LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139831.D
Acq On : 16 Oct 2024 16:09
Operator : RC/JU
Sample : P4410-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-101524

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-BF101524.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139831.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.881	297	304	310	rVB	4658	8051	1.12%	0.103%
2	5.045	495	502	511	rBV	19255	28740	3.99%	0.366%
3	5.463	568	573	589	rVB	317257	421596	58.46%	5.375%
4	6.481	741	746	762	rBV	331911	438633	60.82%	5.593%
5	6.851	804	809	814	rBV	403175	487531	67.61%	6.216%
6	7.410	899	904	914	rVB	215685	273284	37.90%	3.484%
7	7.669	942	948	956	rVB6	7753	12656	1.75%	0.161%
8	8.134	1020	1027	1035	rBV	511762	636977	88.33%	8.122%
9	8.633	1109	1112	1115	rBV3	6595	8754	1.21%	0.112%
10	8.722	1123	1127	1130	rBV2	9817	12419	1.72%	0.158%
11	8.951	1161	1166	1170	rBV4	12227	19990	2.77%	0.255%
12	9.081	1184	1188	1193	rBV6	5145	8757	1.21%	0.112%
13	9.151	1197	1200	1205	rVB3	8595	10528	1.46%	0.134%
14	9.204	1205	1209	1214	rBV	430252	525556	72.88%	6.701%
15	9.281	1218	1222	1226	rBV	32886	42541	5.90%	0.542%
16	9.357	1232	1235	1239	rVB	8040	8513	1.18%	0.109%
17	9.475	1251	1255	1258	rBV4	7924	10384	1.44%	0.132%
18	9.545	1259	1267	1269	rBV4	14736	29872	4.14%	0.381%
19	9.598	1273	1276	1280	rVV4	22969	38146	5.29%	0.486%
20	9.663	1284	1287	1291	rVB3	10846	12774	1.77%	0.163%
21	9.751	1298	1302	1305	rBV4	10176	15526	2.15%	0.198%
22	9.810	1308	1312	1317	rVB	52270	67028	9.29%	0.855%
23	9.886	1320	1325	1330	rVV	534524	649676	90.09%	8.284%
24	9.992	1339	1343	1347	rBV4	8103	11527	1.60%	0.147%
25	10.045	1348	1352	1354	rBV4	12928	19834	2.75%	0.253%
26	10.133	1363	1367	1371	rBV4	18897	26470	3.67%	0.338%
27	10.204	1376	1379	1382	rBV4	11299	17481	2.42%	0.223%
28	10.310	1391	1397	1401	rBV	87343	115232	15.98%	1.469%
29	10.433	1414	1418	1424	rBV4	10895	22881	3.17%	0.292%
30	10.527	1430	1434	1440	rBV	34309	52057	7.22%	0.664%
31	10.598	1441	1446	1452	rVB2	24856	43472	6.03%	0.554%
32	10.675	1452	1459	1470	rVB	199721	274600	38.08%	3.501%
33	10.786	1473	1478	1486	rVB	119848	200561	27.81%	2.557%
34	10.857	1487	1490	1493	rBV	10186	17316	2.40%	0.221%
35	10.980	1507	1511	1513	rBV3	15659	23418	3.25%	0.299%
36	11.069	1524	1526	1529	rVB2	11024	10475	1.45%	0.134%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139831.D
Acq On : 16 Oct 2024 16:09
Operator : RC/JU
Sample : P4410-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-101524

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-BF101524.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.233	1549	1554	1557	rBV	93381	129333	17.93%	1.649%
38	11.263	1557	1559	1565	rVB2	46880	59415	8.24%	0.758%
39	11.374	1573	1578	1587	rBV	501331	721142	100.00%	9.195%
40	11.445	1588	1590	1593	rVB	14363	15491	2.15%	0.198%
41	11.610	1615	1618	1622	rBV3	14307	20029	2.78%	0.255%
42	11.657	1622	1626	1631	rVV	81093	100557	13.94%	1.282%
43	11.898	1660	1667	1673	rBV4	54130	109786	15.22%	1.400%
44	11.986	1678	1682	1689	rVB2	39136	74532	10.34%	0.950%
45	12.063	1691	1695	1700	rBV	70482	92986	12.89%	1.186%
46	12.351	1741	1744	1752	rVB3	16707	29632	4.11%	0.378%
47	12.421	1753	1756	1757	rBV	26603	28359	3.93%	0.362%
48	12.451	1758	1761	1768	rVB2	91331	158817	22.02%	2.025%
49	12.586	1780	1784	1788	rBV	85697	107153	14.86%	1.366%
50	12.816	1818	1823	1830	rBV2	136899	237097	32.88%	3.023%
51	12.957	1842	1847	1855	rVB	340336	457752	63.48%	5.836%
52	13.180	1882	1885	1888	rBV	41665	55973	7.76%	0.714%
53	14.016	2022	2027	2037	rVB2	338373	524883	72.78%	6.692%
54	15.480	2272	2276	2284	rVB	197091	316749	43.92%	4.039%

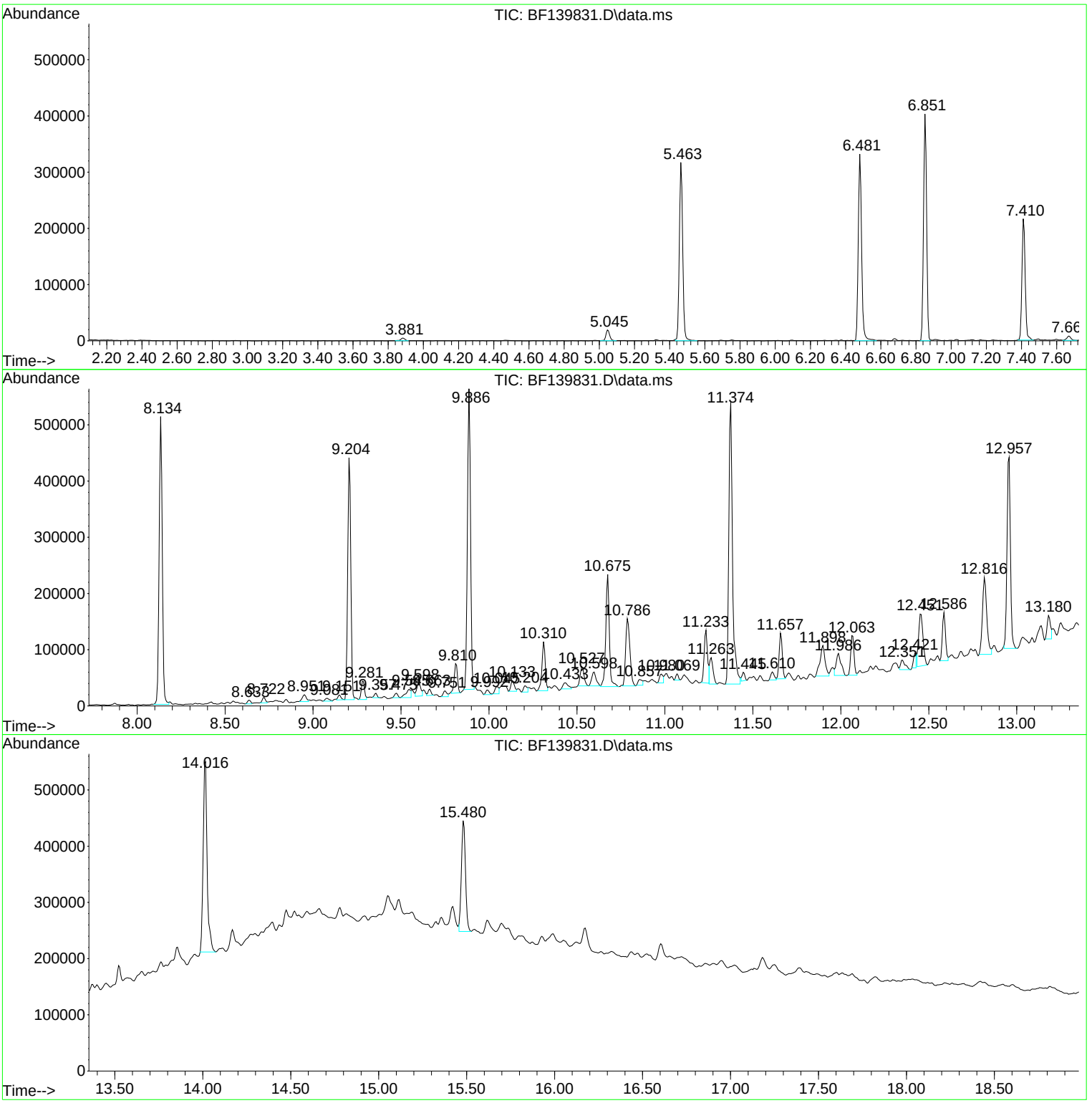
Sum of corrected areas: 7842942

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139831.D
Acq On : 16 Oct 2024 16:09
Operator : RC/JU
Sample : P4410-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-101524

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.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\BF101624\
Data File : BF139831.D
Acq On : 16 Oct 2024 16:09
Operator : RC/JU
Sample : P4410-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-101524

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.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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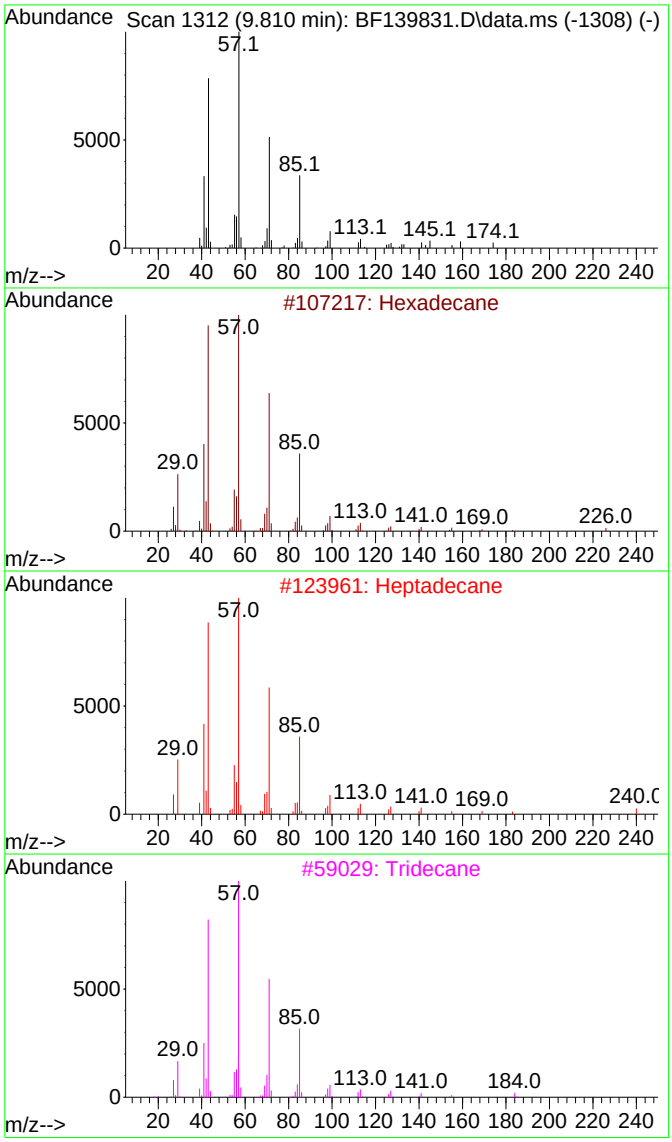
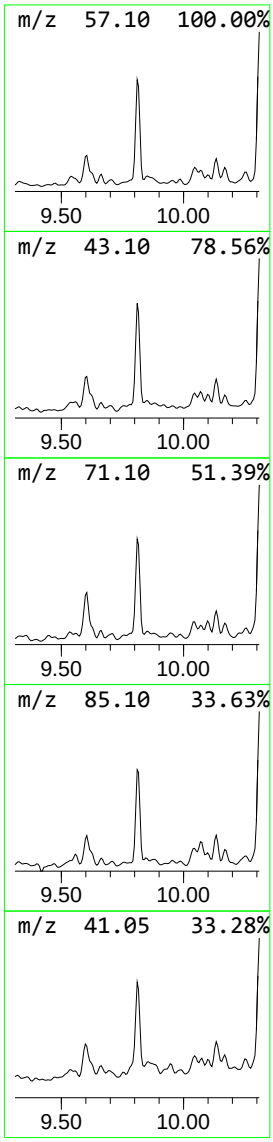
Peak Number 1 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.810	2.06 ng	67028	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Heptadecane	240	C17H36	000629-78-7	86
3	Tridecane	184	C13H28	000629-50-5	86
4	Octacosane	394	C28H58	000630-02-4	83
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139831.D
Acq On : 16 Oct 2024 16:09
Operator : RC/JU
Sample : P4410-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-101524

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.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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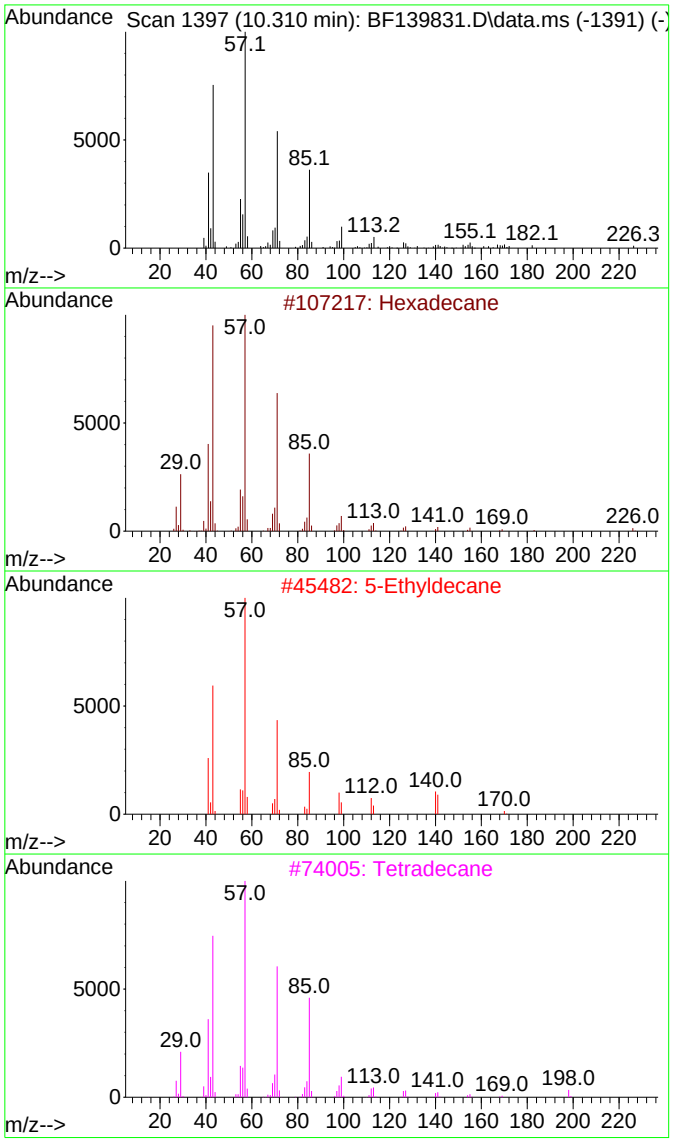
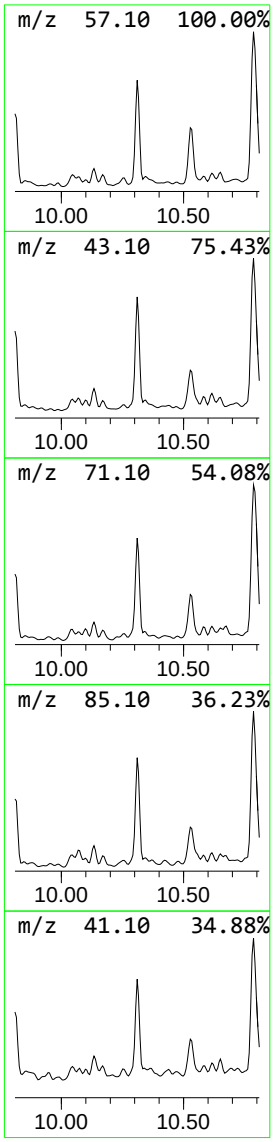
Peak Number 2 5-Ethyldecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.310	3.55 ng	115232	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	5-Ethyldecane	170	C12H26	017302-36-2	91
3	Tetradecane	198	C14H30	000629-59-4	90
4	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	87
5	Eicosane	282	C20H42	000112-95-8	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139831.D
Acq On : 16 Oct 2024 16:09
Operator : RC/JU
Sample : P4410-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-101524

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.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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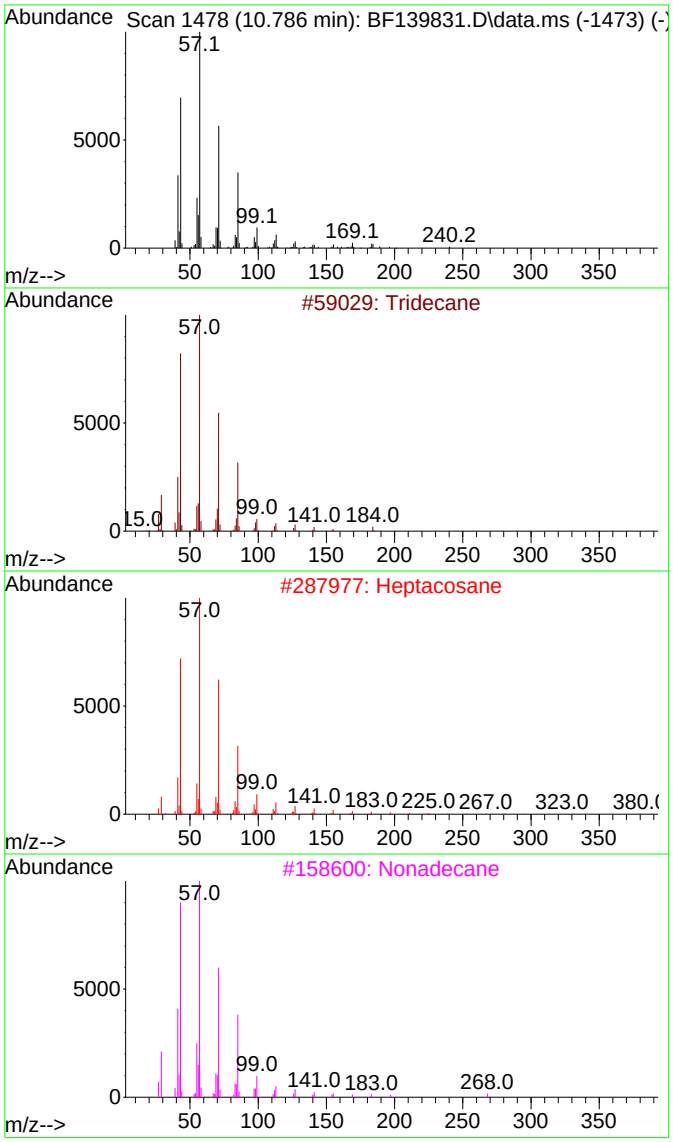
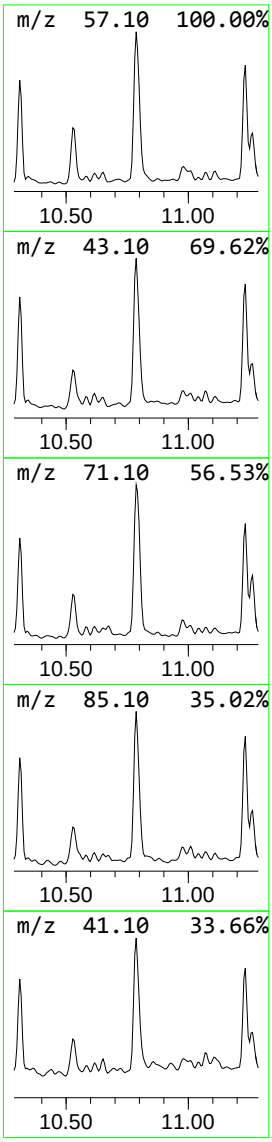
Peak Number 3 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.786	5.56 ng	200561	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Heptacosane	380	C27H56	000593-49-7	90
3	Nonadecane	268	C19H40	000629-92-5	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Heptadecane	240	C17H36	000629-78-7	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139831.D
Acq On : 16 Oct 2024 16:09
Operator : RC/JU
Sample : P4410-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-101524

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.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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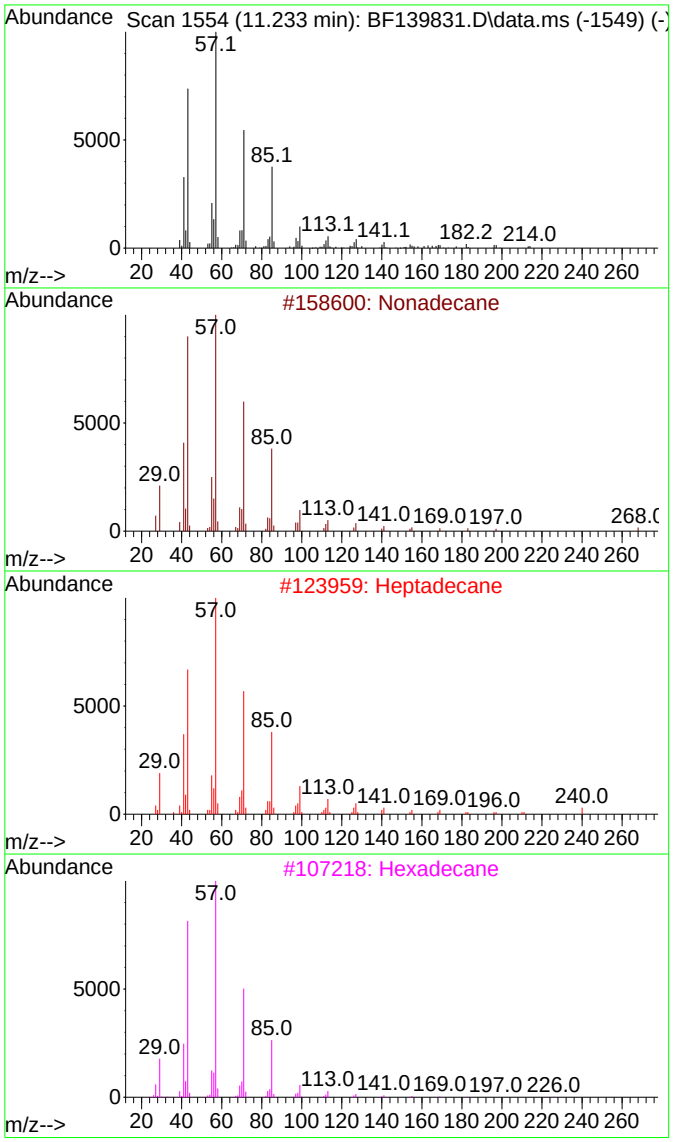
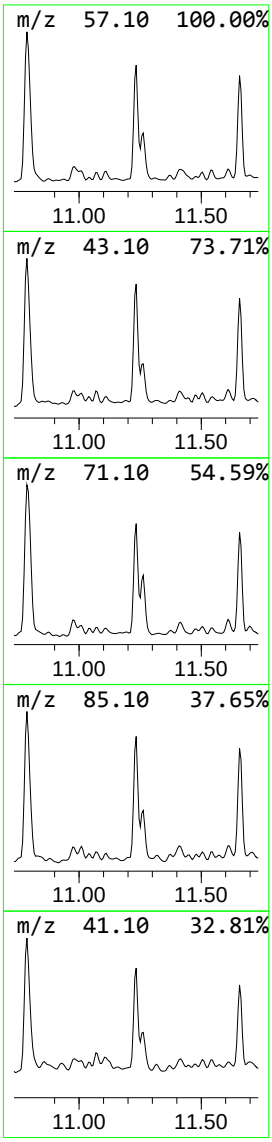
Peak Number 4 Nonadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.233	3.59 ng	129333	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tetracosane	338	C24H50	000646-31-1	87
5	Eicosane	282	C20H42	000112-95-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139831.D
Acq On : 16 Oct 2024 16:09
Operator : RC/JU
Sample : P4410-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-101524

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.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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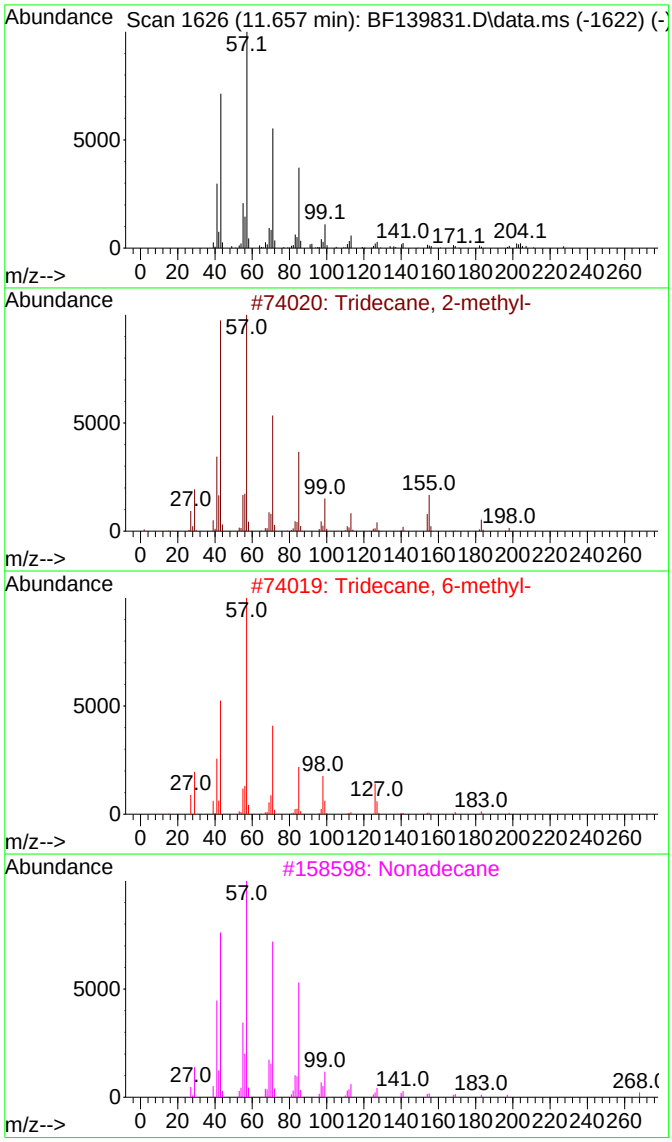
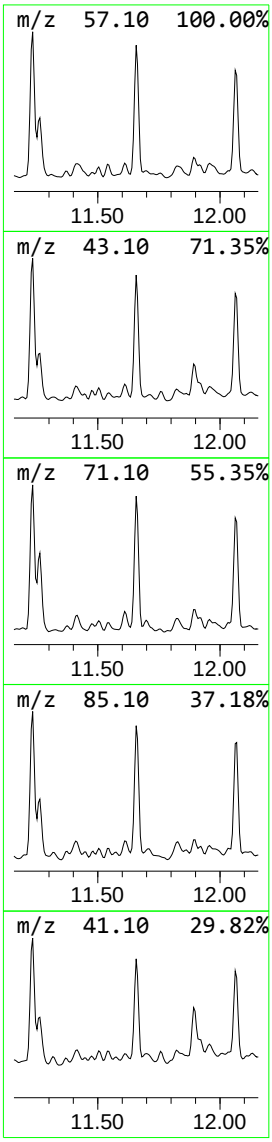
Peak Number 5 Tridecane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.657	2.79 ng	100557	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	93
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
3	Nonadecane	268	C19H40	000629-92-5	87
4	Eicosane	282	C20H42	000112-95-8	86
5	Heneicosane	296	C21H44	000629-94-7	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139831.D
Acq On : 16 Oct 2024 16:09
Operator : RC/JU
Sample : P4410-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-101524

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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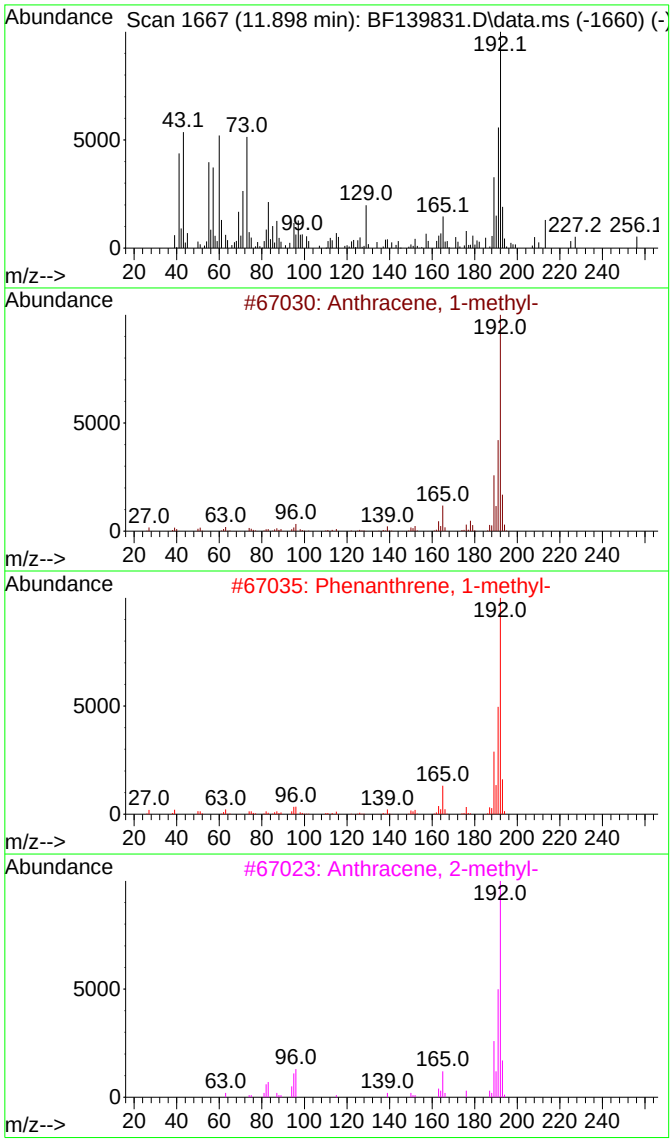
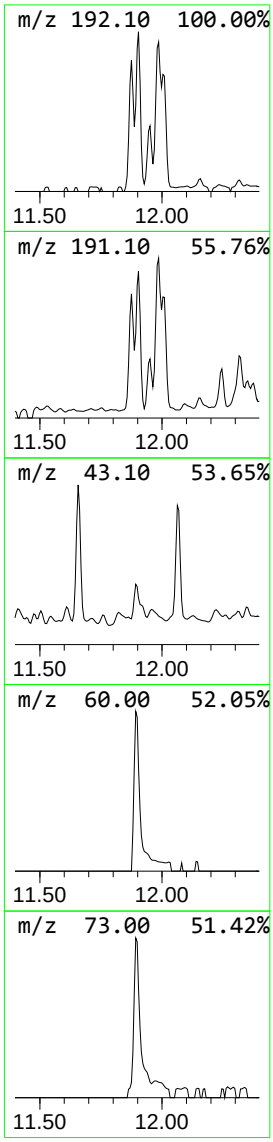
Peak Number 6 Anthracene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	3.04 ng	109786	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	70
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	60
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139831.D
Acq On : 16 Oct 2024 16:09
Operator : RC/JU
Sample : P4410-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-101524

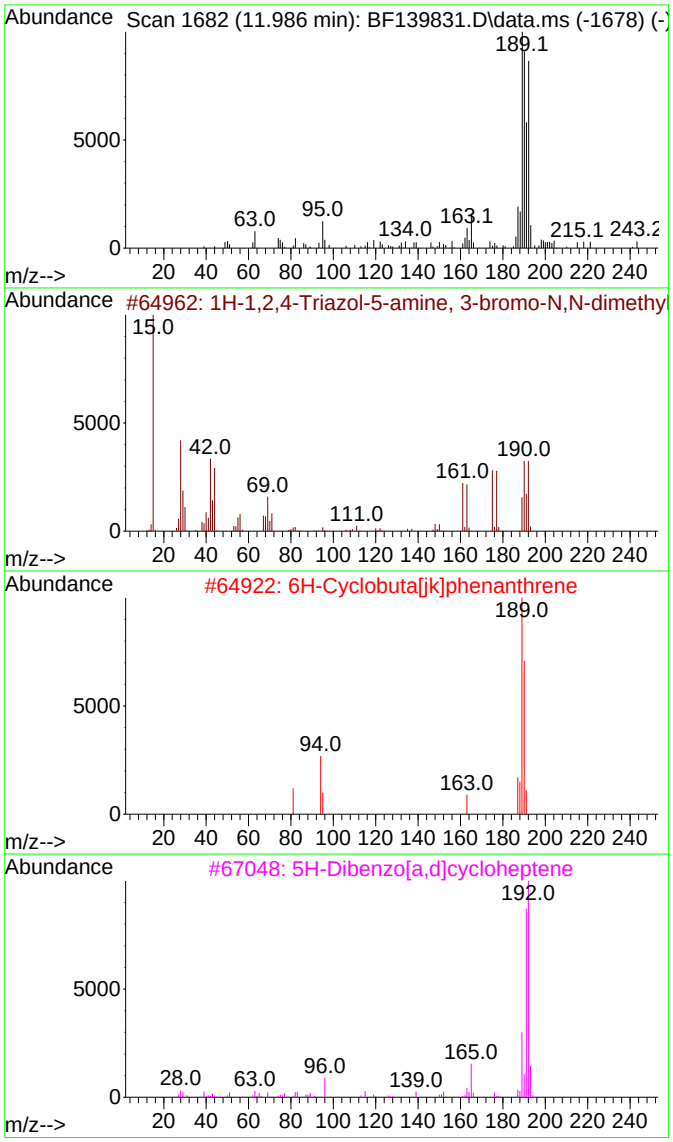
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

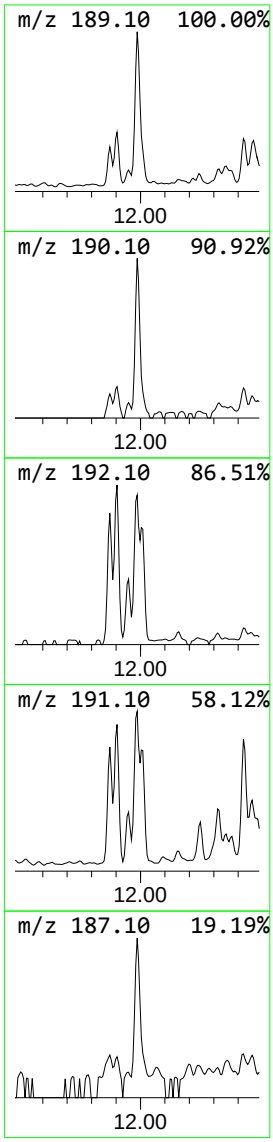
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-1,2,4-Triazol-5-amine, 3... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.986	2.07 ng	74532	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-1,2,4-Triazol-5-amine, 3-brom...	190	C4H7BrN4	1000460-85-7	50
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	46
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
4	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	38
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139831.D
Acq On : 16 Oct 2024 16:09
Operator : RC/JU
Sample : P4410-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-101524

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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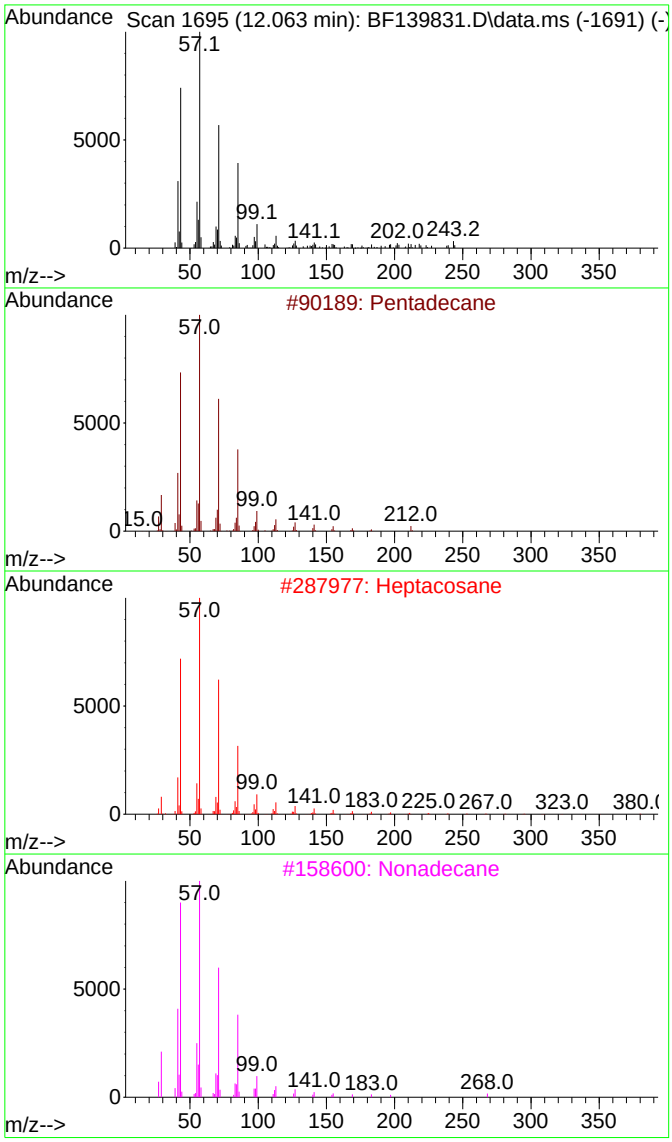
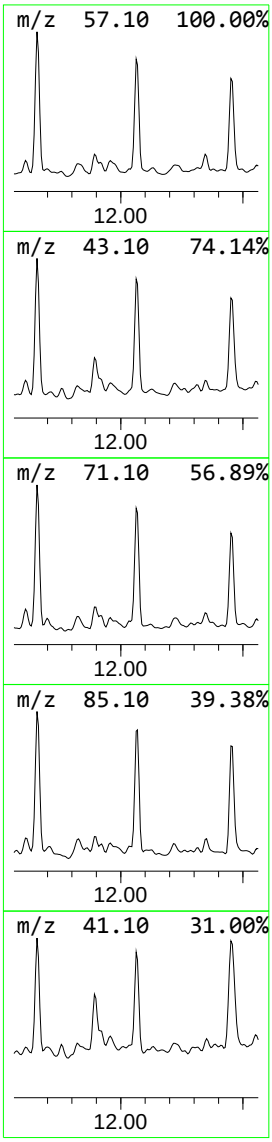
Peak Number 8 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.063	2.58 ng	92986	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	97
2	Heptacosane	380	C27H56	000593-49-7	87
3	Nonadecane	268	C19H40	000629-92-5	87
4	Eicosane	282	C20H42	000112-95-8	87
5	Tetracosane	338	C24H50	000646-31-1	83





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Operator : RC/JU
Sample : P4410-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-04-101524

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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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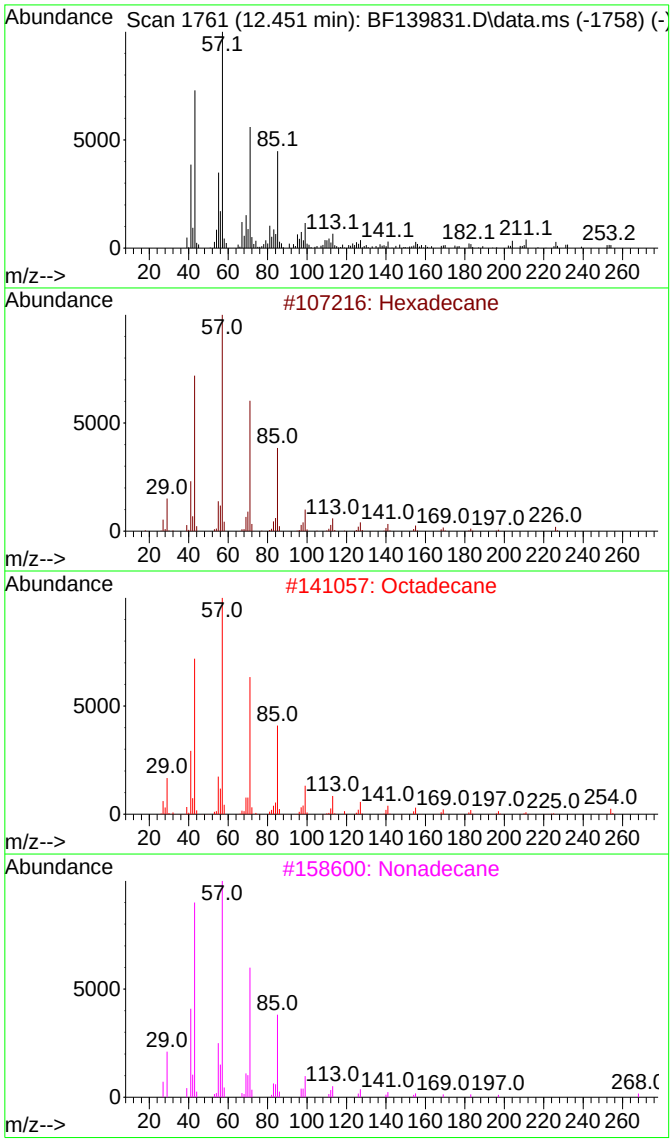
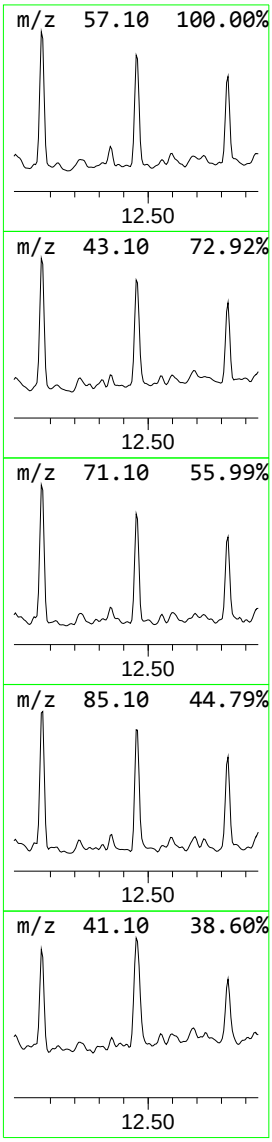
Peak Number 9 Octadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	4.40 ng	158817	Phenanthrene-d10	11.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Octadecane	254	C18H38	000593-45-3	87
3	Nonadecane	268	C19H40	000629-92-5	87
4	Tridecane	184	C13H28	000629-50-5	87
5	Eicosane	282	C20H42	000112-95-8	83





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Data File : BF139831.D
Acq On : 16 Oct 2024 16:09
Operator : RC/JU
Sample : P4410-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-101524

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.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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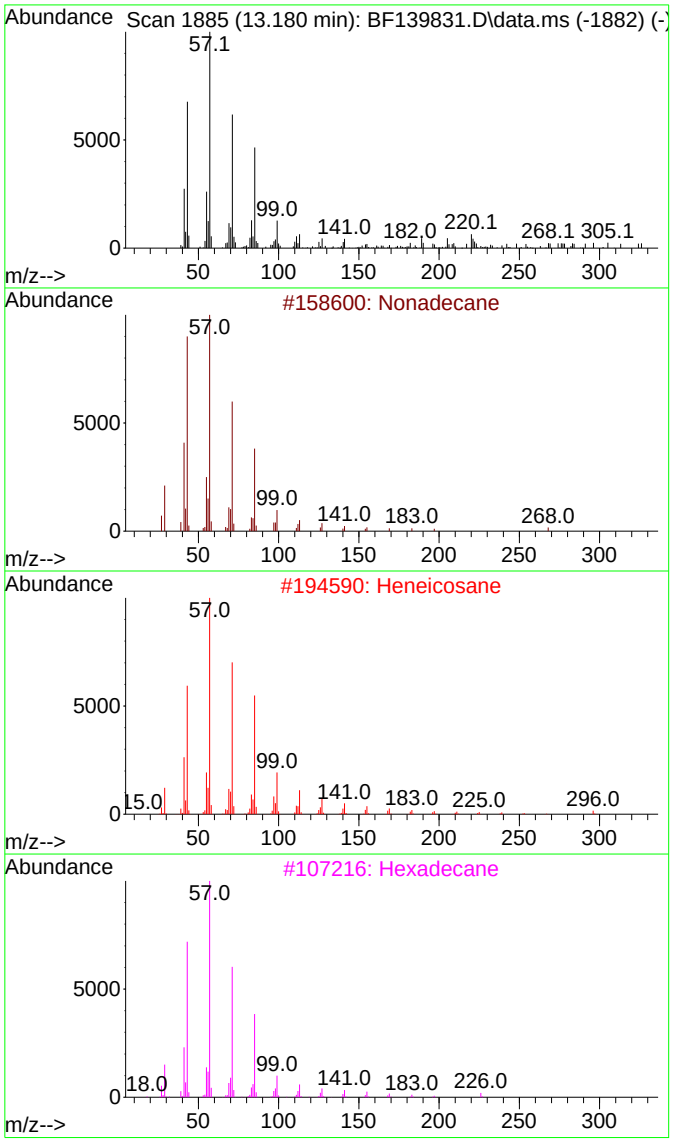
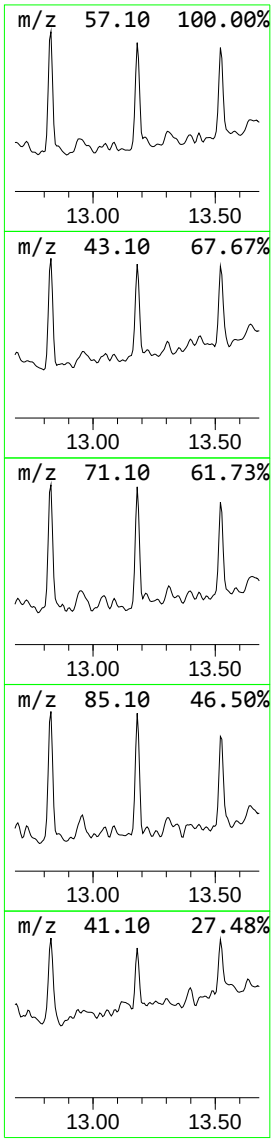
Peak Number 10 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.180	2.13 ng	55973	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	98
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexadecane	226	C16H34	000544-76-3	87
4	Octadecane	254	C18H38	000593-45-3	83
5	Tetracosane	338	C24H50	000646-31-1	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139831.D
Acq On : 16 Oct 2024 16:09
Operator : RC/JU
Sample : P4410-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-101524

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.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
Hexadecane	9.810	2.1	ng	67028	3	9.886	649676	20.0
5-Ethyldecane	10.310	3.5	ng	115232	3	9.886	649676	20.0
Tridecane	10.786	5.6	ng	200561	4	11.374	721142	20.0
Nonadecane	11.233	3.6	ng	129333	4	11.374	721142	20.0
Tridecane, 2-me...	11.657	2.8	ng	100557	4	11.374	721142	20.0
Anthracene, 1-m...	11.898	3.0	ng	109786	4	11.374	721142	20.0
1H-1,2,4-Triazo...	11.986	2.1	ng	74532	4	11.374	721142	20.0
Pentadecane	12.063	2.6	ng	92986	4	11.374	721142	20.0
Octadecane	12.451	4.4	ng	158817	4	11.374	721142	20.0
Heneicosane	13.180	2.1	ng	55973	5	14.015	524883	20.0