867	25.79%	1.179%
87	11.651	1622	1626	1632	rVB5	362068	717238	12.94%	0.592%
88	11.775	1645	1647	1652	rVV2	371906	587757	10.61%	0.485%
89	11.828	1653	1656	1658	rVV	660267	774868	13.98%	0.640%
90	11.857	1658	1661	1667	rVV2	854135	1186268	21.41%	0.979%
91	11.910	1667	1670	1671	rVV	393161	445875	8.05%	0.368%
92	11.933	1672	1674	1676	rVV	675684	607477	10.96%	0.501%
93	11.957	1676	1678	1682	rVV2	435909	433248	7.82%	0.358%
94	12.022	1686	1689	1692	rBV	911347	827861	14.94%	0.683%
95	12.298	1733	1736	1739	rVV	544902	531520	9.59%	0.439%
96	12.375	1745	1749	1752	rBV2	542852	662776	11.96%	0.547%
97	12.410	1752	1755	1757	rVV2	600817	560639	10.12%	0.463%
98	12.780	1811	1818	1823	rVV6	429145	627115	11.32%	0.518%
99	12.916	1836	1841	1844	rBV	2352752	2238369	40.40%	1.847%
100	13.969	2017	2020	2024	rVB	441673	374986	6.77%	0.309%

Sum of corrected areas: 121159874

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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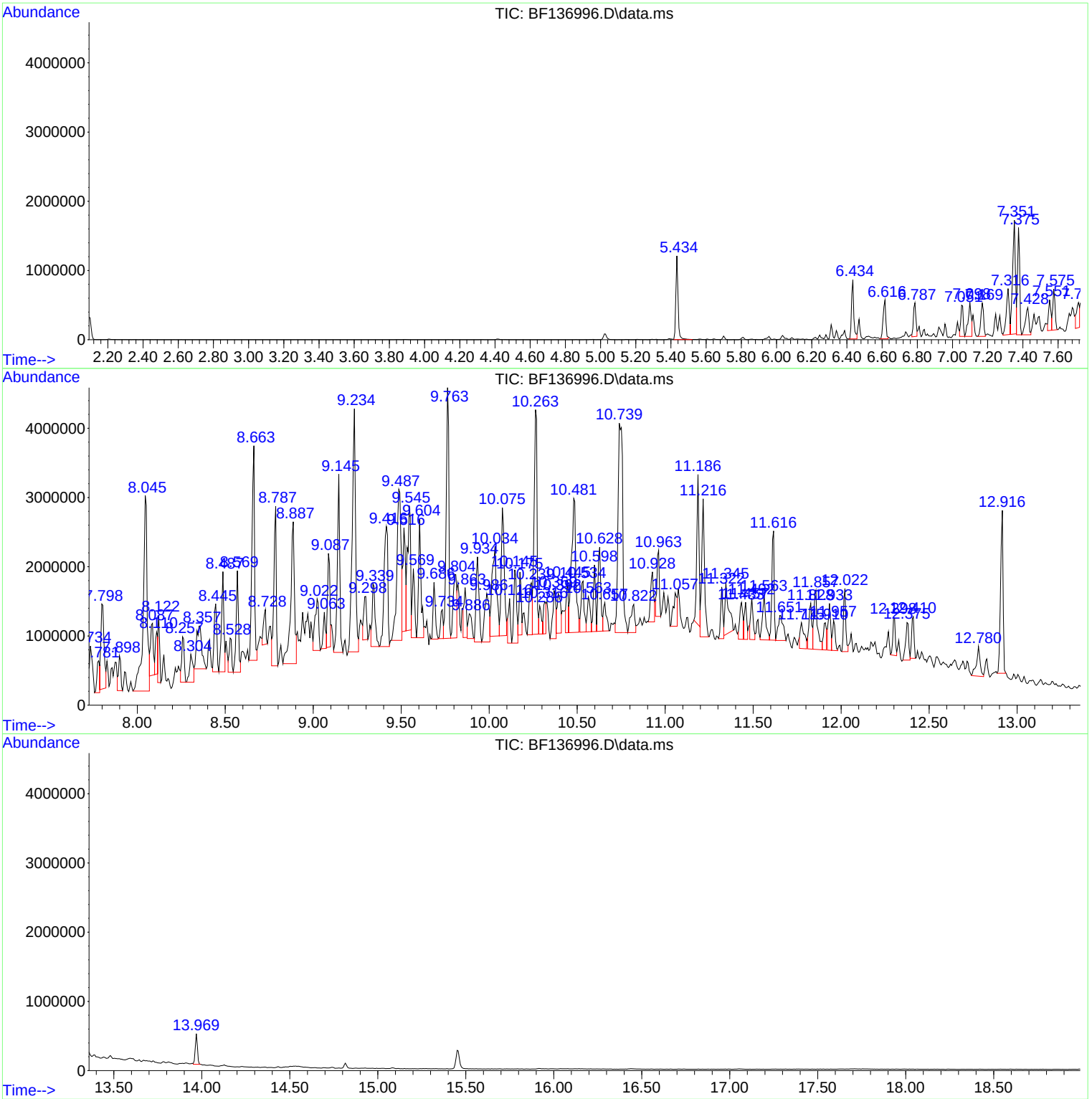
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF136996.D
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

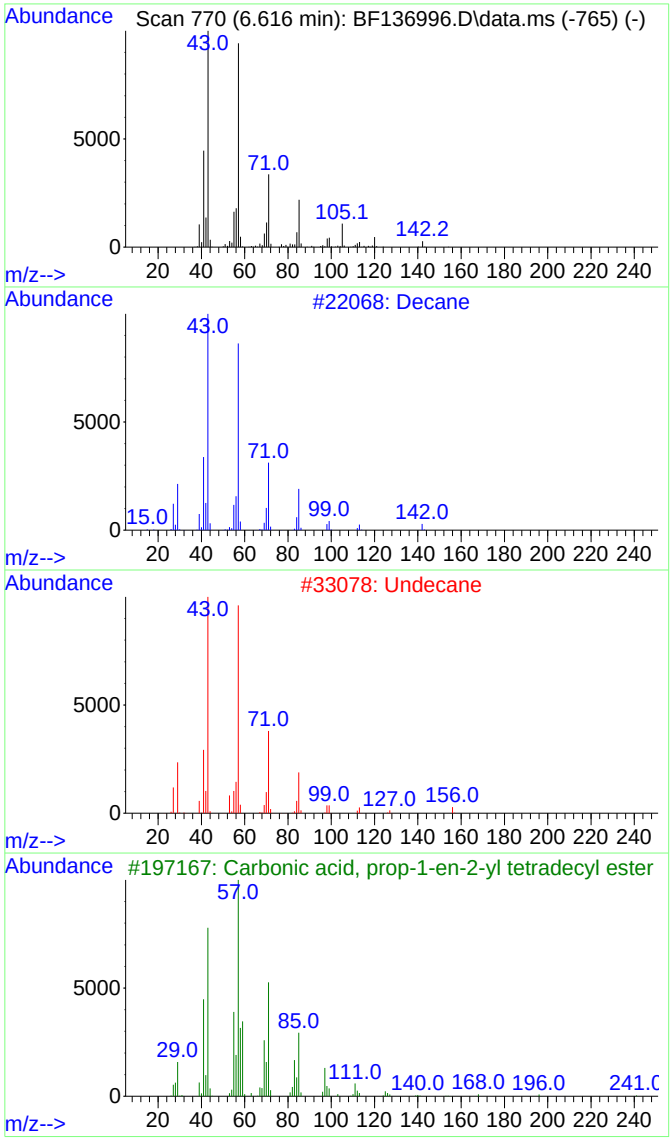
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

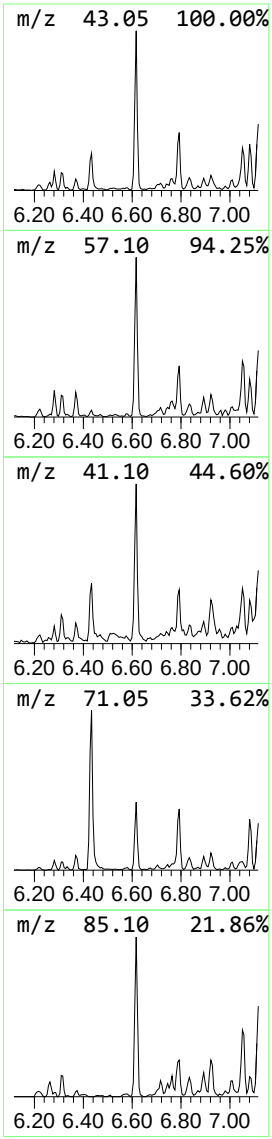
****

Peak Number 1 Decane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.616	24.67 ng	590635	1,4-Dichlorobenzene-d4	6.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	94
2	Undecane	156	C11H24	001120-21-4	72
3	Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	72
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	64
5	Carbonic acid, decyl vinyl ester	228	C13H24O3	1000383-25-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

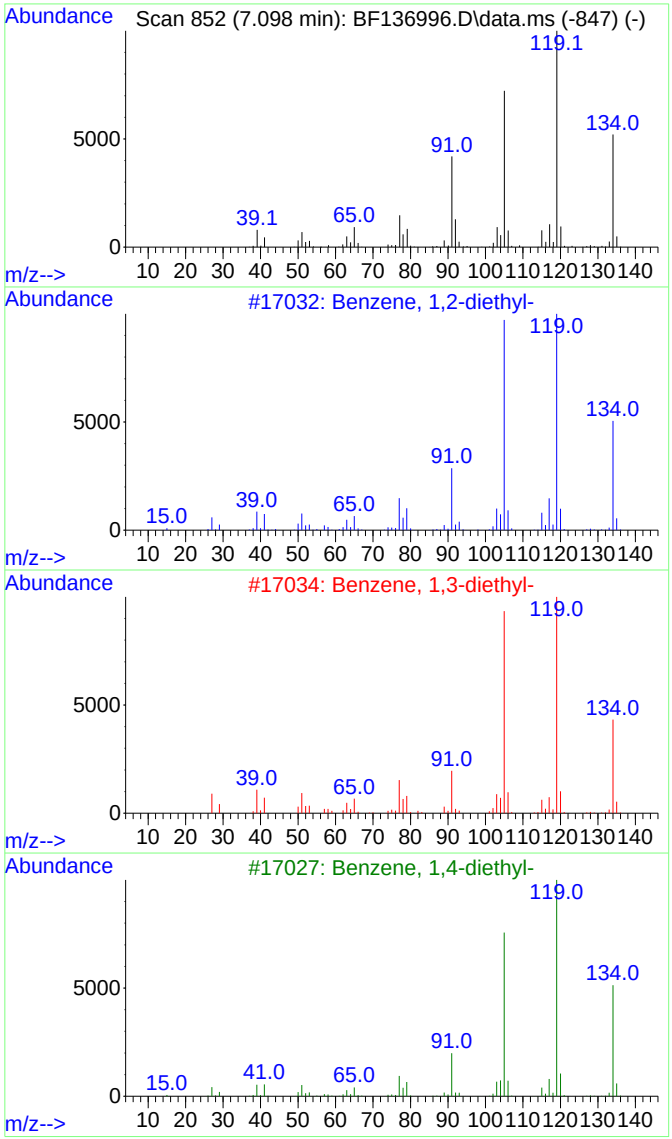
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

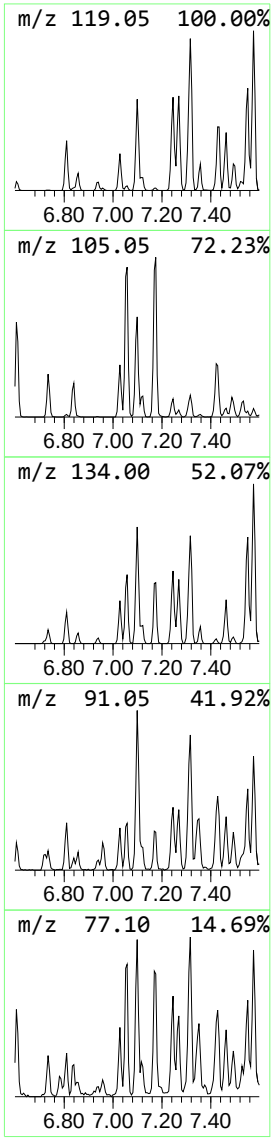
****

Peak Number 2 Benzene, 1,2-diethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.098	25.50 ng	610543	1,4-Dichlorobenzene-d4	6.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94





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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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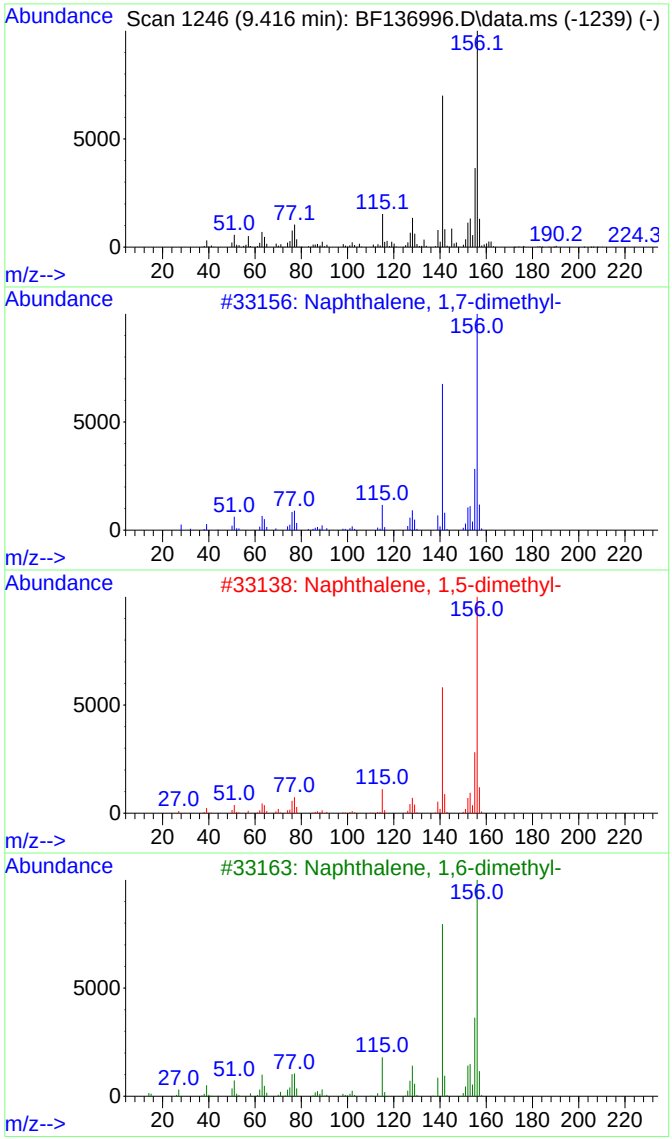
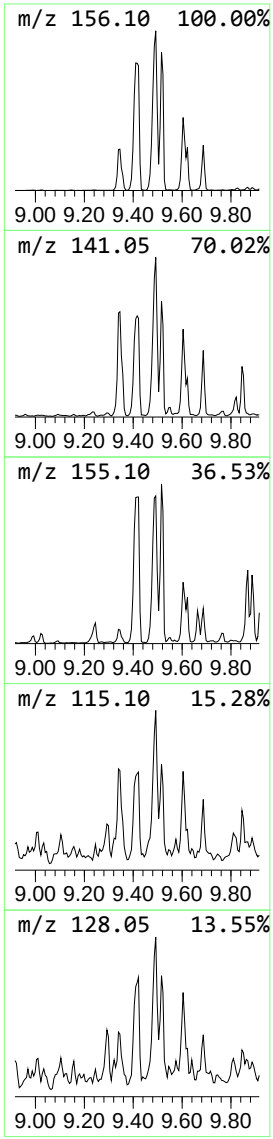
Peak Number 3 Naphthalene, 1,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.416	39.36 ng	2610630	Acenaphthene-d10	9.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF136996.D
Acq On : 08 Jan 2024 14:17
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Sample : P1038-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2

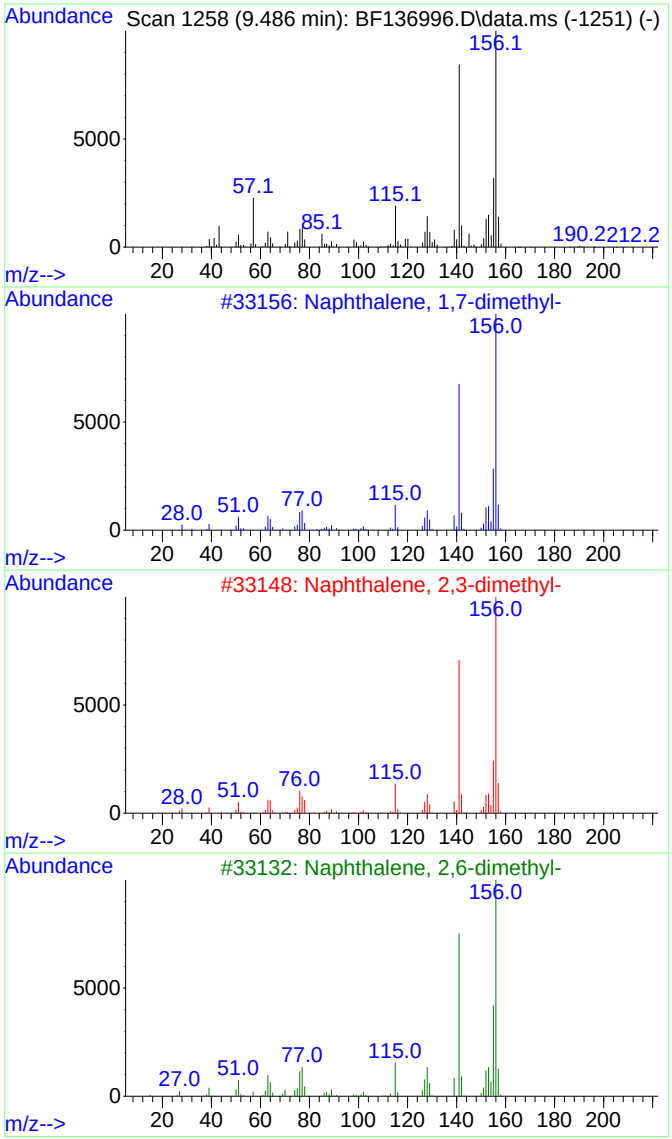
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

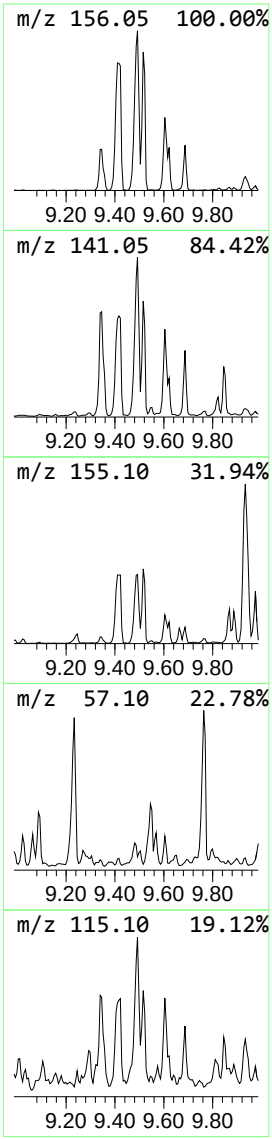
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.486	55.98 ng	3713100	Acenaphthene-d10	9.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF136996.D
Acq On : 08 Jan 2024 14:17
Operator : CG\JU
Sample : P1038-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

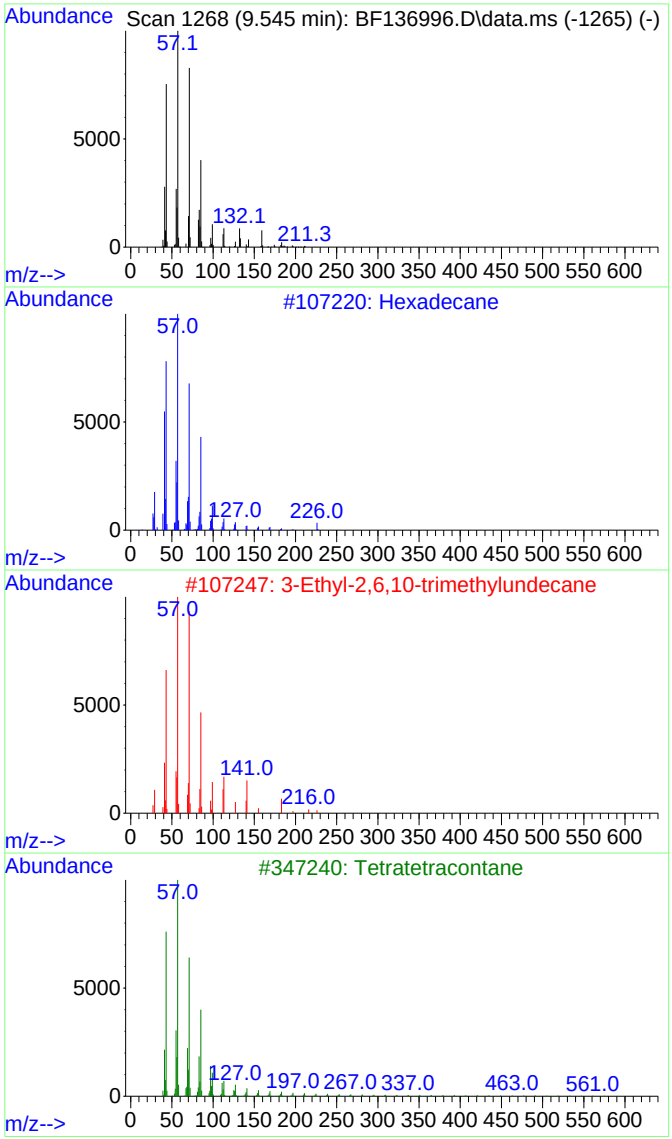
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

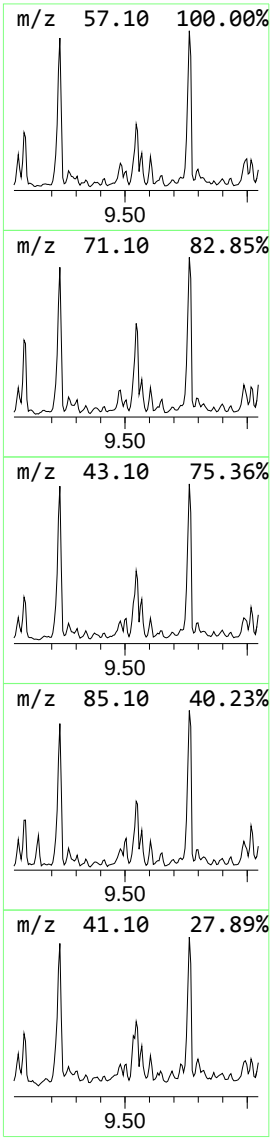
****

Peak Number 5 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.545	31.88 ng	2114390	Acenaphthene-d10	9.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	86
3	Tetratetracontane	619	C44H90	007098-22-8	86
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	86
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80





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Data File : BF136996.D
Acq On : 08 Jan 2024 14:17
Operator : CG\JU
Sample : P1038-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2

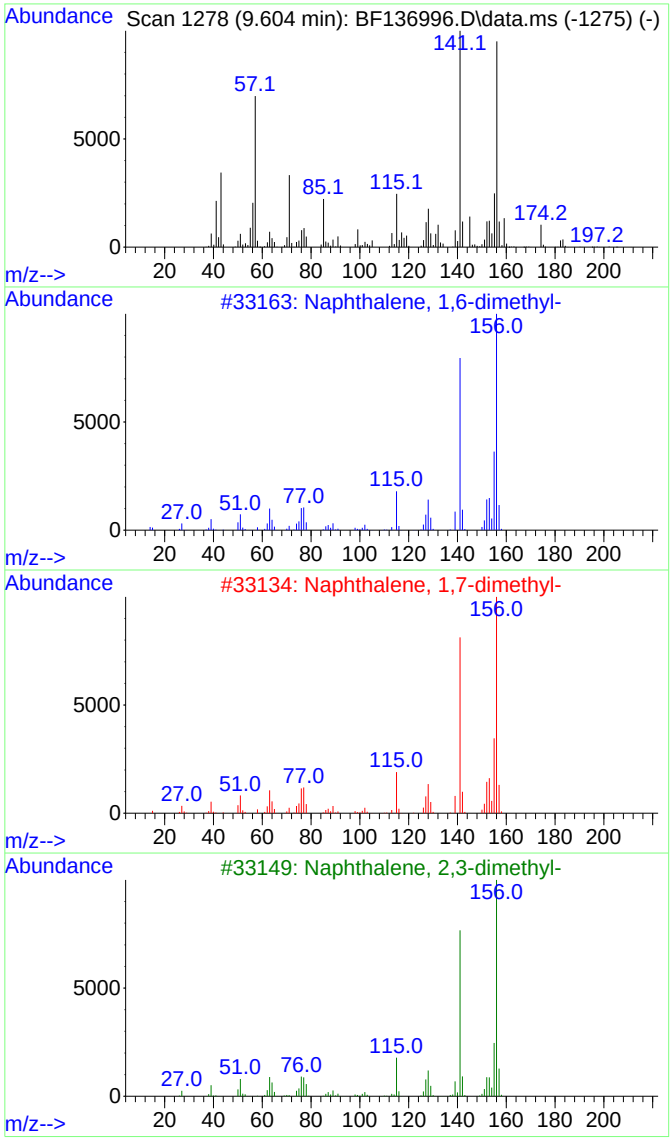
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

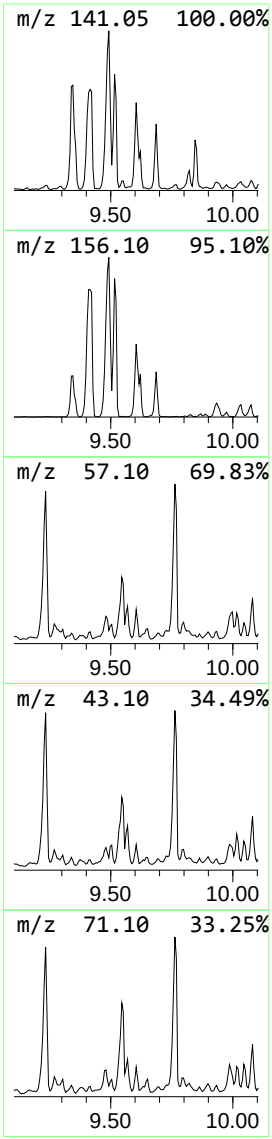
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 1,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.604	25.85 ng	1714560	Acenaphthene-d10	9.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





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Sample : P1038-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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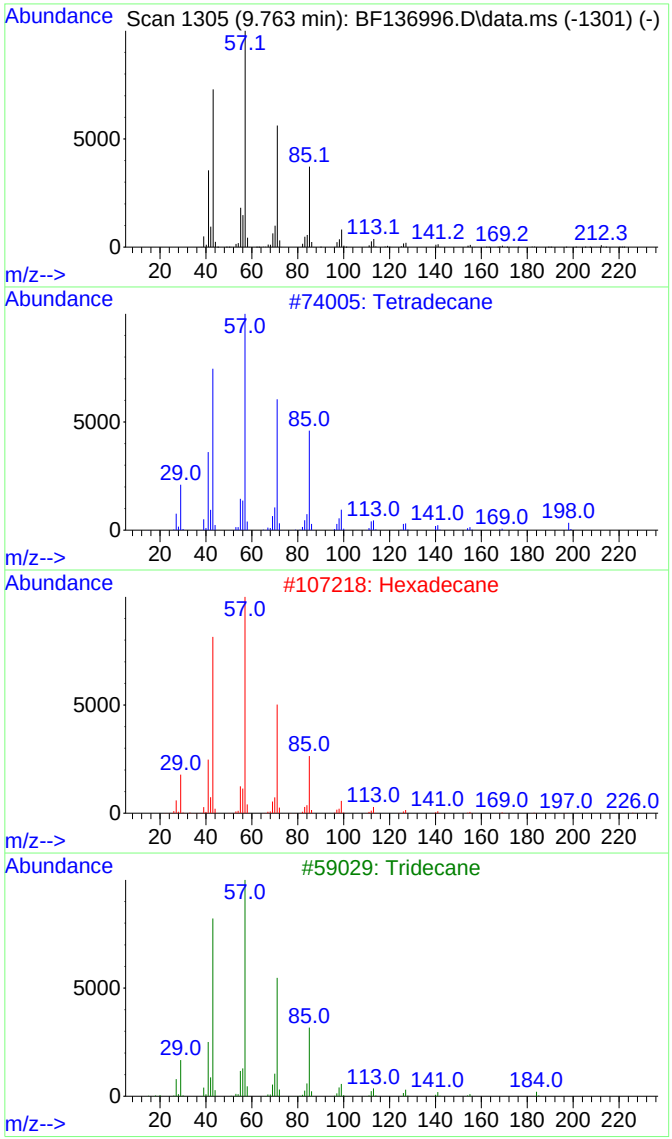
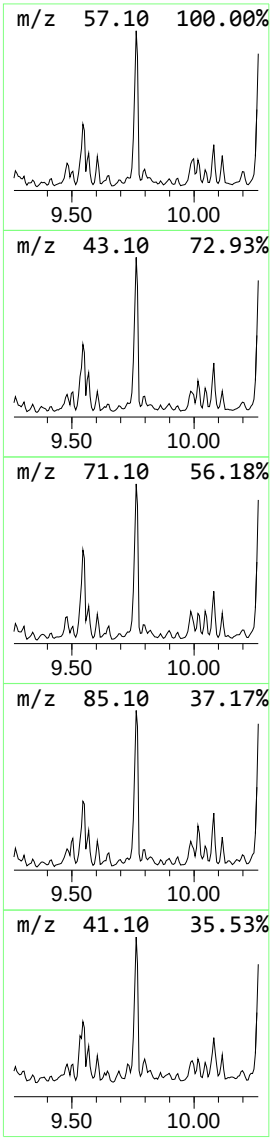
Peak Number 7 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.763	55.96 ng	3712140	Acenaphthene-d10	9.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tridecane	184	C13H28	000629-50-5	86
4	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80
5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	72





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Sample : P1038-02
Misc :
ALS Vial : 9 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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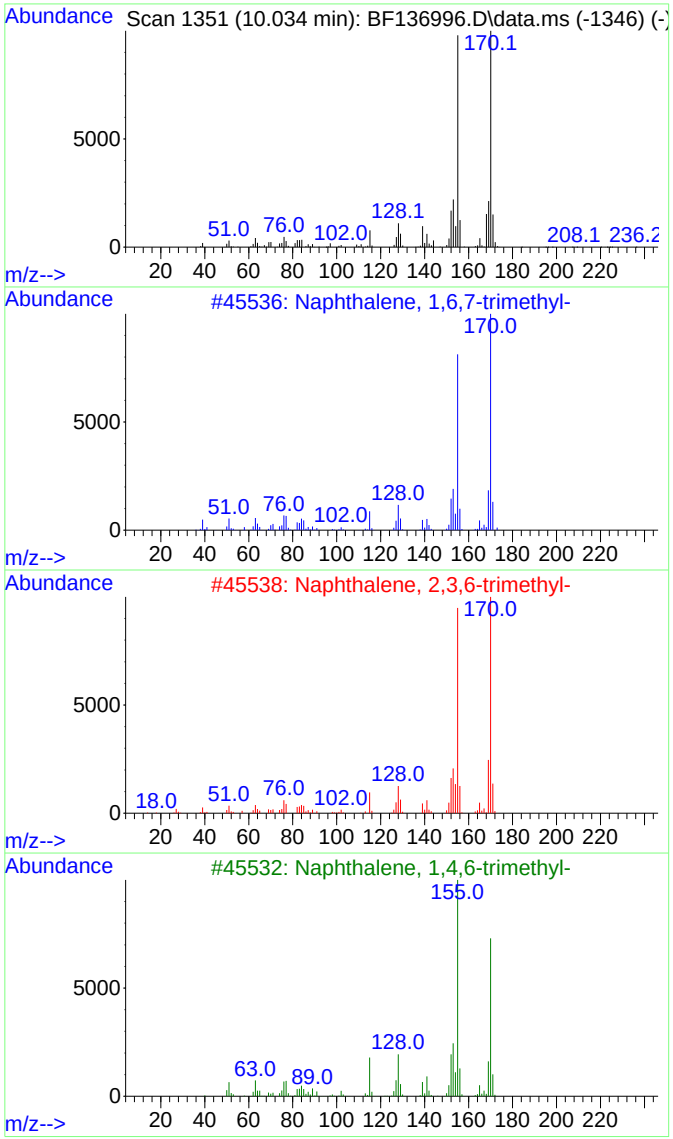
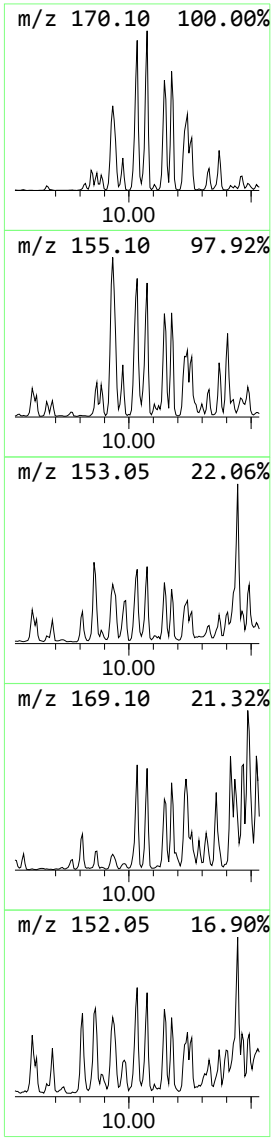
Peak Number 8 Naphthalene, 1,6,7-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.034	35.11 ng	2328660	Acenaphthene-d10	9.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	83





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Operator : CG\JU
Sample : P1038-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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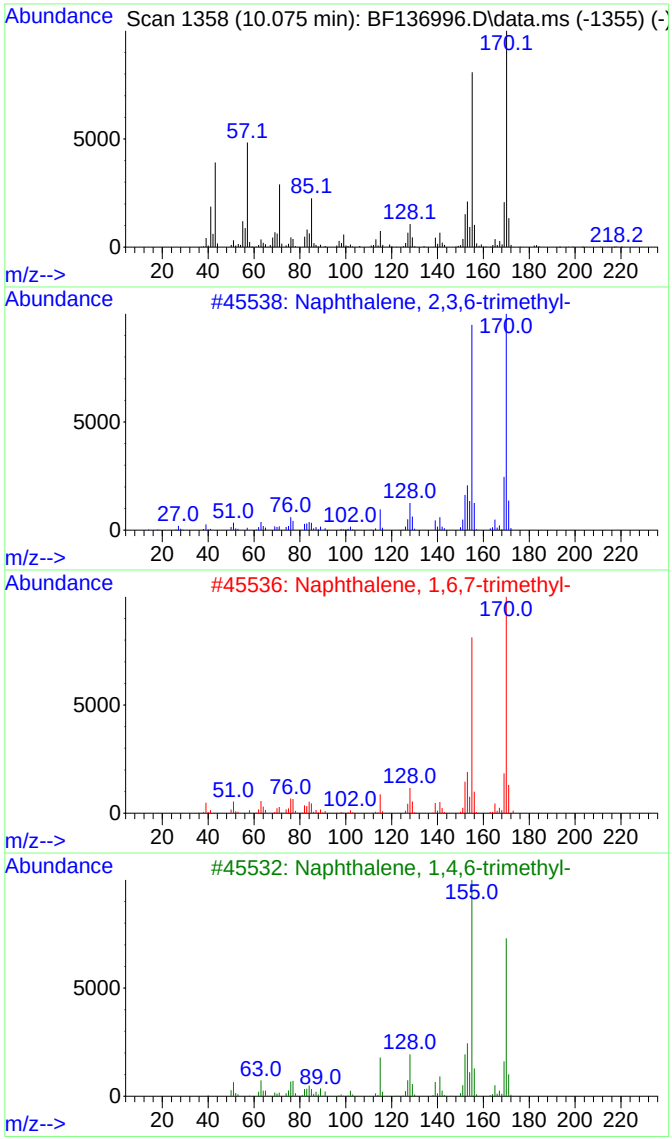
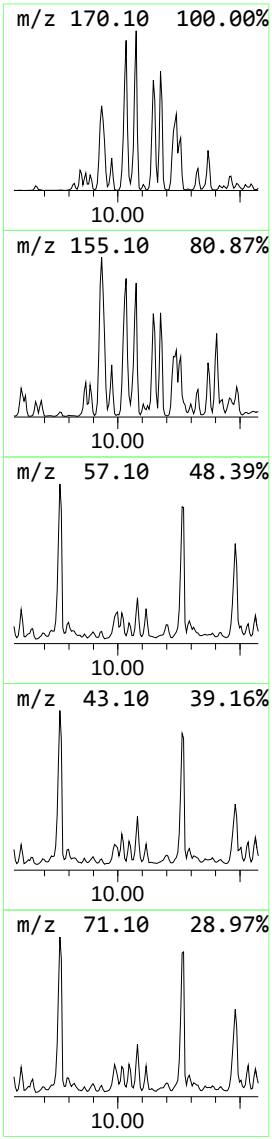
Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.075	34.04 ng	2257590	Acenaphthene-d10	9.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	87





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Sample : P1038-02
Misc :
ALS Vial : 9 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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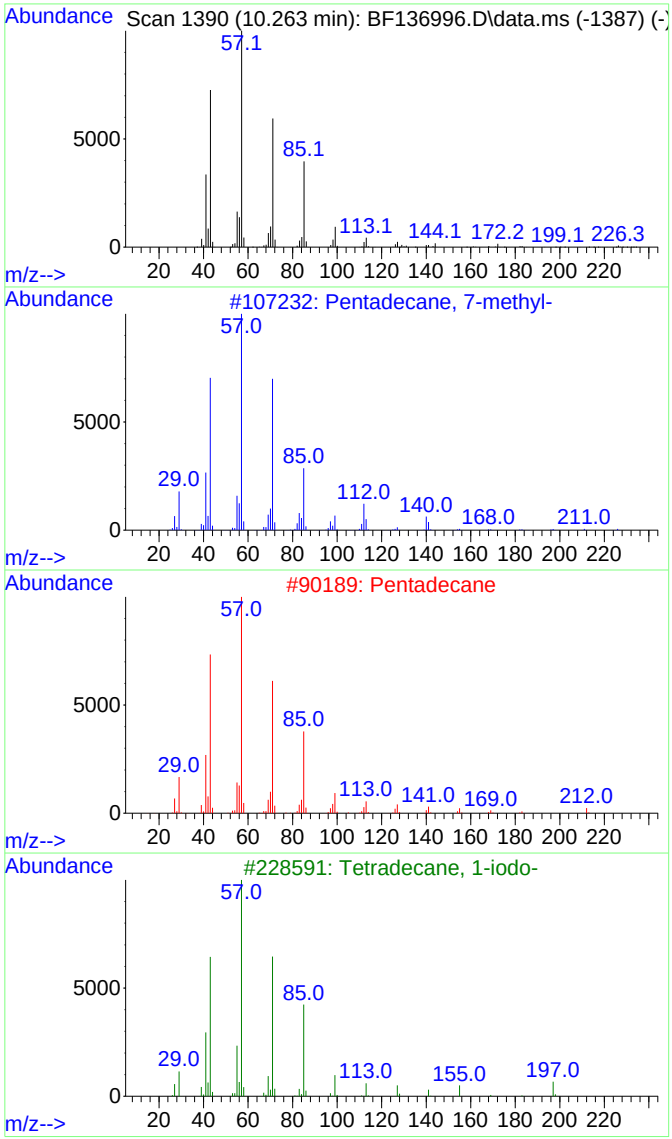
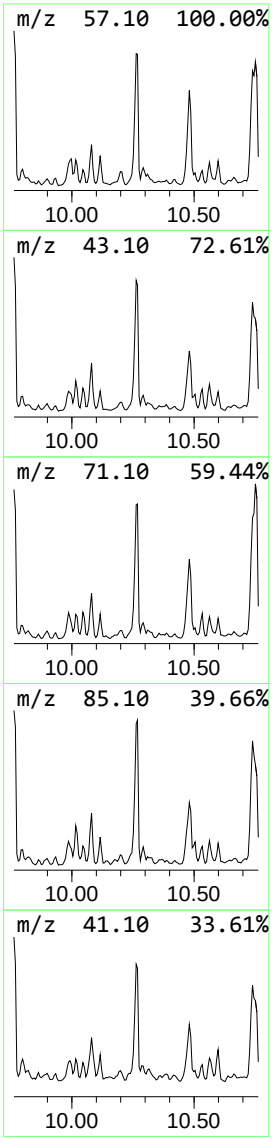
Peak Number 10 Pentadecane, 7-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.263	54.76 ng	3632100	Acenaphthene-d10	9.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
2	Pentadecane	212	C15H32	000629-62-9	83
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80





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Acq On : 08 Jan 2024 14:17
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Sample : P1038-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

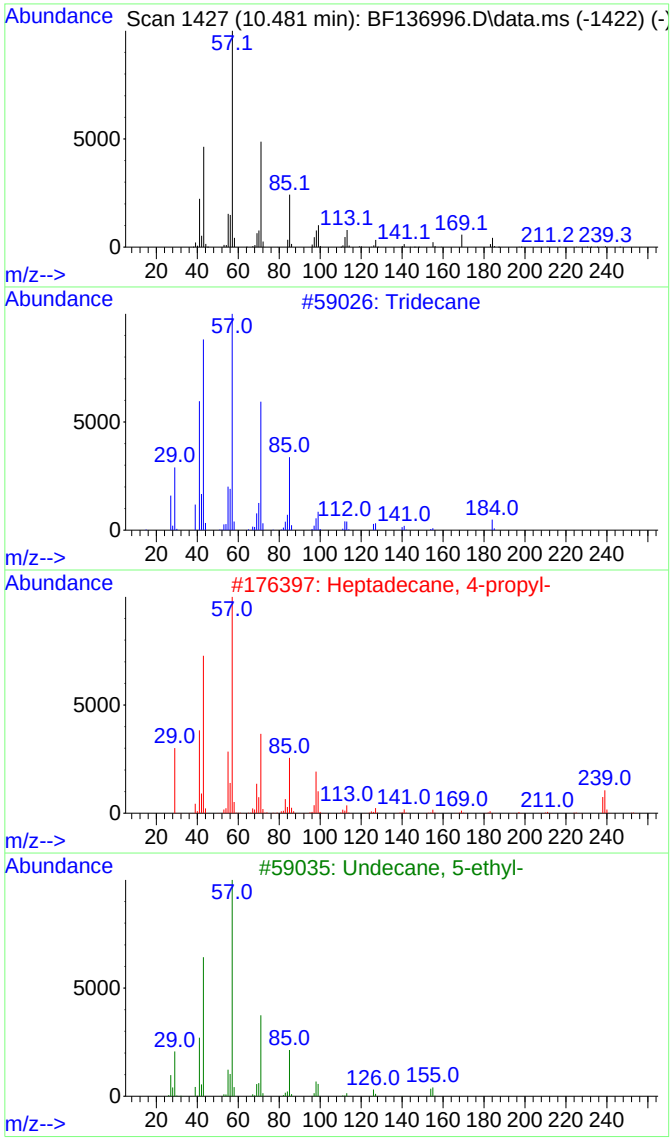
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

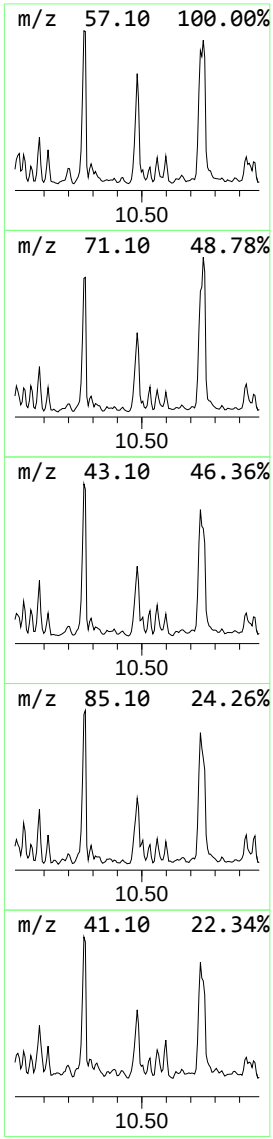
****

Peak Number 11 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.481	50.47 ng	3347700	Acenaphthene-d10	9.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	86
2	Heptadecane, 4-propyl-	282	C20H42	055044-10-5	72
3	Undecane, 5-ethyl-	184	C13H28	017453-94-0	64
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
5	Tetracosane	338	C24H50	000646-31-1	64





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Sample : P1038-02
Misc :
ALS Vial : 9 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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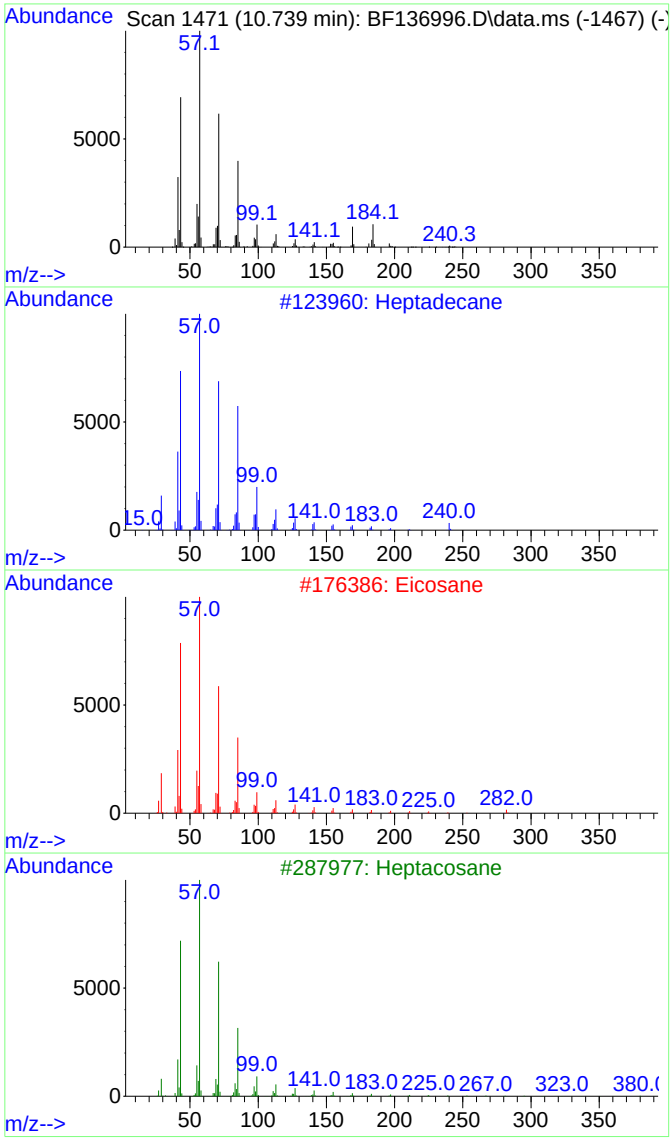
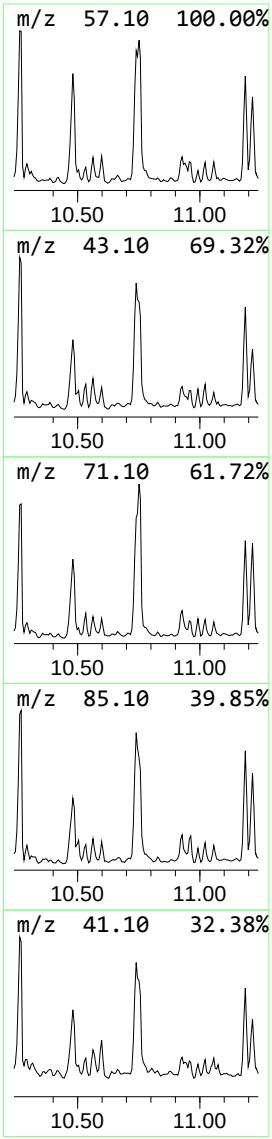
Peak Number 12 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.739	171.27 ng	5540900	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Eicosane	282	C20H42	000112-95-8	83
3	Heptacosane	380	C27H56	000593-49-7	83
4	Octacosane	394	C28H58	000630-02-4	80
5	Tridecane	184	C13H28	000629-50-5	80





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Sample : P1038-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-2

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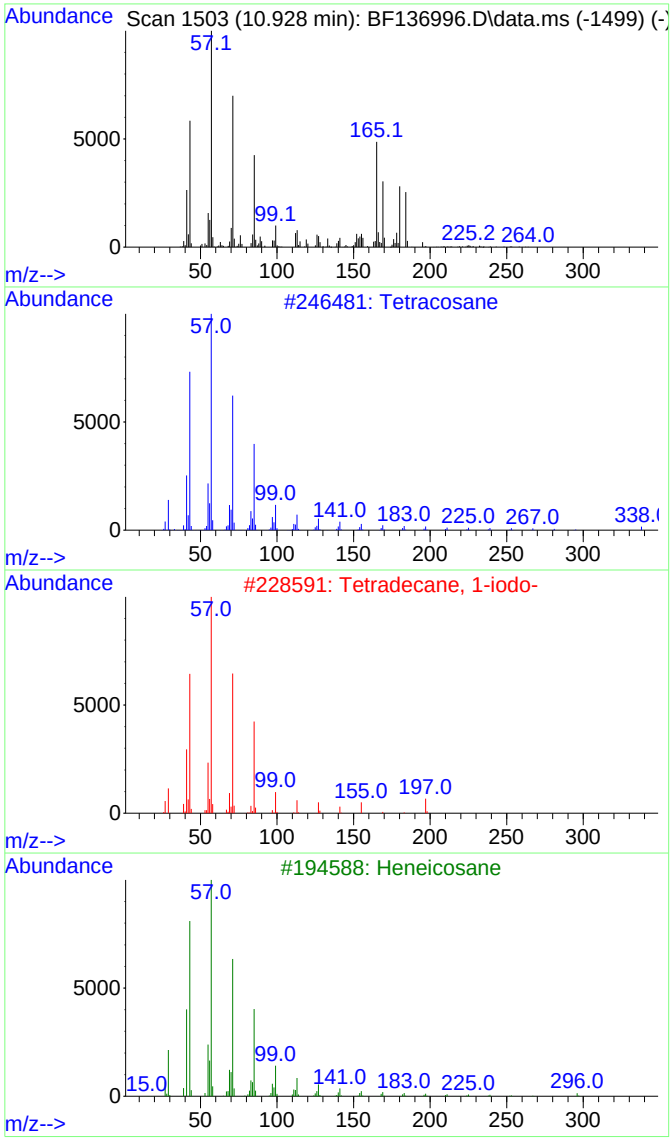
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

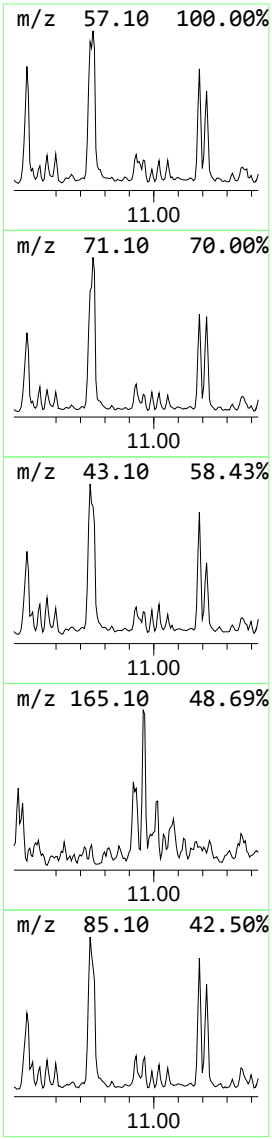
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 unknown10.928 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.928	27.06 ng	875454	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	45
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	43
3	Heneicosane	296	C21H44	000629-94-7	43
4	Octacosane	394	C28H58	000630-02-4	43
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	43





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Sample : P1038-02
Misc :
ALS Vial : 9 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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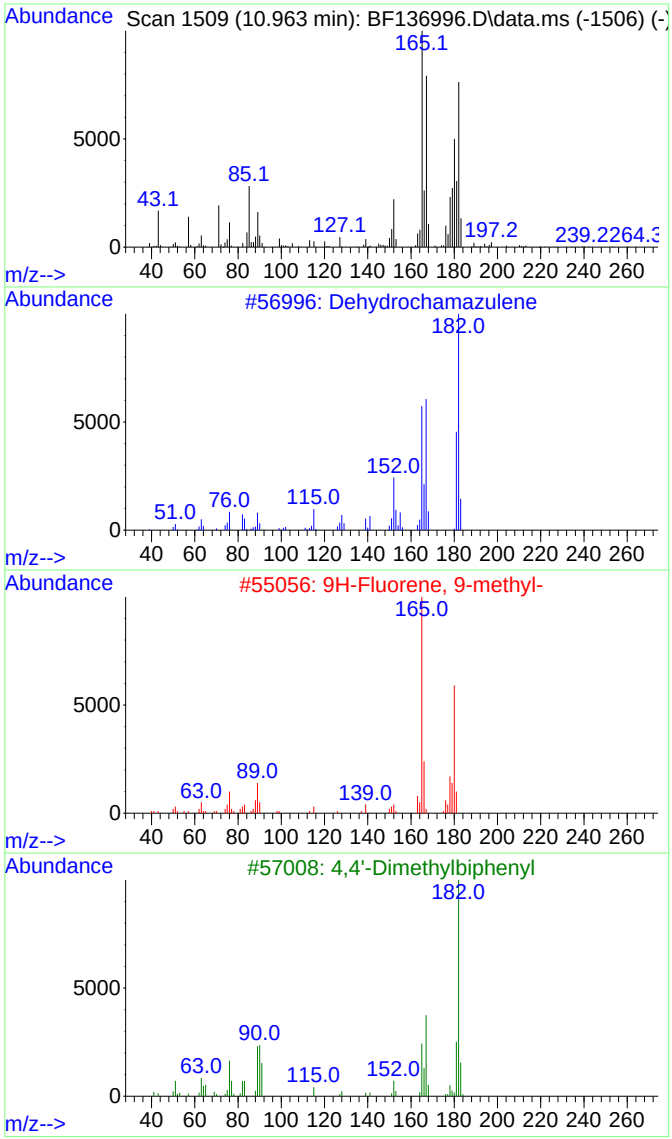
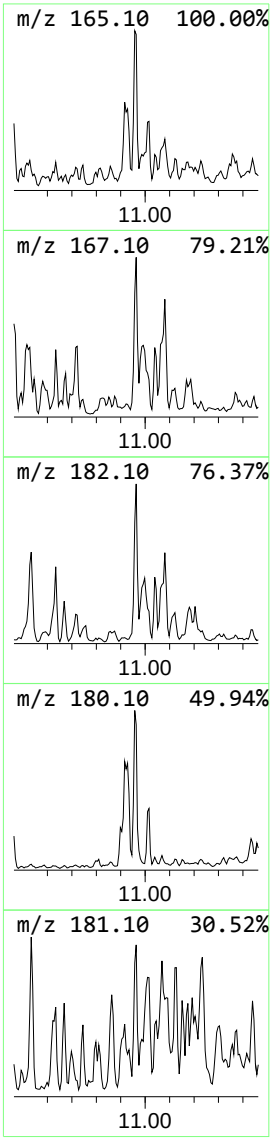
Peak Number 14 Dehydrochamazulene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.963	26.53 ng	858330	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydrochamazulene	182	C14H14	321732-25-6	83
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	80
3	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	64
4	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	60
5	1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	46





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Sample : P1038-02
Misc :
ALS Vial : 9 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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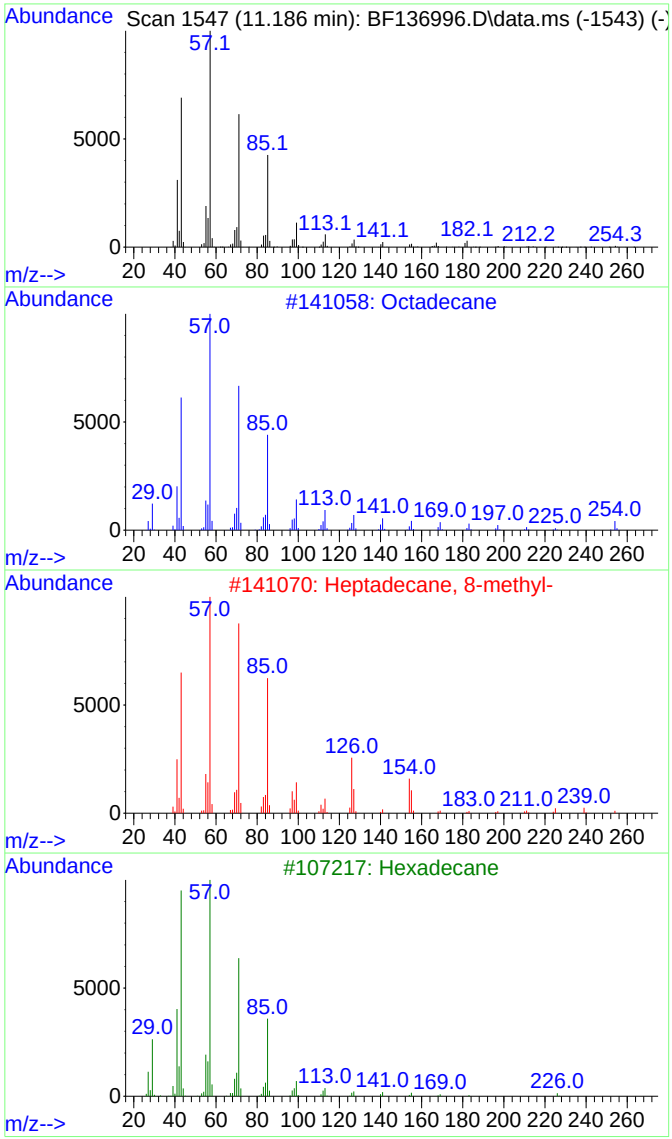
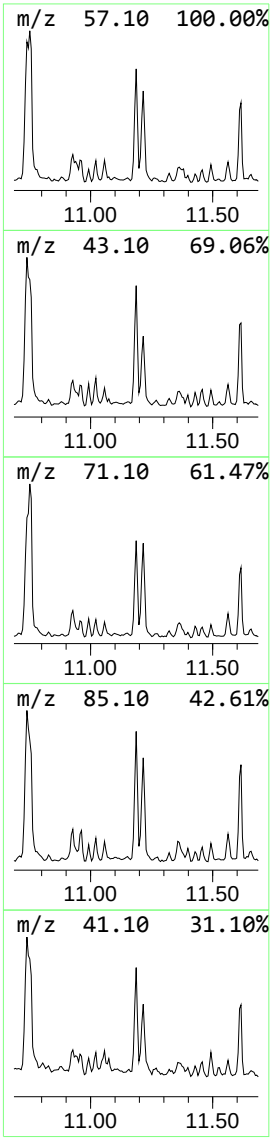
Peak Number 15 Octadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.186	58.54 ng	1893920	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	97
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Eicosane	282	C20H42	000112-95-8	87





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Sample : P1038-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2

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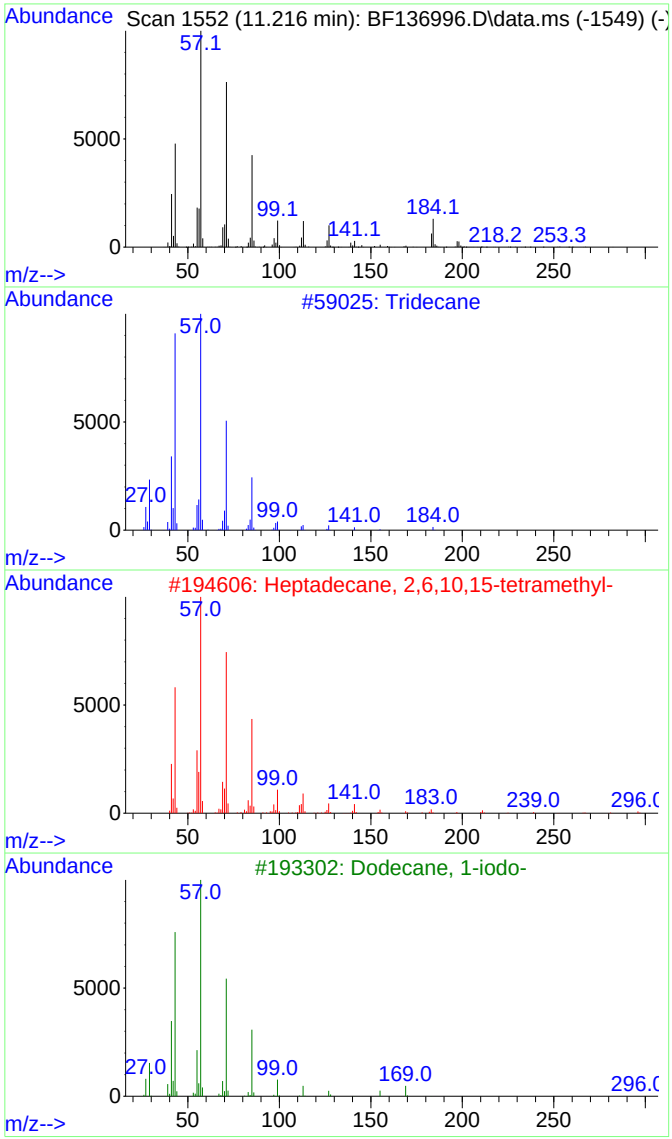
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

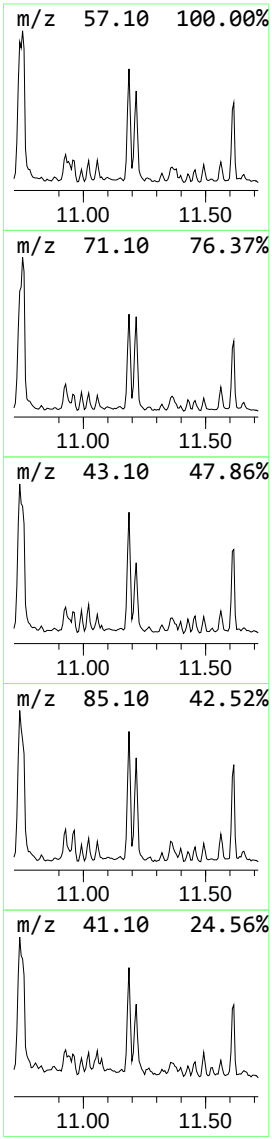
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Heptadecane, 2,6,10,15-tetr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.216	67.96 ng	2198740	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64





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Operator : CG\JU
Sample : P1038-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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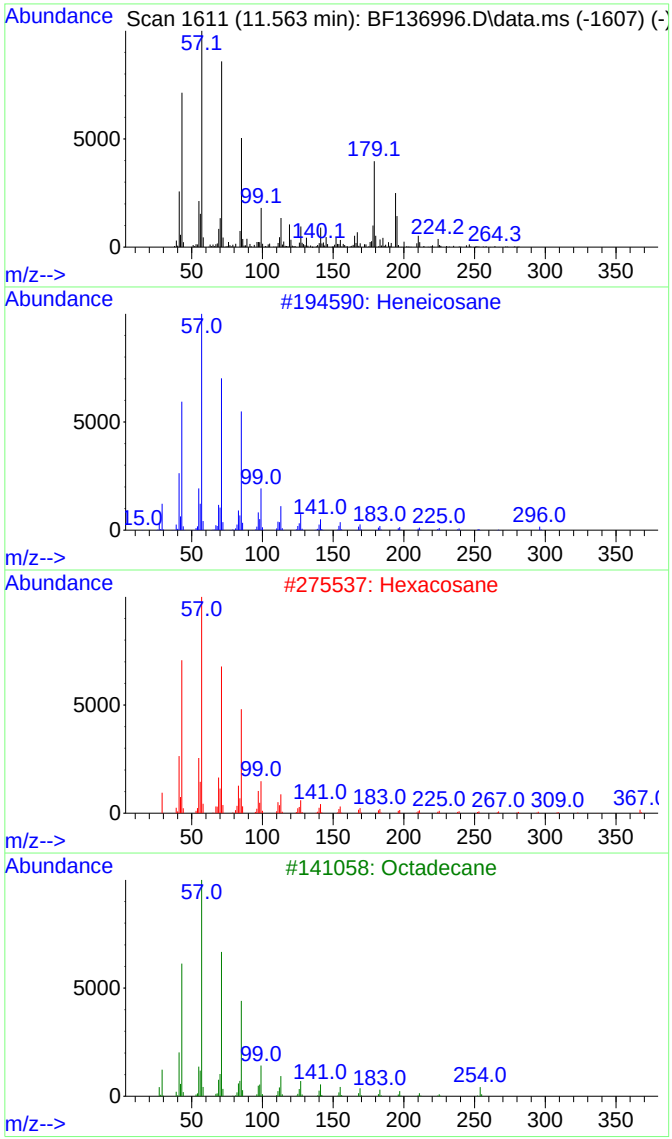
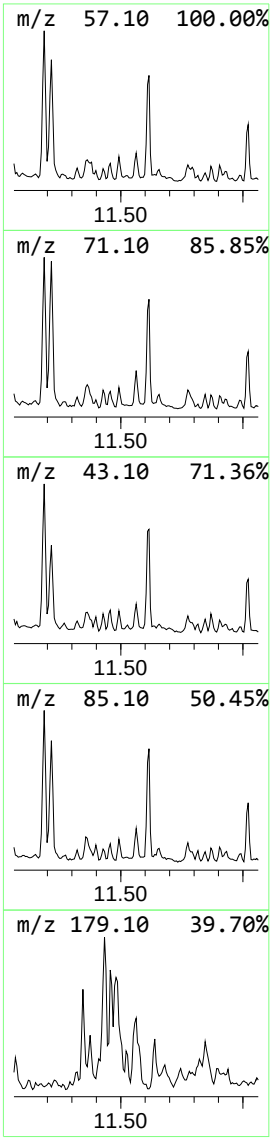
Peak Number 17 Heneicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.563	26.46 ng	855948	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	53
2	Hexacosane	366	C26H54	000630-01-3	49
3	Octadecane	254	C18H38	000593-45-3	49
4	Octacosane	394	C28H58	000630-02-4	49
5	Decane, 5-propyl-	184	C13H28	017312-62-8	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF136996.D
Acq On : 08 Jan 2024 14:17
Operator : CG\JU
Sample : P1038-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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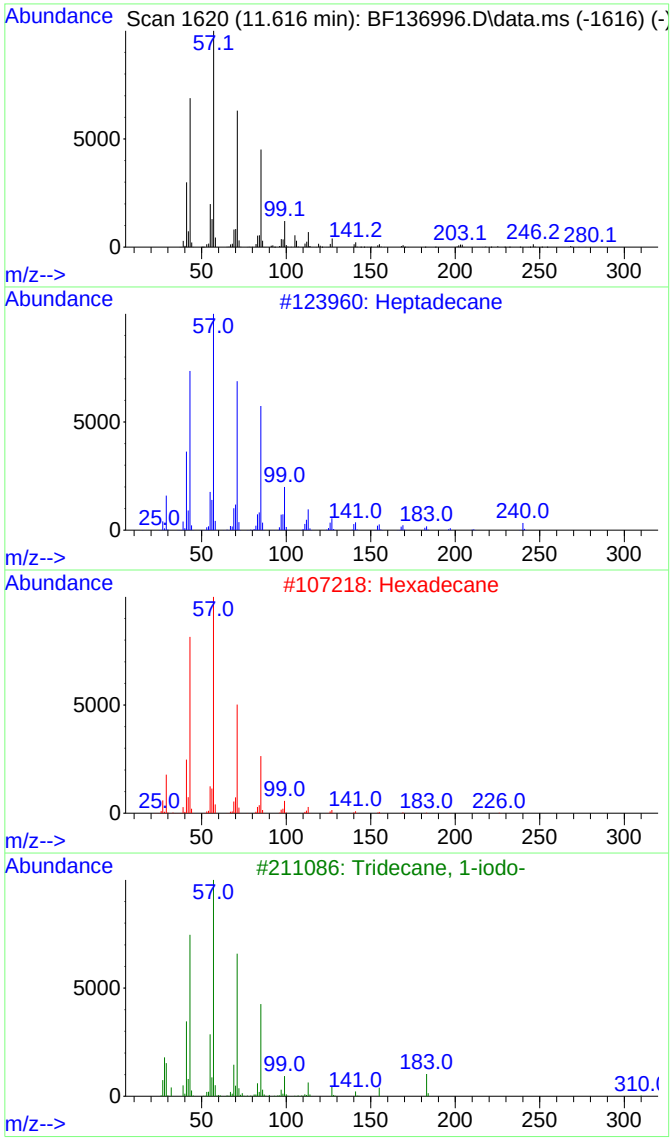
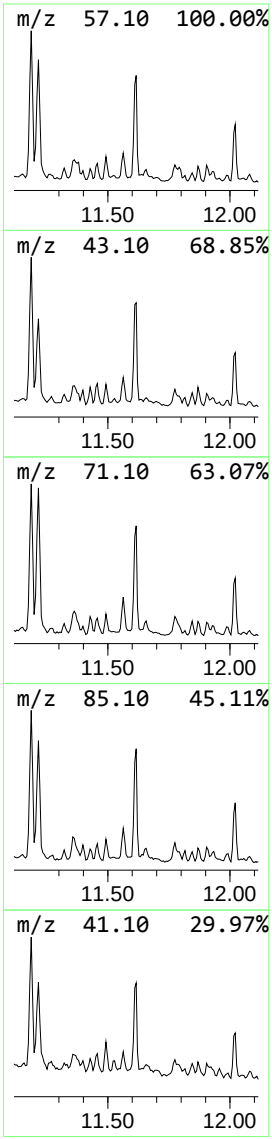
Peak Number 18 Tridecane, 1-iodo- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.616	44.17 ng	1428870	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4	Nonadecane	268	C19H40	000629-92-5	90
5	Octadecane	254	C18H38	000593-45-3	90





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Data File : BF136996.D
Acq On : 08 Jan 2024 14:17
Operator : CG\JU
Sample : P1038-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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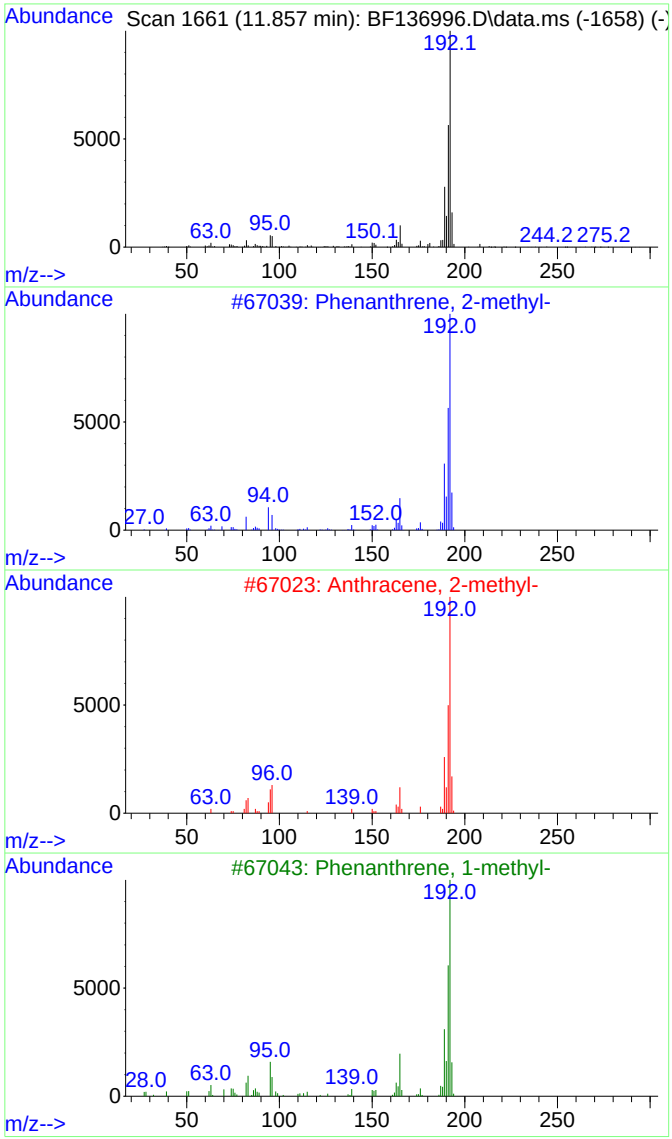
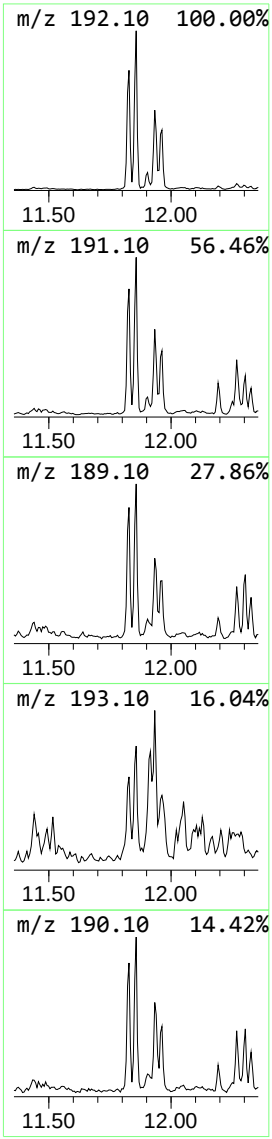
Peak Number 19 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	36.67 ng	1186270	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF136996.D
Acq On : 08 Jan 2024 14:17
Operator : CG\JU
Sample : P1038-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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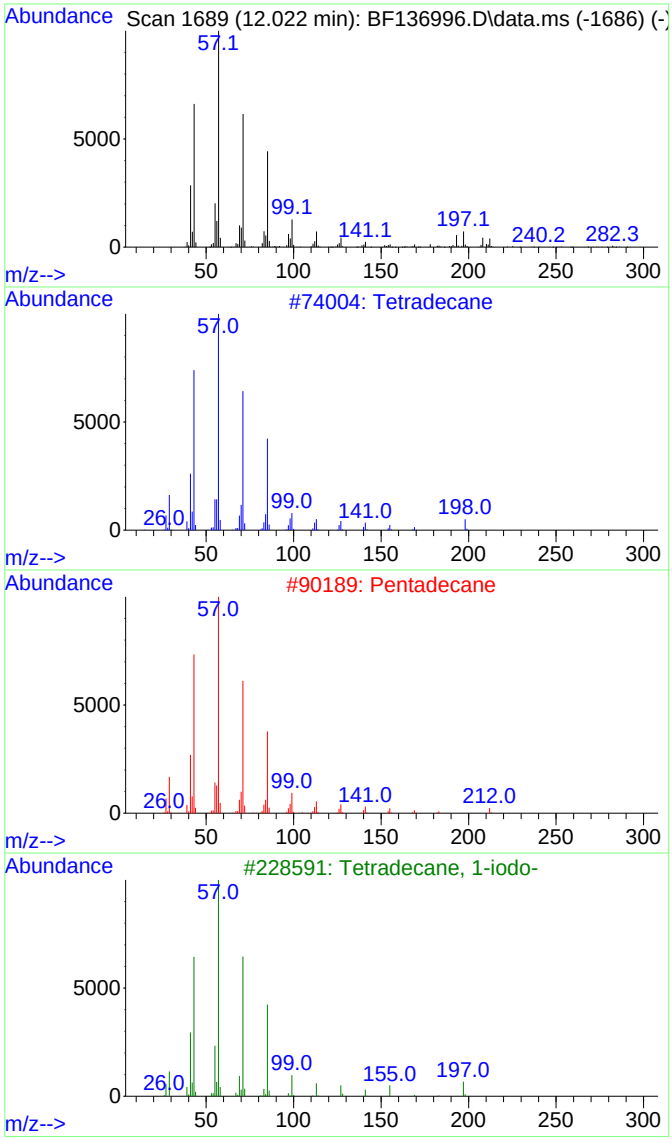
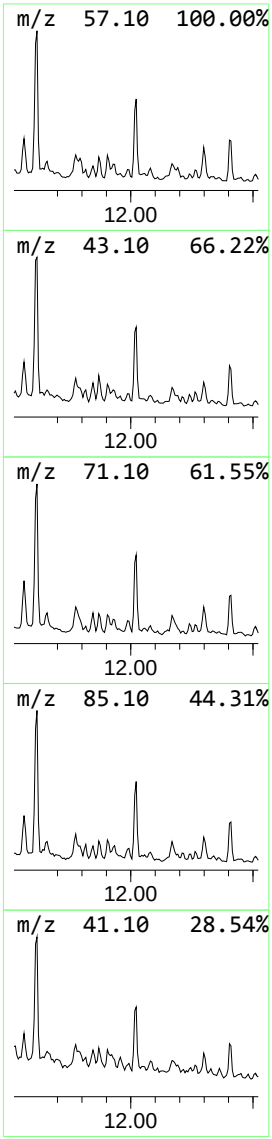
Peak Number 20 Pentadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.022	25.59 ng	827861	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Pentadecane	212	C15H32	000629-62-9	93
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	83
4	Heptacosane	380	C27H56	000593-49-7	72
5	Hexadecane	226	C16H34	000544-76-3	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF136996.D
Acq On : 08 Jan 2024 14:17
Operator : CG\JU
Sample : P1038-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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
Decane	6.616	24.7	ng	590635	1	6.781	478843	20.0
Benzene, 1,2-di...	7.098	25.5	ng	610543	1	6.781	478843	20.0
Naphthalene, 1,...	9.416	39.4	ng	2610630	3	9.828	1326600	20.0
Naphthalene, 2,...	9.486	56.0	ng	3713100	3	9.828	1326600	20.0
Hexadecane	9.545	31.9	ng	2114390	3	9.828	1326600	20.0
Naphthalene, 1,...	9.604	25.9	ng	1714560	3	9.828	1326600	20.0
Tetradecane	9.763	56.0	ng	3712140	3	9.828	1326600	20.0
Naphthalene, 1,...	10.034	35.1	ng	2328660	3	9.828	1326600	20.0
Naphthalene, 2,...	10.075	34.0	ng	2257590	3	9.828	1326600	20.0
Pentadecane, 7-...	10.263	54.8	ng	3632100	3	9.828	1326600	20.0
Tridecane	10.481	50.5	ng	3347700	3	9.828	1326600	20.0
Heptadecane	10.739	171.3	ng	5540900	4	11.322	647050	20.0
unknown10.928	10.928	27.1	ng	875454	4	11.322	647050	20.0
Dehydrochamazulene	10.963	26.5	ng	858330	4	11.322	647050	20.0
Octadecane	11.186	58.5	ng	1893920	4	11.322	647050	20.0
Heptadecane, 2,...	11.216	68.0	ng	2198740	4	11.322	647050	20.0
Heneicosane	11.563	26.5	ng	855948	4	11.322	647050	20.0
Tridecane, 1-iodo-	11.616	44.2	ng	1428870	4	11.322	647050	20.0
Phenanthrene, 2...	11.857	36.7	ng	1186270	4	11.322	647050	20.0
Pentadecane	12.022	25.6	ng	827861	4	11.322	647050	20.0