LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
Data File : BF138751.D
Acq On : 02 Aug 2024 17:14
Operator : RC/JU
Sample : P3417-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-06-073124

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-BF073024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF138751.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.222	16	22	31	rVB3	11273	26283	1.53%	0.124%
2	3.369	211	217	239	rBV	8186	41436	2.40%	0.196%
3	5.063	500	505	513	rVB	72765	108459	6.30%	0.513%
4	5.475	570	575	593	rVB	1097180	1444609	83.85%	6.827%
5	6.487	742	747	762	rBV	1047358	1372318	79.65%	6.486%
6	6.675	775	779	784	rBV2	18166	26599	1.54%	0.126%
7	6.845	803	808	813	rBV	242690	291628	16.93%	1.378%
8	7.116	848	854	857	rBV4	12637	18850	1.09%	0.089%
9	7.410	894	904	912	rBV	675073	893684	51.87%	4.224%
10	7.487	912	917	921	rVB4	16647	25662	1.49%	0.121%
11	7.651	940	945	952	rVB5	34996	71718	4.16%	0.339%
12	7.769	953	965	968	rBV4	23413	73046	4.24%	0.345%
13	7.863	974	981	984	rBV5	33878	62058	3.60%	0.293%
14	7.963	996	998	1001	rVB	17604	17442	1.01%	0.082%
15	8.028	1006	1009	1012	rBV2	16682	19063	1.11%	0.090%
16	8.128	1013	1026	1032	rBV	292286	526390	30.55%	2.488%
17	8.175	1032	1034	1038	rVB3	44472	50966	2.96%	0.241%
18	8.216	1038	1041	1047	rVB5	19314	28704	1.67%	0.136%
19	8.298	1047	1055	1056	rBV5	24192	43562	2.53%	0.206%
20	8.322	1056	1059	1065	rVB2	26334	32065	1.86%	0.152%
21	8.416	1070	1075	1077	rBV4	38342	61601	3.58%	0.291%
22	8.439	1077	1079	1083	rVV	29278	32764	1.90%	0.155%
23	8.504	1087	1090	1093	rBV4	27027	33021	1.92%	0.156%
24	8.539	1093	1096	1098	rBV	26278	26665	1.55%	0.126%
25	8.628	1107	1111	1115	rBV2	65402	85539	4.96%	0.404%
26	8.710	1122	1125	1129	rBV2	59798	81180	4.71%	0.384%
27	8.751	1129	1132	1134	rVV4	24003	33372	1.94%	0.158%
28	8.787	1135	1138	1145	rVB3	40068	75324	4.37%	0.356%
29	8.875	1150	1153	1155	rBV2	17156	21774	1.26%	0.103%
30	8.945	1161	1165	1170	rBV4	65972	96193	5.58%	0.455%
31	9.069	1183	1186	1192	rBV4	36955	65113	3.78%	0.308%
32	9.139	1195	1198	1204	rVV3	56070	76045	4.41%	0.359%
33	9.204	1204	1209	1213	rVV	1064858	1355859	78.69%	6.408%
34	9.275	1217	1221	1225	rBV	106156	146000	8.47%	0.690%
35	9.351	1231	1234	1237	rVB	49348	53236	3.09%	0.252%
36	9.534	1258	1265	1267	rBV7	50292	116766	6.78%	0.552%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
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Operator : RC/JU
Sample : P3417-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-073124

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-BF073024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.592	1271	1275	1279	rVV4	111859	187718	10.90%	0.887%
38	9.657	1283	1286	1290	rVB3	46928	57460	3.34%	0.272%
39	9.745	1297	1301	1304	rBV5	39804	60494	3.51%	0.286%
40	9.804	1308	1311	1315	rVB	146676	188783	10.96%	0.892%
41	9.881	1320	1324	1328	rVB	261962	330498	19.18%	1.562%
42	9.981	1338	1341	1345	rVB2	56926	74034	4.30%	0.350%
43	10.039	1348	1351	1353	rBV2	33806	48956	2.84%	0.231%
44	10.128	1363	1366	1370	rBV4	73313	96012	5.57%	0.454%
45	10.198	1375	1378	1384	rBV6	41193	98124	5.70%	0.464%
46	10.304	1392	1396	1400	rBV	265902	343539	19.94%	1.624%
47	10.522	1429	1433	1440	rBV	156800	261963	15.20%	1.238%
48	10.610	1446	1448	1451	rBV3	32815	36971	2.15%	0.175%
49	10.645	1452	1454	1455	rVV	39287	35067	2.04%	0.166%
50	10.675	1455	1459	1464	rVB	617055	753519	43.73%	3.561%
51	10.781	1473	1477	1486	rVB	464307	760280	44.13%	3.593%
52	10.975	1507	1510	1512	rBV	45764	61591	3.57%	0.291%
53	11.228	1549	1553	1556	rBV	447317	581090	33.73%	2.746%
54	11.257	1556	1558	1564	rVB2	231138	292751	16.99%	1.384%
55	11.369	1573	1577	1579	rBV	333583	425723	24.71%	2.012%
56	11.392	1579	1581	1587	rVB	264728	352480	20.46%	1.666%
57	11.539	1603	1606	1609	rBV	45860	50434	2.93%	0.238%
58	11.580	1610	1613	1615	rBV3	57571	77906	4.52%	0.368%
59	11.657	1621	1626	1630	rBV	410052	517755	30.05%	2.447%
60	11.822	1651	1654	1658	rBV2	41036	63381	3.68%	0.300%
61	11.898	1663	1667	1673	rVB2	140162	229632	13.33%	1.085%
62	12.063	1691	1695	1700	rVB	402765	491754	28.54%	2.324%
63	12.198	1715	1718	1730	rVB5	77216	175128	10.16%	0.828%
64	12.345	1740	1743	1746	rBV2	46065	51790	3.01%	0.245%
65	12.451	1757	1761	1767	rVB	339118	448942	26.06%	2.122%
66	12.586	1779	1784	1789	rBV	723504	908420	52.73%	4.293%
67	12.816	1816	1823	1828	rBV2	754589	1124112	65.24%	5.313%
68	12.957	1841	1847	1854	rVB	1263065	1722933	100.00%	8.143%
69	13.174	1881	1884	1887	rBV	143181	167151	9.70%	0.790%
70	13.516	1939	1942	1947	rBV	98460	124494	7.23%	0.588%
71	13.851	1996	1999	2009	rVB3	203855	352831	20.48%	1.668%
72	14.010	2021	2026	2029	rBV2	353716	619838	35.98%	2.929%
73	15.057	2199	2204	2211	rBV	280865	589218	34.20%	2.785%
74	15.357	2252	2255	2261	rVB	137001	191234	11.10%	0.904%
75	15.421	2262	2266	2271	rVV	213619	320072	18.58%	1.513%
76	15.480	2273	2276	2288	rVB2	174573	349676	20.30%	1.653%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
Data File : BF138751.D
Acq On : 02 Aug 2024 17:14
Operator : RC/JU
Sample : P3417-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-073124

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-BF073024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

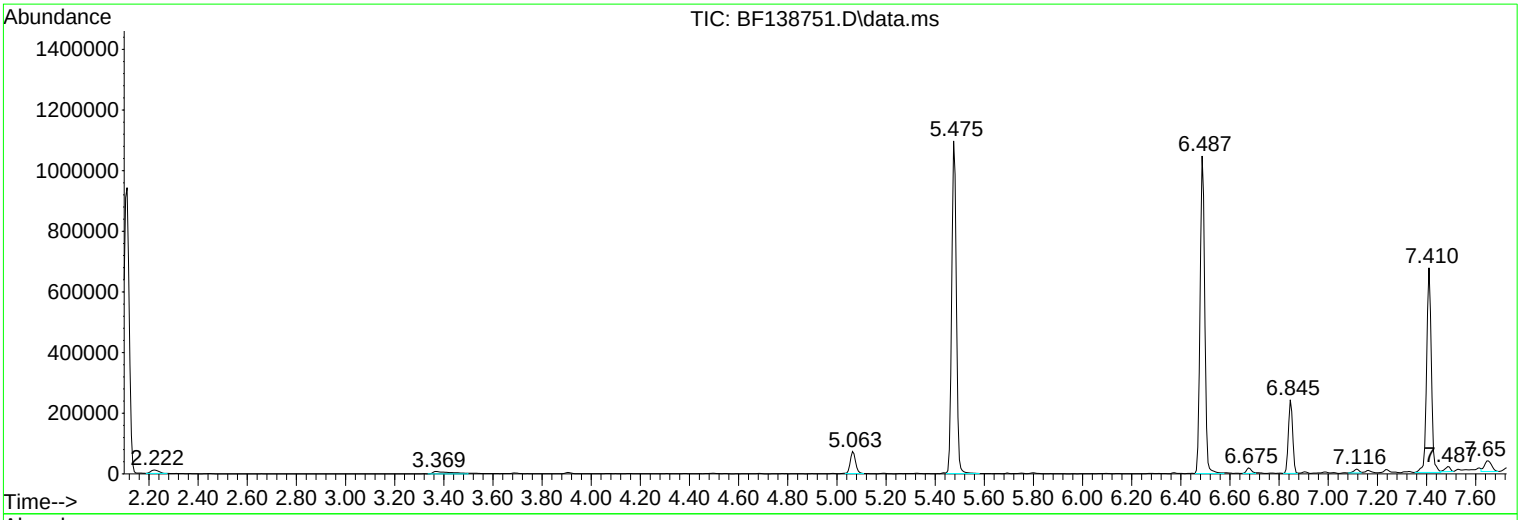
Sum of corrected areas: 21158748

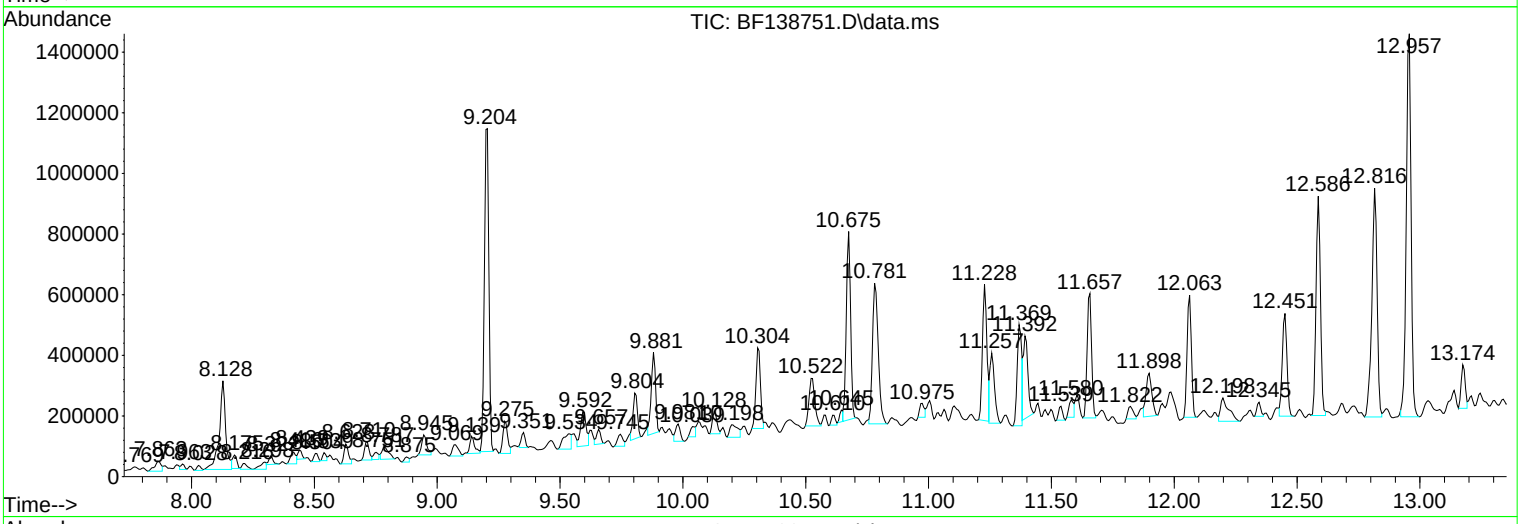
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
Data File : BF138751.D
Acq On : 02 Aug 2024 17:14
Operator : RC/JU
Sample : P3417-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

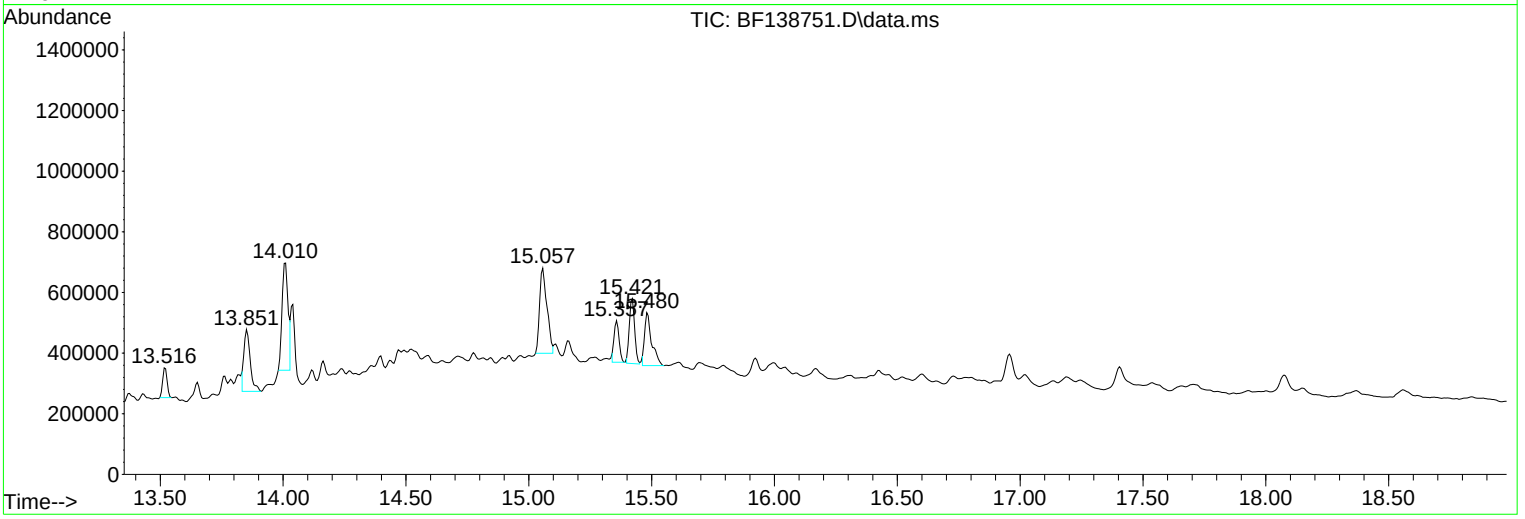
Instrument :
BNA_F
ClientSampleId :
TR-06-073124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.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\BF080224\
Data File : BF138751.D
Acq On : 02 Aug 2024 17:14
Operator : RC/JU
Sample : P3417-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-073124

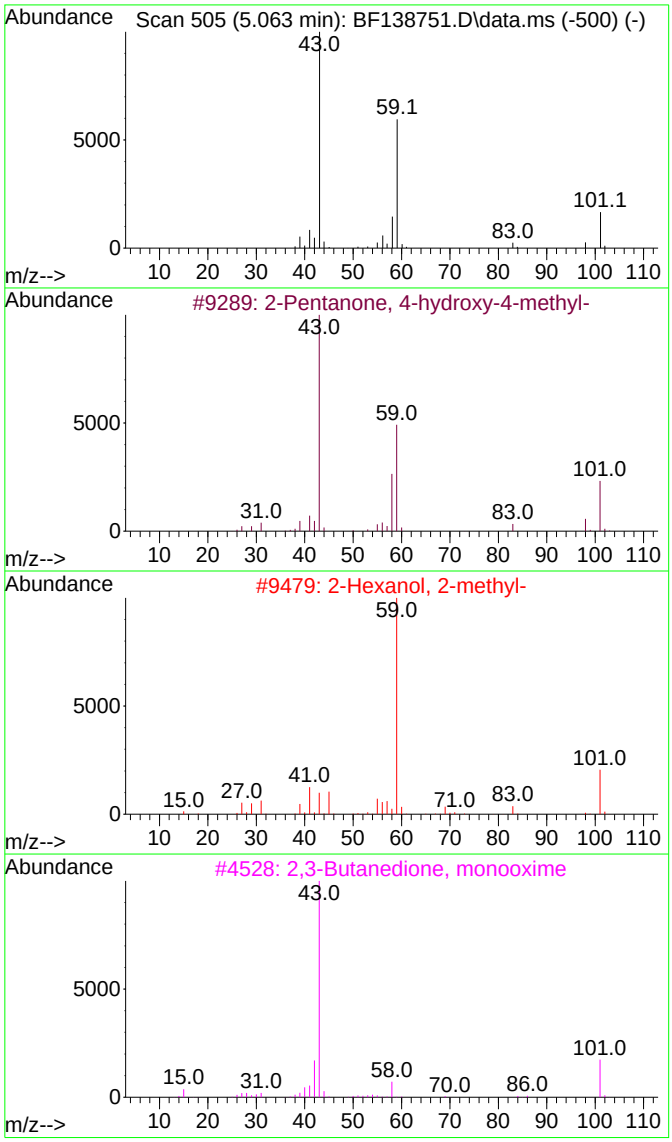
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

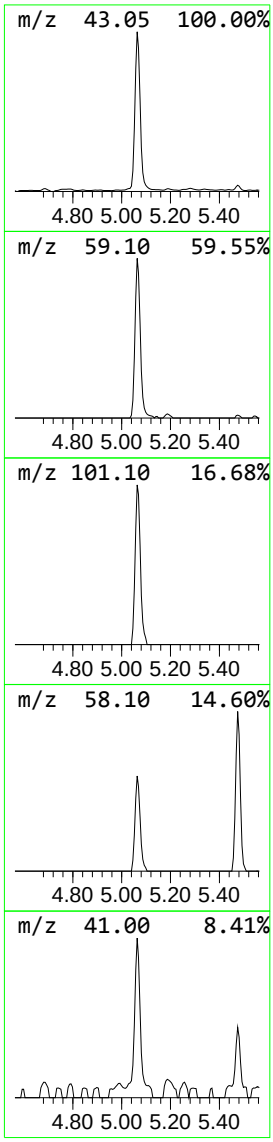
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.063	7.44 ng	108459	1,4-Dichlorobenzene-d4	6.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
Data File : BF138751.D
Acq On : 02 Aug 2024 17:14
Operator : RC/JU
Sample : P3417-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-073124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

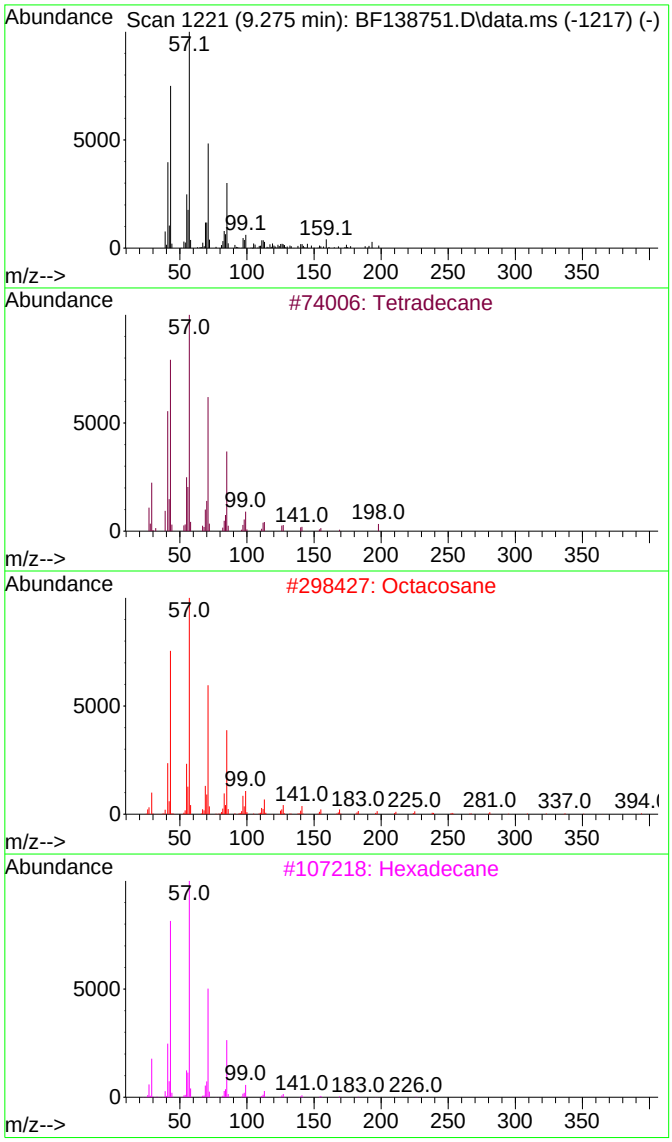
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

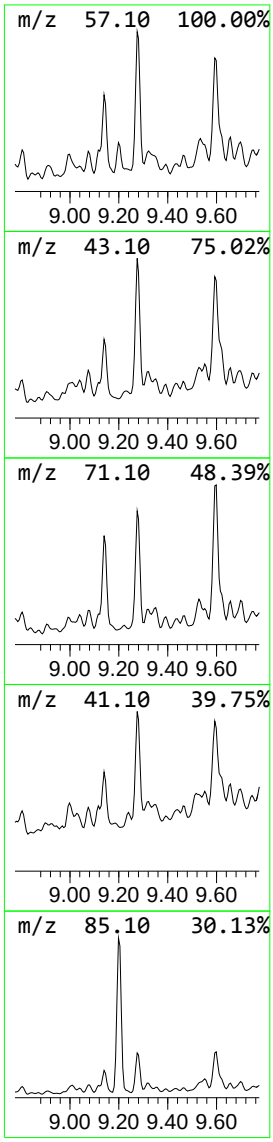
****

Peak Number 2 Tetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.275	8.84 ng	146000	Acenaphthene-d10	9.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	80
2	Octacosane	394	C28H58	000630-02-4	80
3	Hexadecane	226	C16H34	000544-76-3	80
4	Undecane	156	C11H24	001120-21-4	64
5	Decane	142	C10H22	000124-18-5	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
Data File : BF138751.D
Acq On : 02 Aug 2024 17:14
Operator : RC/JU
Sample : P3417-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-073124

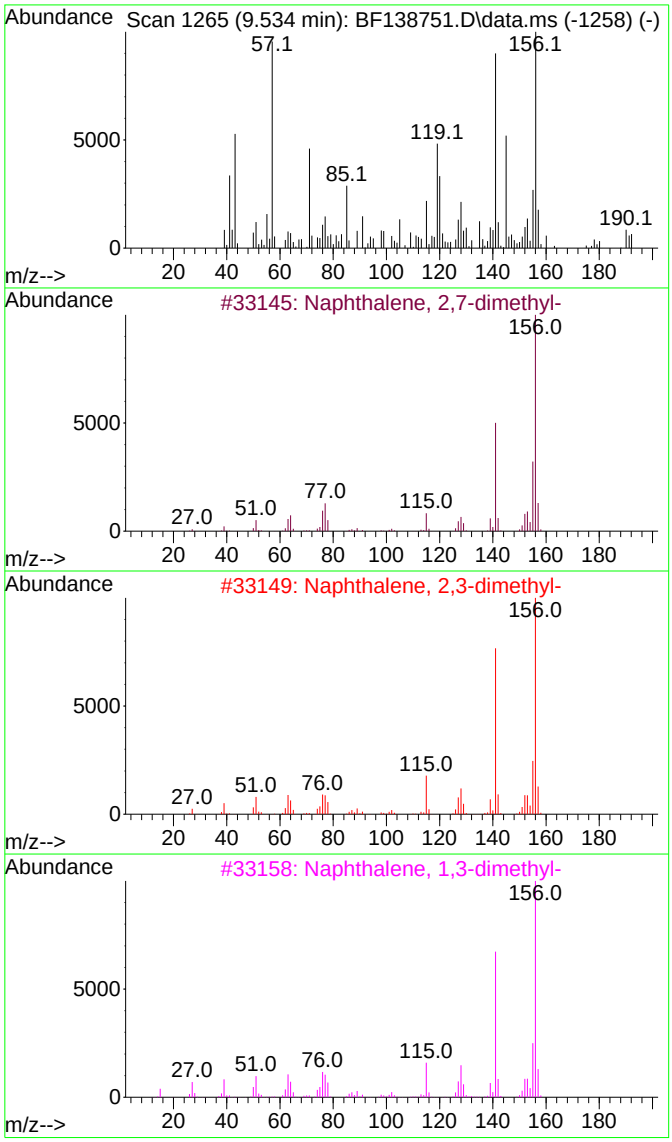
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

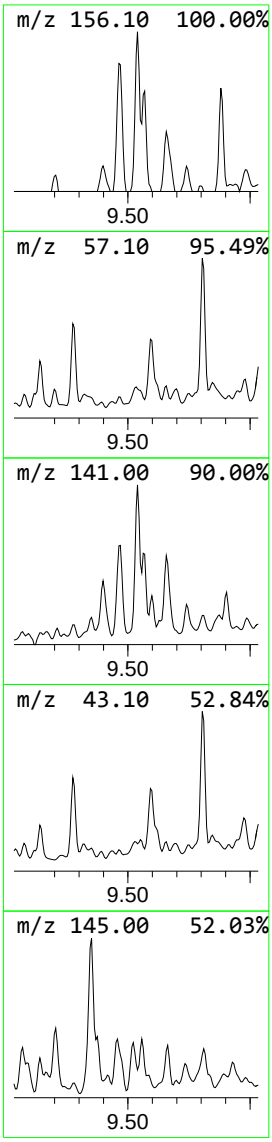
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.534	7.07 ng	116766	Acenaphthene-d10	9.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	90
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	90
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	90
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
Data File : BF138751.D
Acq On : 02 Aug 2024 17:14
Operator : RC/JU
Sample : P3417-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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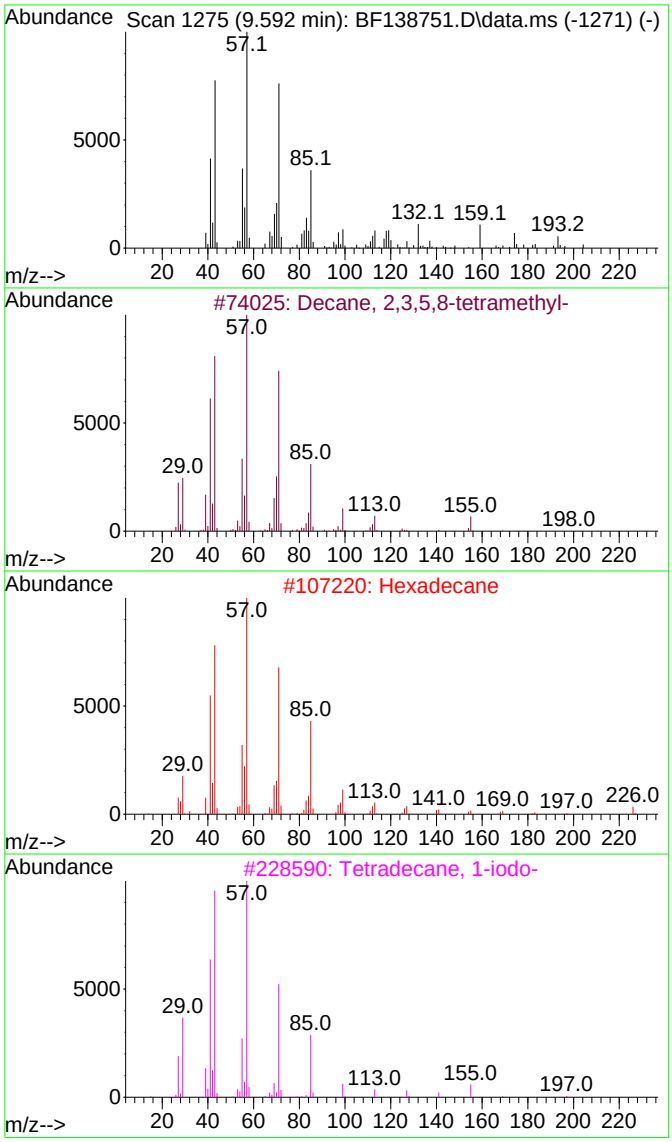
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

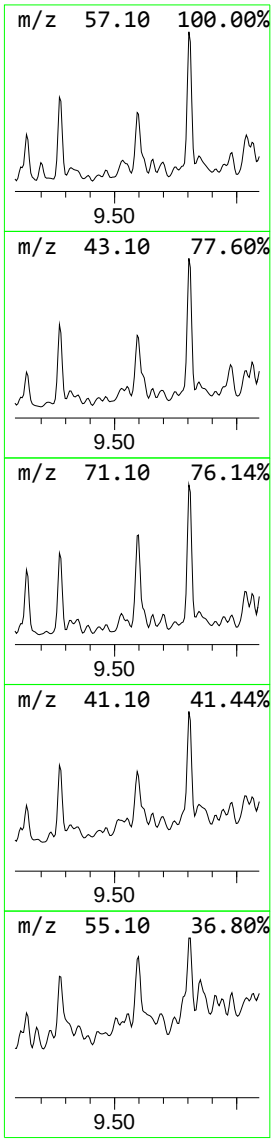
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Decane, 2,3,5,8-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.592	11.36 ng	187718	Acenaphthene-d10	9.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	64
2	Hexadecane	226	C16H34	000544-76-3	62
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	58
4	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	58
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
Data File : BF138751.D
Acq On : 02 Aug 2024 17:14
Operator : RC/JU
Sample : P3417-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-073124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

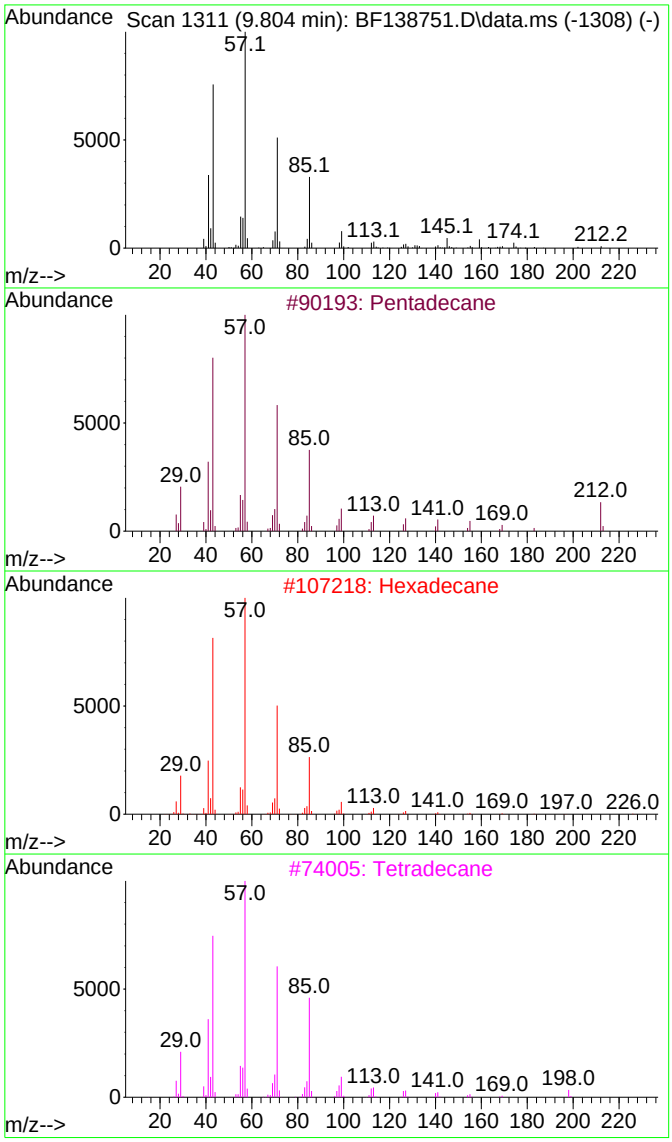
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

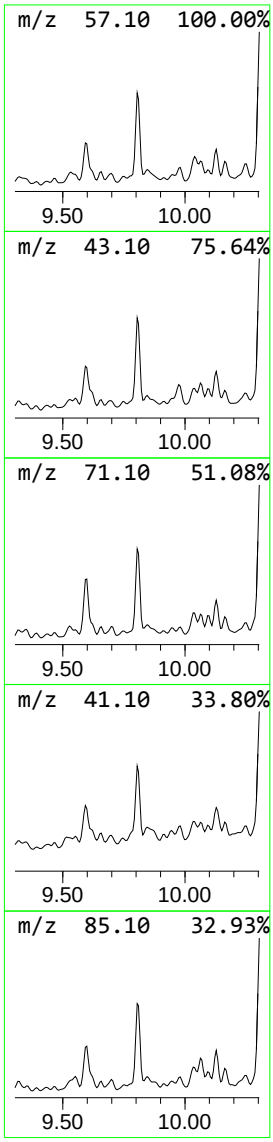
****

Peak Number 5 Pentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.804	11.42 ng	188783	Acenaphthene-d10	9.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	86
2	Hexadecane	226	C16H34	000544-76-3	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	83
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
Data File : BF138751.D
Acq On : 02 Aug 2024 17:14
Operator : RC/JU
Sample : P3417-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-073124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

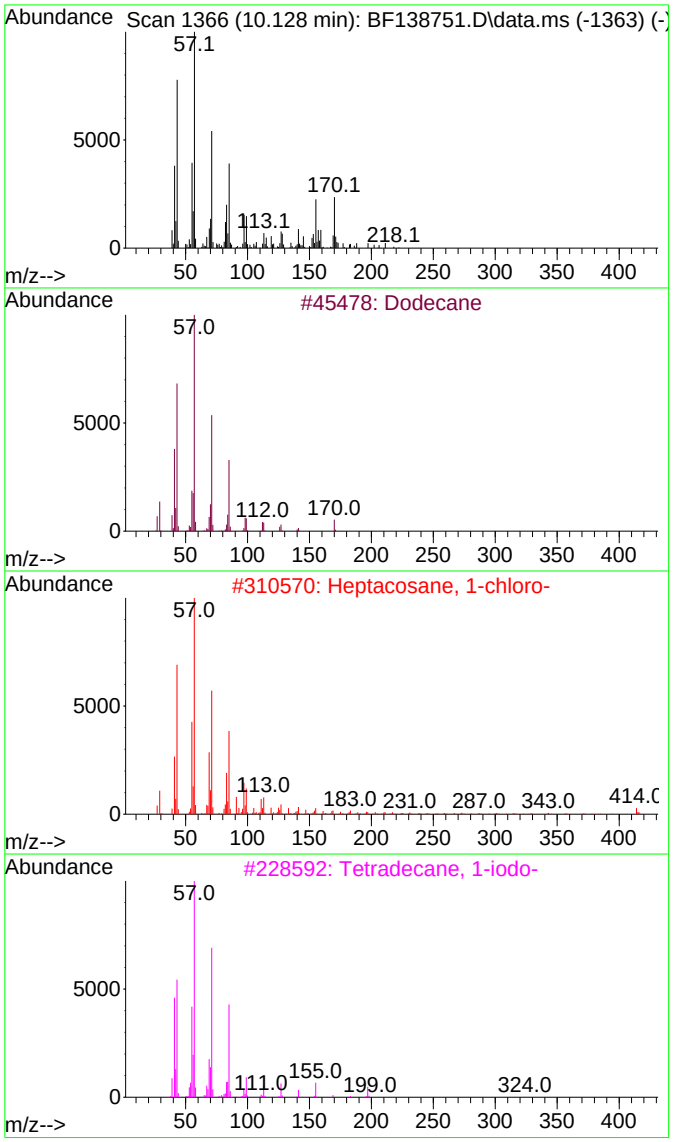
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

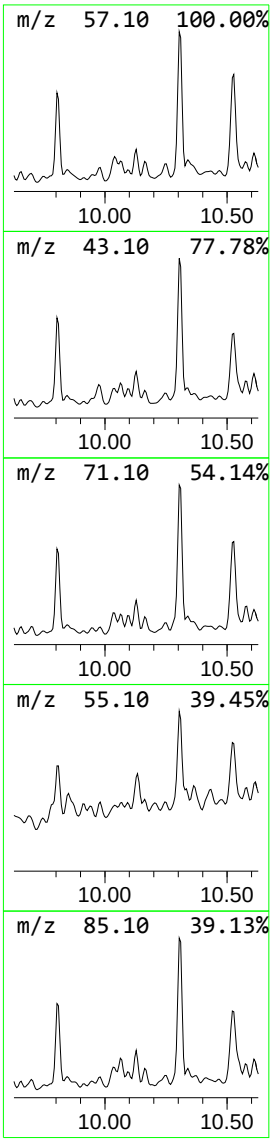
****

Peak Number 6 Dodecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.128	5.81 ng	96012	Acenaphthene-d10	9.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	70
2	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	64
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	52
4	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1010309-12-5	52
5	Octacosane	394	C28H58	000630-02-4	52





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Acq On : 02 Aug 2024 17:14
Operator : RC/JU
Sample : P3417-01
Misc :
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Instrument :
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ClientSampleId :
TR-06-073124

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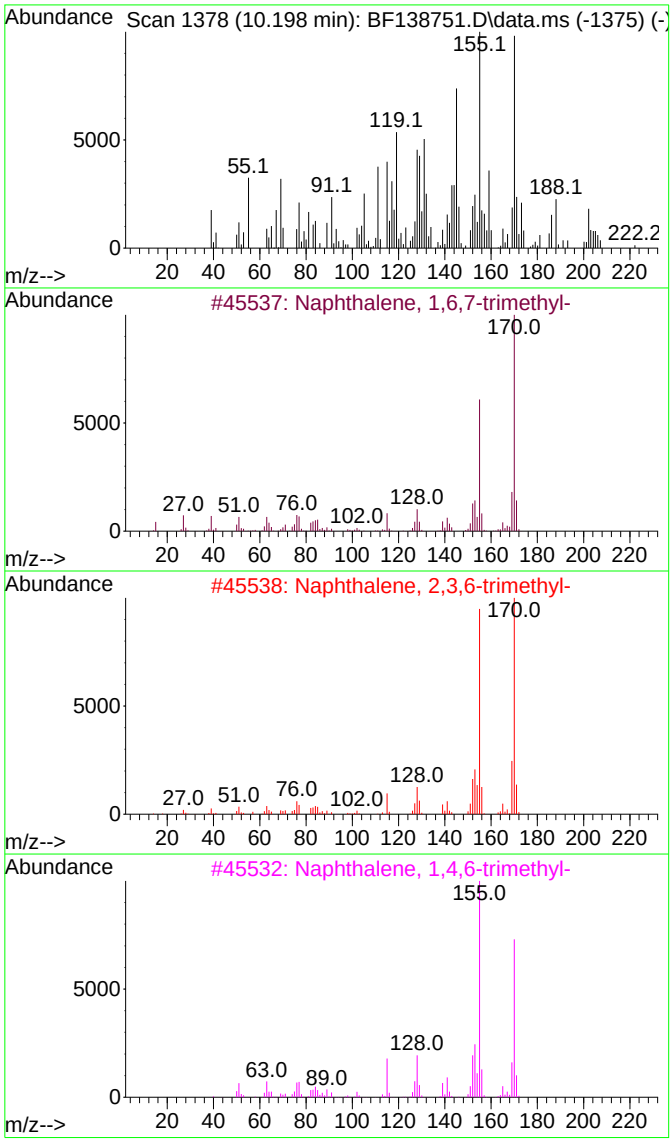
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

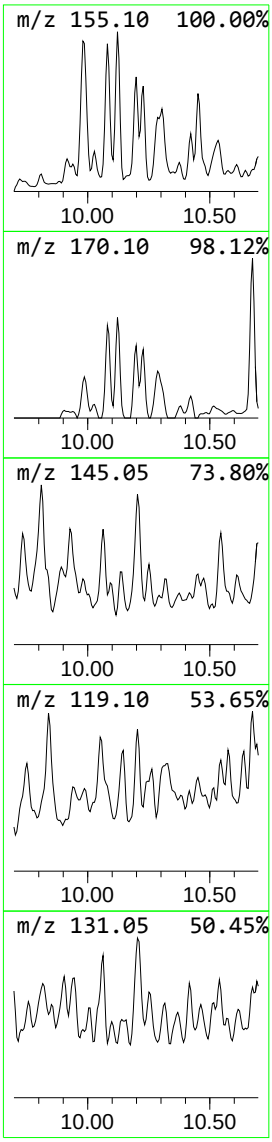
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,6,7-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.198	5.94 ng	98124	Acenaphthene-d10	9.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	83
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	81
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	80
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	50
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	42





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

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

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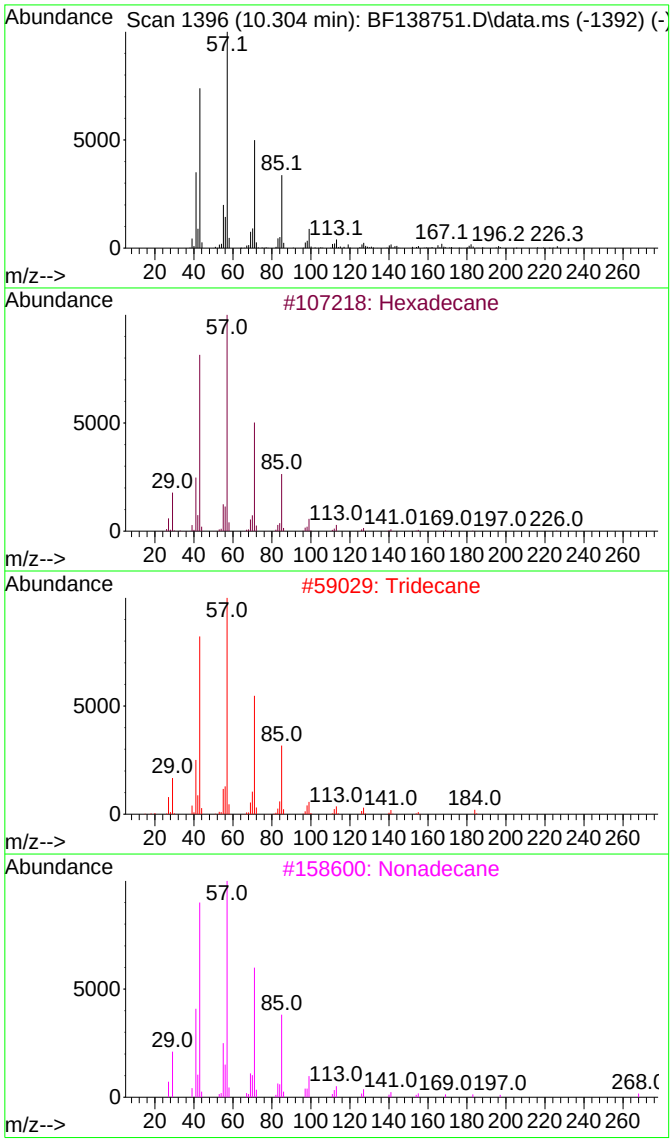
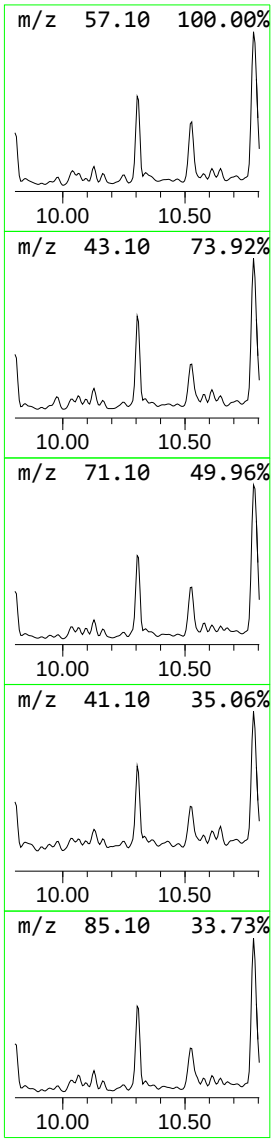
Peak Number 8 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.304	20.79 ng	343539	Acenaphthene-d10	9.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Tridecane	184	C13H28	000629-50-5	90
3	Nonadecane	268	C19H40	000629-92-5	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Pentadecane	212	C15H32	000629-62-9	90





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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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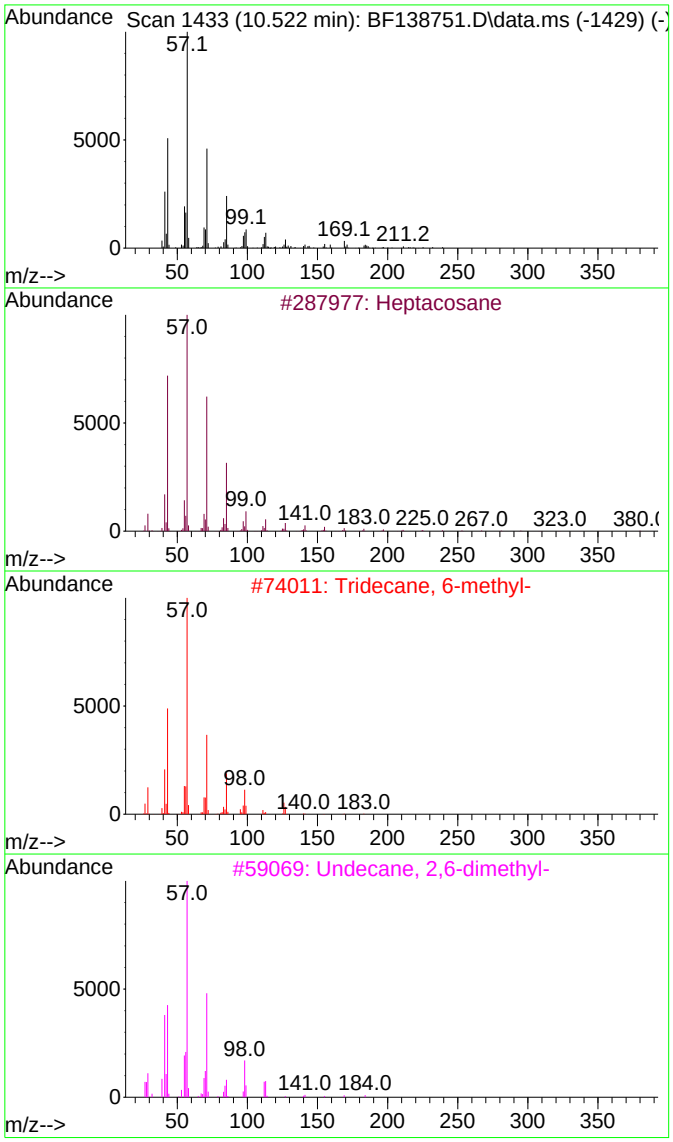
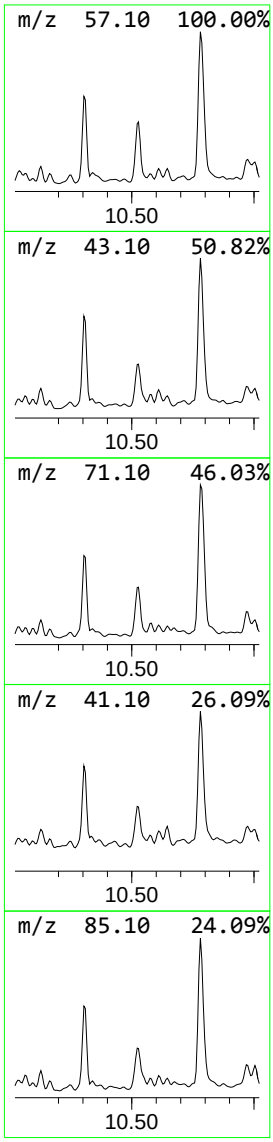
Peak Number 9 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.522	15.85 ng	261963	Acenaphthene-d10	9.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	86
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	80
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	76
4	Tridecane	184	C13H28	000629-50-5	74
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72





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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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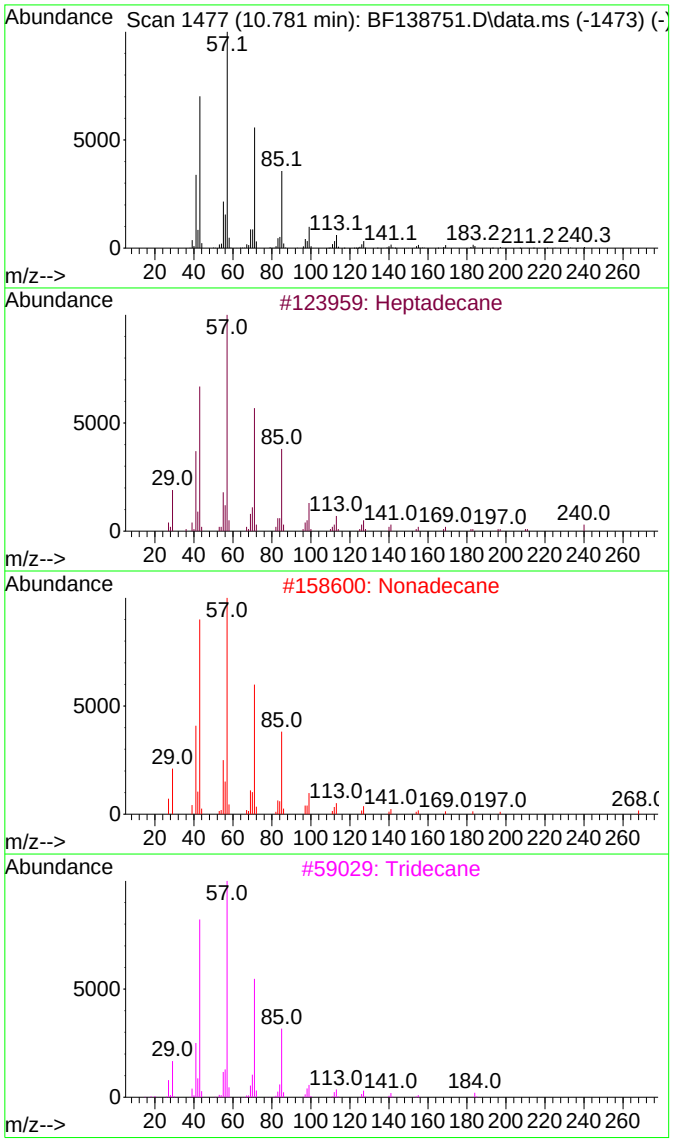
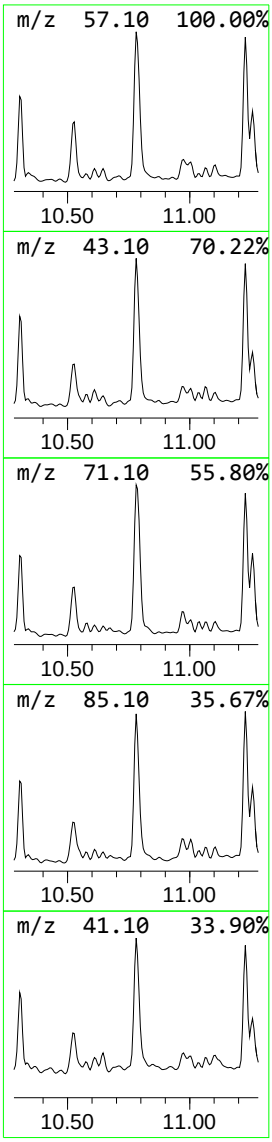
Peak Number 10 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.781	35.72 ng	760280	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Nonadecane	268	C19H40	000629-92-5	91
3	Tridecane	184	C13H28	000629-50-5	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Hexadecane	226	C16H34	000544-76-3	90





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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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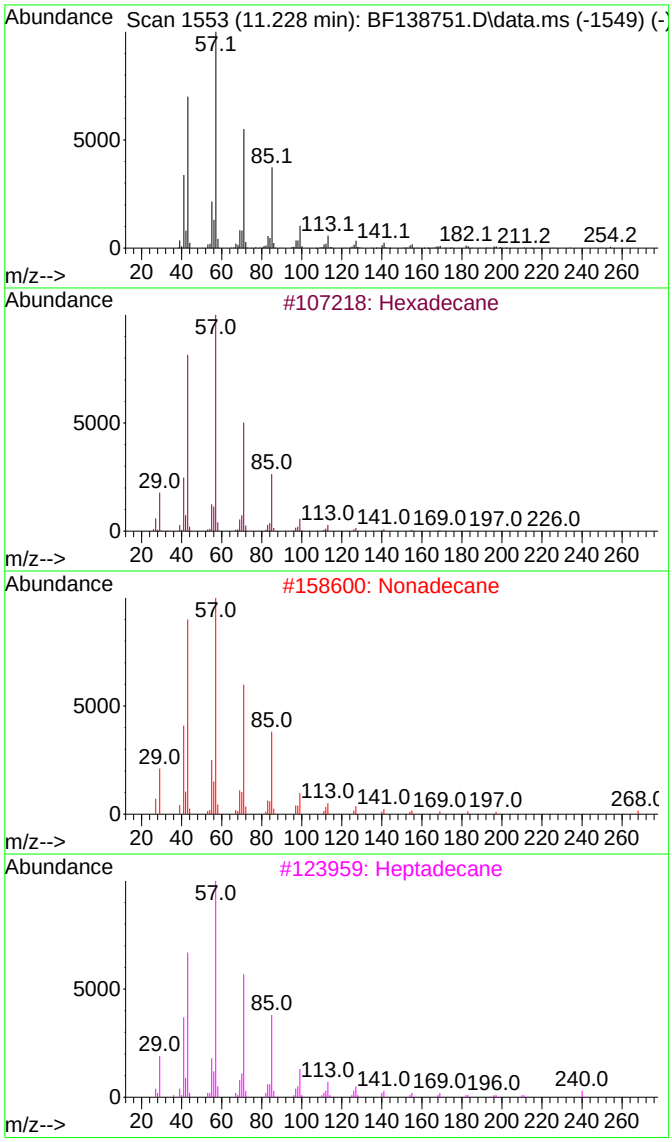
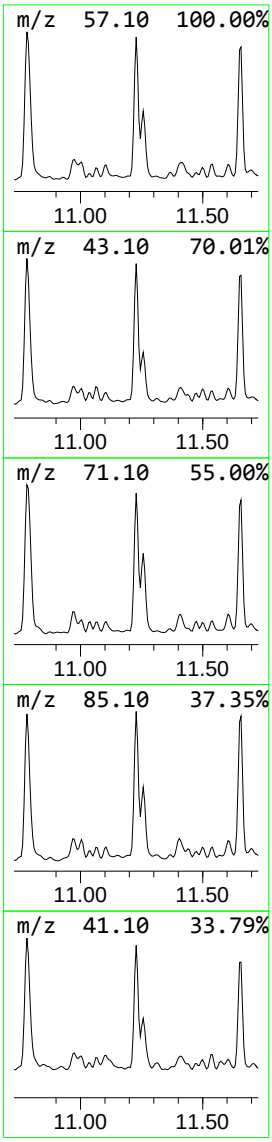
Peak Number 11 Nonadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	27.30 ng	581090	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Nonadecane	268	C19H40	000629-92-5	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Pentadecane	212	C15H32	000629-62-9	87
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	86





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

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

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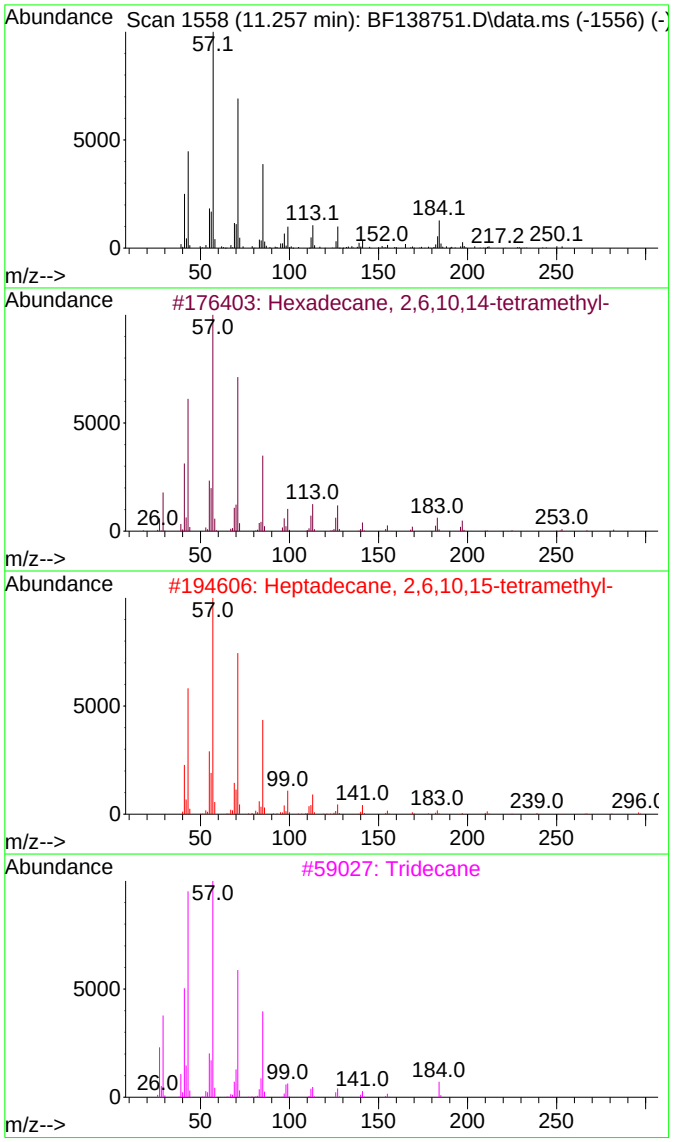
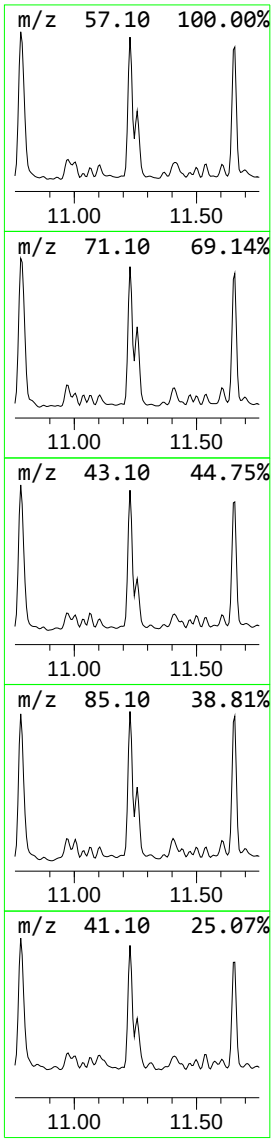
Peak Number 12 Hexadecane, 2,6,10,14-tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.257	13.75 ng	292751	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
3	Tridecane	184	C13H28	000629-50-5	83
4	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72





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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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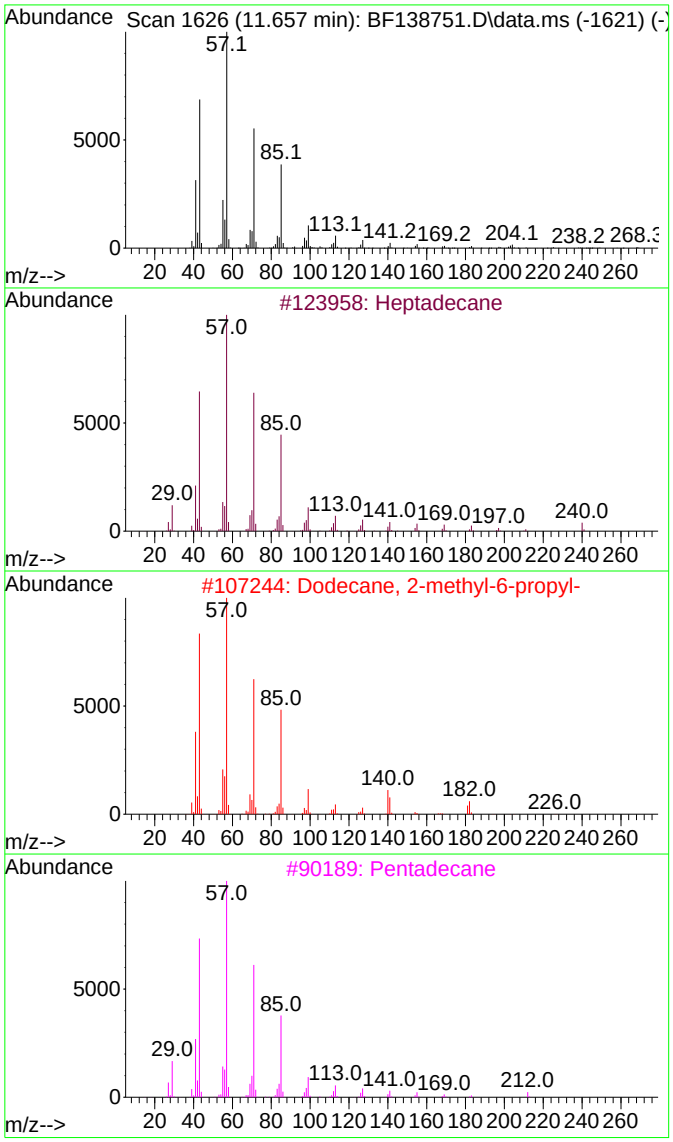
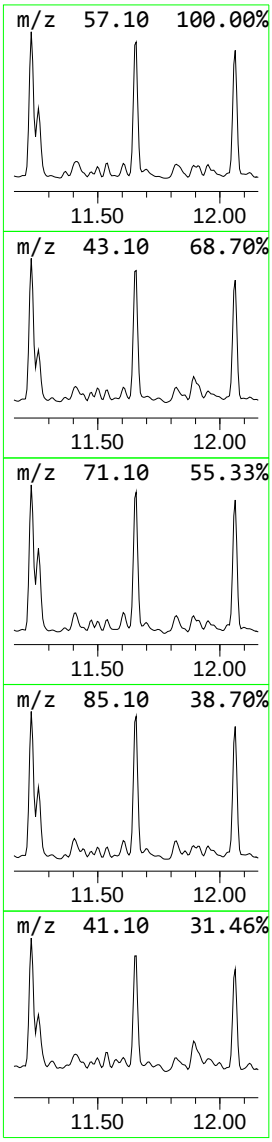
Peak Number 13 Dodecane, 2-methyl-6-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.657	24.32 ng	517755	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	96
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	94
3	Pentadecane	212	C15H32	000629-62-9	91
4	Heptacosane	380	C27H56	000593-49-7	90
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90





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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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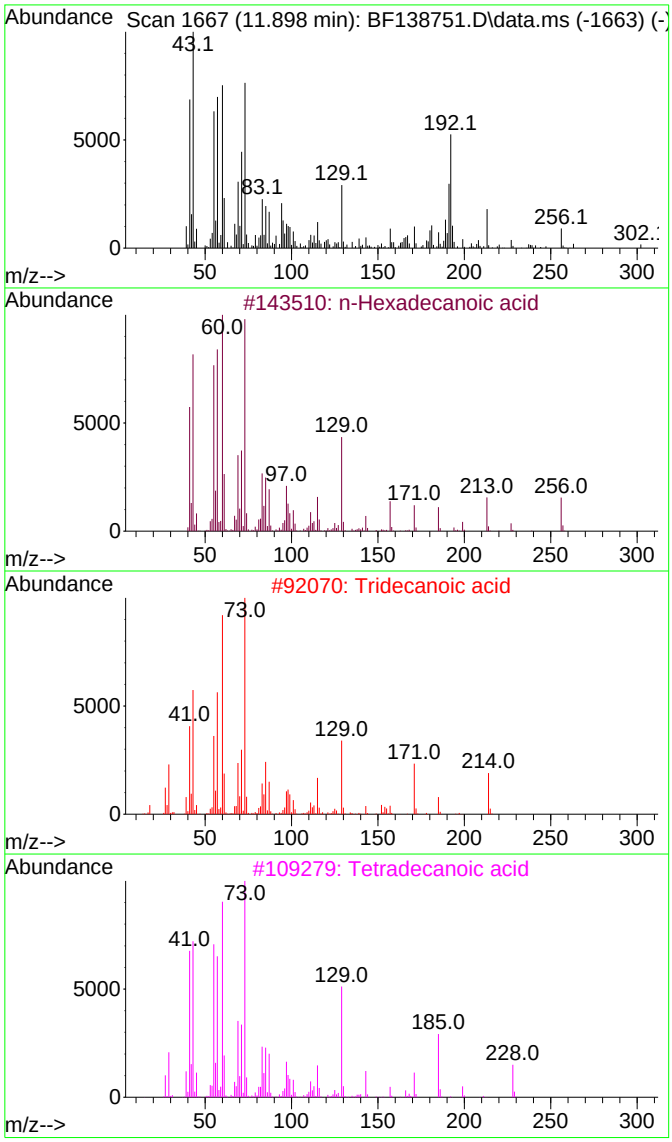
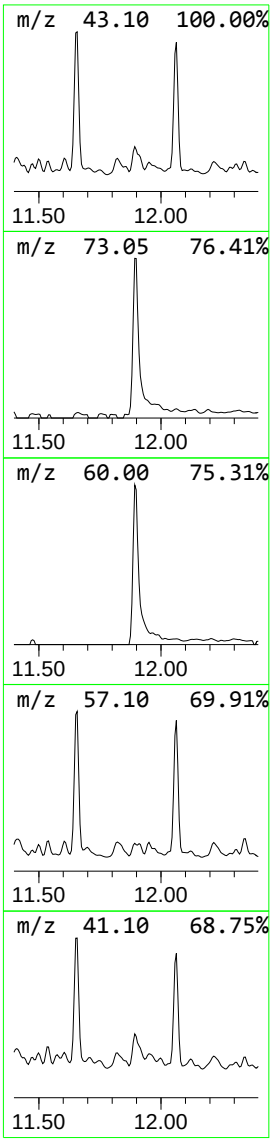
Peak Number 14 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	10.79 ng	229632	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Tridecanoic acid	214	C13H26O2	000638-53-9	55
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	49
4	Undecanoic acid	186	C11H22O2	000112-37-8	49
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	46





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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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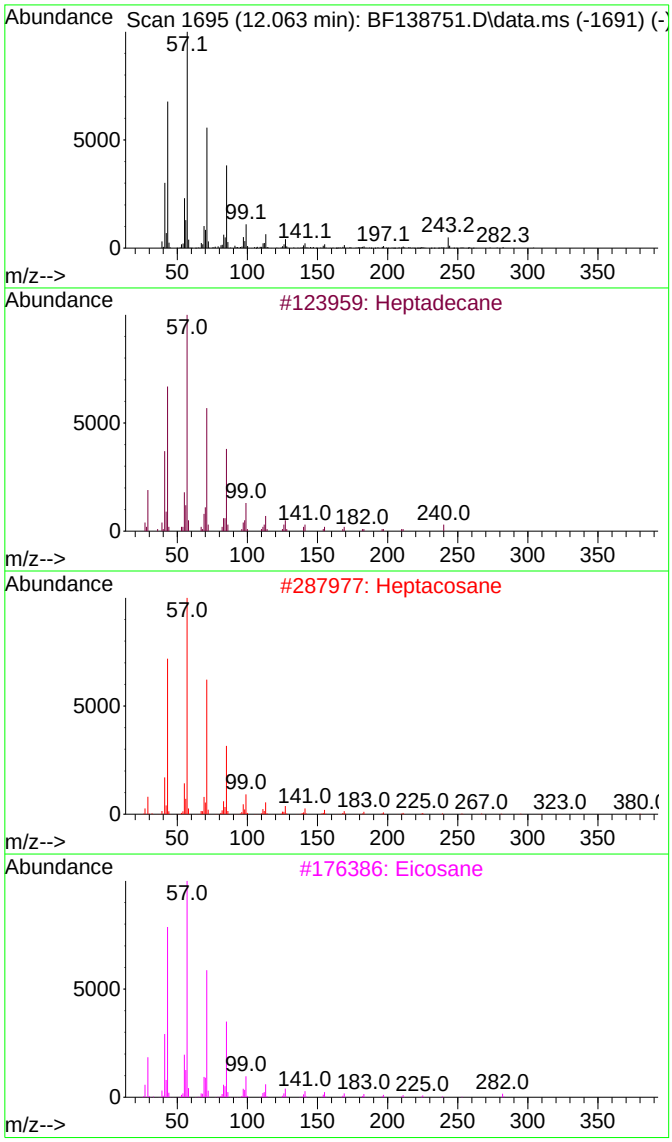
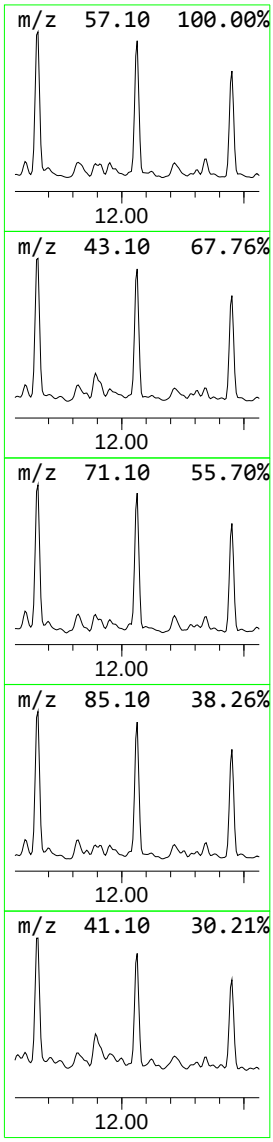
Peak Number 15 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.063	23.10 ng	491754	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Heptacosane	380	C27H56	000593-49-7	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Hexadecane	226	C16H34	000544-76-3	90
5	Heneicosane	296	C21H44	000629-94-7	90





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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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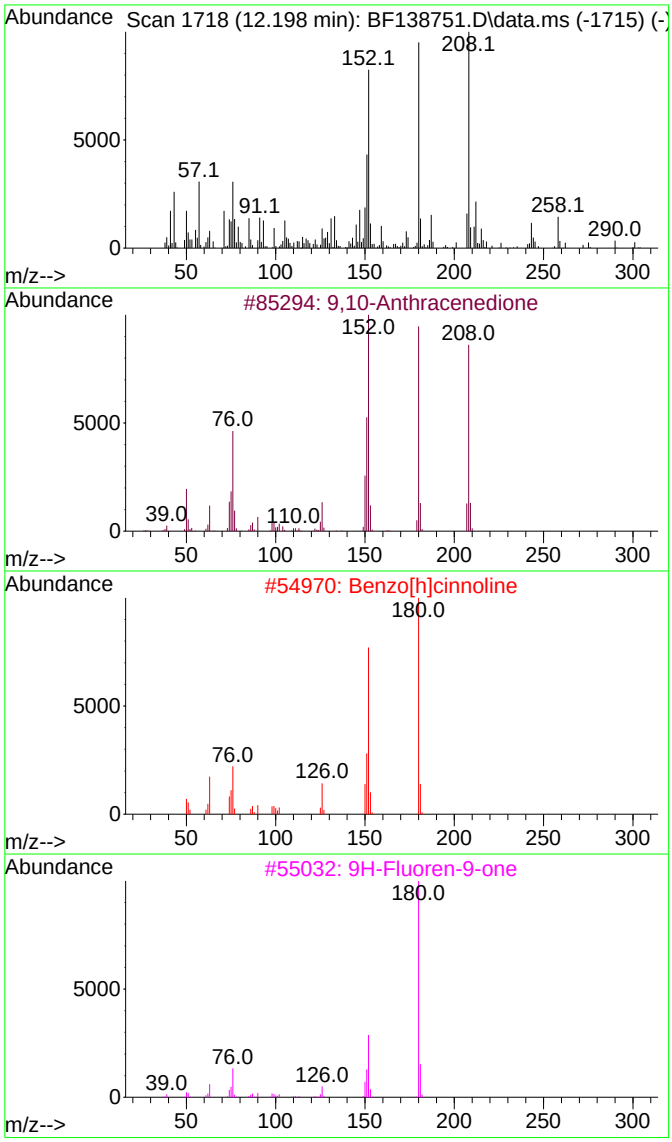
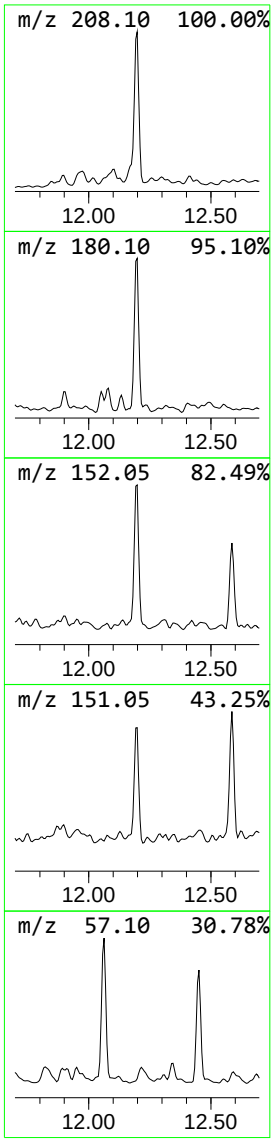
Peak Number 16 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.198	8.23 ng	175128	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	60
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	49





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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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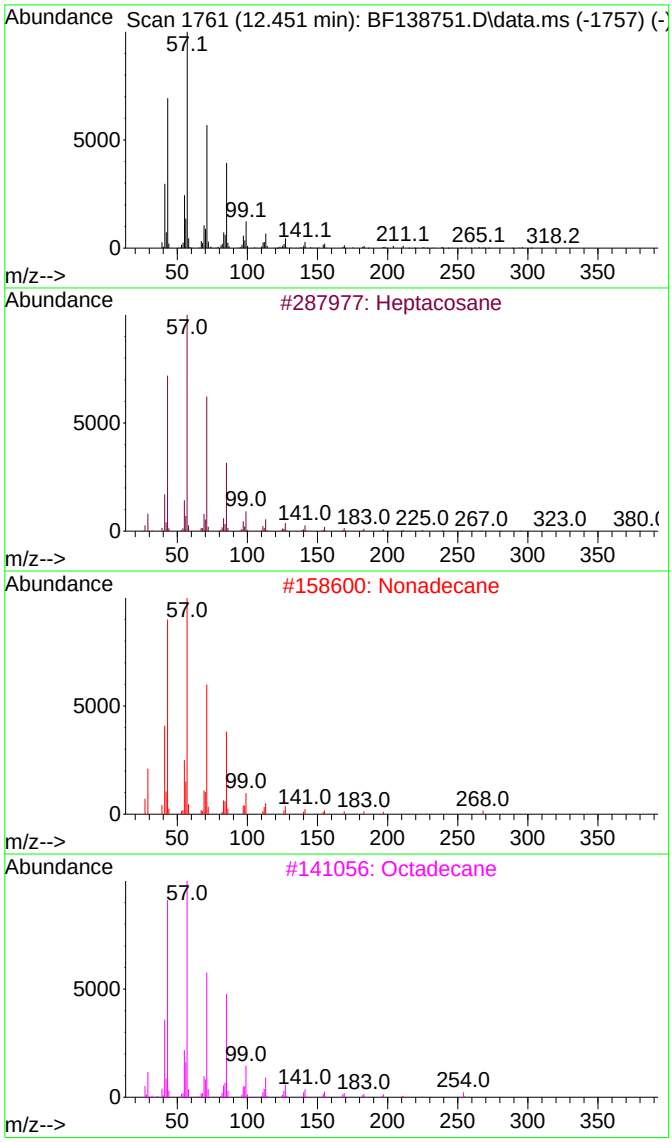
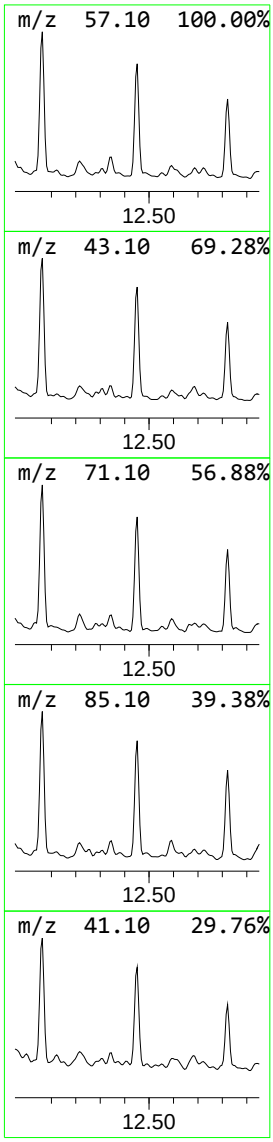
Peak Number 17 Tridecane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	21.09 ng	448942	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Nonadecane	268	C19H40	000629-92-5	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	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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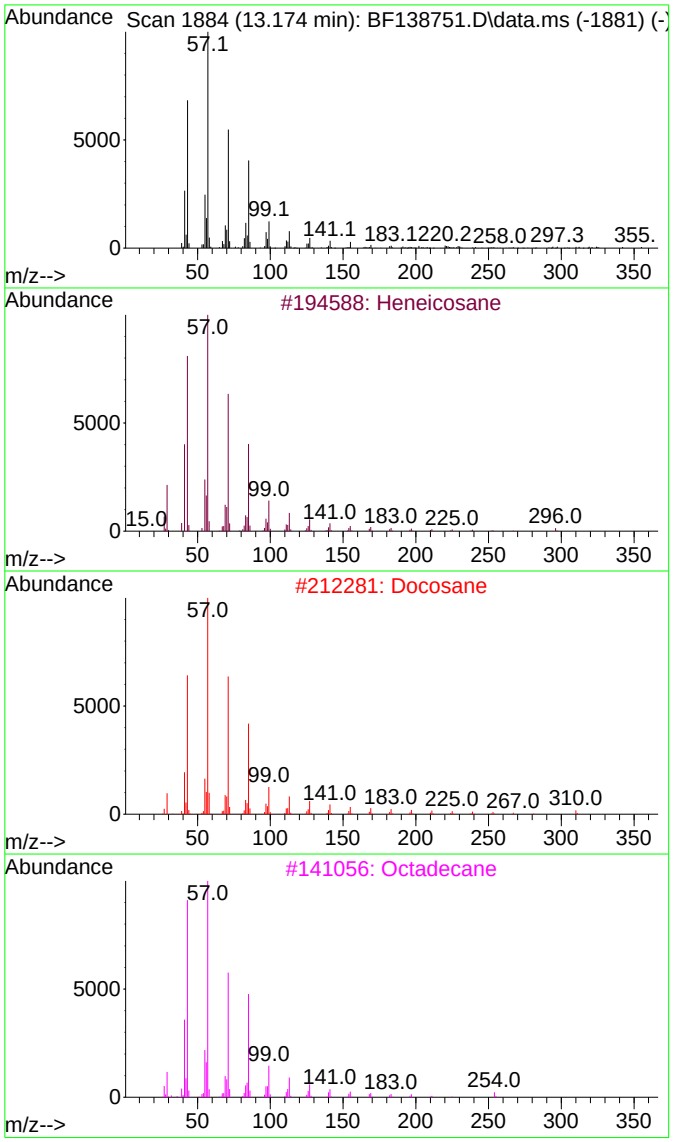
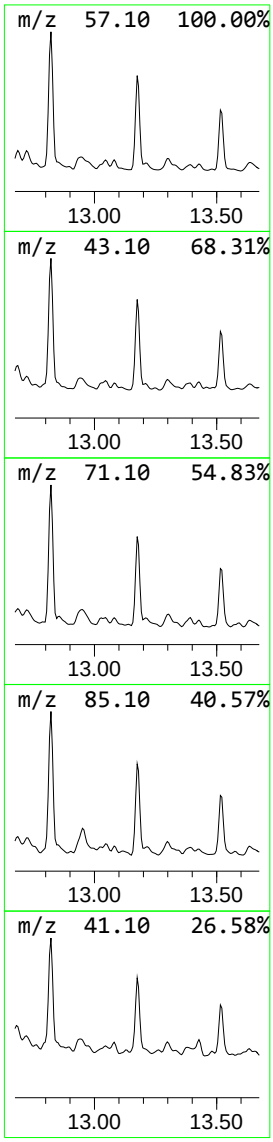
Peak Number 18 Heneicosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.175	5.39 ng	167151	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Docosane	310	C22H46	000629-97-0	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Tetradecane	198	C14H30	000629-59-4	91
5	Hexadecane	226	C16H34	000544-76-3	91





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Data File : BF138751.D
Acq On : 02 Aug 2024 17:14
Operator : RC/JU
Sample : P3417-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-073124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.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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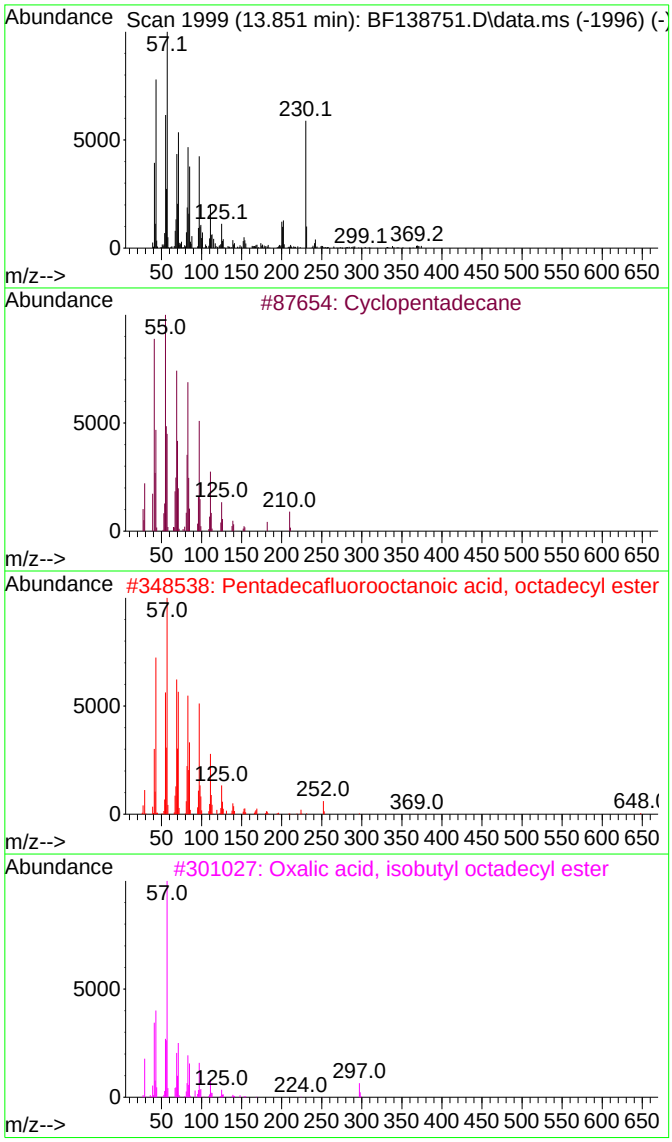
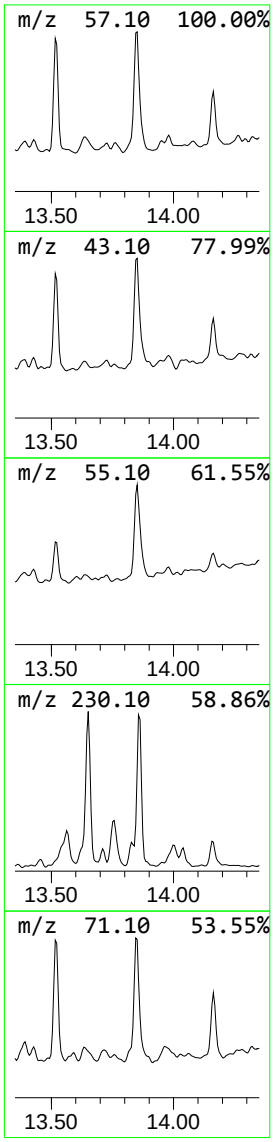
Peak Number 19 Cyclopentadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.851	11.38 ng	352831	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	80
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	64
3	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	58
4	17-Pentatriacontene	491	C35H70	006971-40-0	58
5	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
Data File : BF138751.D
Acq On : 02 Aug 2024 17:14
Operator : RC/JU
Sample : P3417-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-073124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.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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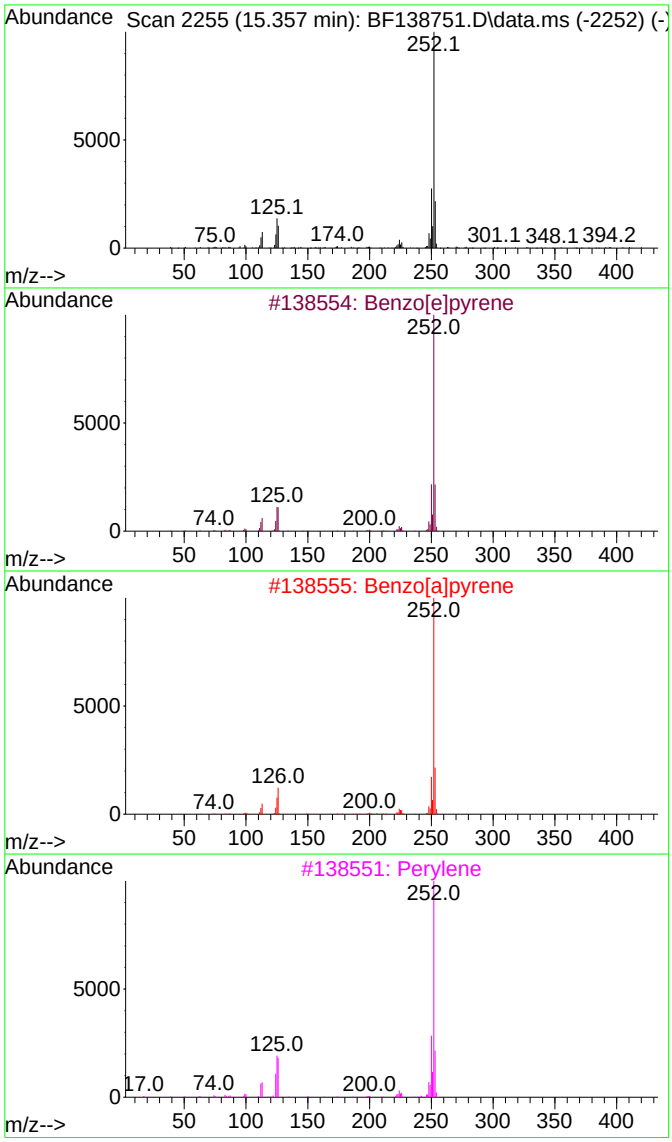
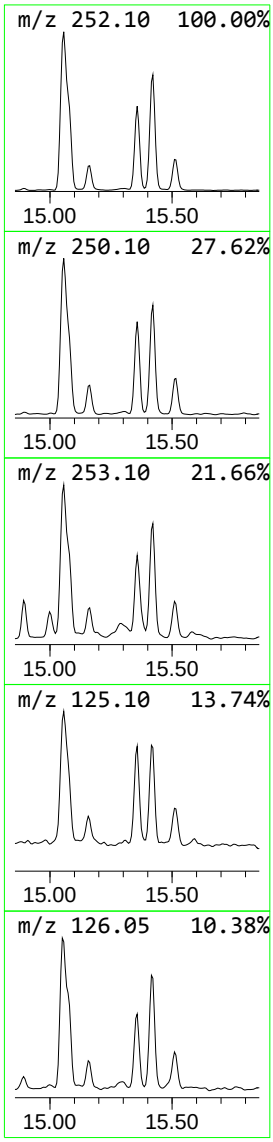
Peak Number 20 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.357	10.94 ng	191234	Perylene-d12	15.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
Data File : BF138751.D
Acq On : 02 Aug 2024 17:14
Operator : RC/JU
Sample : P3417-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-073124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.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
2-Pentanone, 4-...	5.063	7.4	ng	108459	1	6.845	291628	20.0
Tetradecane	9.275	8.8	ng	146000	3	9.881	330498	20.0
Naphthalene, 2,...	9.534	7.1	ng	116766	3	9.881	330498	20.0
Decane, 2,3,5,8...	9.592	11.4	ng	187718	3	9.881	330498	20.0
Pentadecane	9.804	11.4	ng	188783	3	9.881	330498	20.0
Dodecane	10.128	5.8	ng	96012	3	9.881	330498	20.0
Naphthalene, 1,...	10.198	5.9	ng	98124	3	9.881	330498	20.0
Hexadecane	10.304	20.8	ng	343539	3	9.881	330498	20.0
Heptacosane	10.522	15.9	ng	261963	3	9.881	330498	20.0
Heptadecane	10.781	35.7	ng	760280	4	11.369	425723	20.0
Nonadecane	11.227	27.3	ng	581090	4	11.369	425723	20.0
Hexadecane, 2,6...	11.257	13.8	ng	292751	4	11.369	425723	20.0
Dodecane, 2-met...	11.657	24.3	ng	517755	4	11.369	425723	20.0
n-Hexadecanoic ...	11.898	10.8	ng	229632	4	11.369	425723	20.0
Eicosane	12.063	23.1	ng	491754	4	11.369	425723	20.0
9,10-Anthracene...	12.198	8.2	ng	175128	4	11.369	425723	20.0
Tridecane, 2-me...	12.451	21.1	ng	448942	4	11.369	425723	20.0
Heneicosane	13.175	5.4	ng	167151	5	14.010	619838	20.0
Cyclopentadecane	13.851	11.4	ng	352831	5	14.010	619838	20.0
Benzo[e]pyrene	15.357	10.9	ng	191234	6	15.480	349676	20.0