LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120624\
Data File : BF140764.D
Acq On : 06 Dec 2024 14:14
Operator : RC/JU
Sample : P5137-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAW-OILY-STONES

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-BF112124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140764.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.157	3	11	23	rVB	773528	1279953	49.96%	7.437%
2	5.110	508	513	525	rVB	17281	28731	1.12%	0.167%
3	5.510	575	581	605	rBV	1353110	1902396	74.26%	11.053%
4	6.516	746	752	780	rBV	1335433	1933058	75.46%	11.232%
5	6.869	807	812	819	rBV	295348	358739	14.00%	2.084%
6	7.434	902	908	918	rBV	953717	1281550	50.03%	7.446%
7	8.151	1024	1030	1046	rVB	331163	462037	18.04%	2.685%
8	9.222	1206	1212	1220	rBV	1983331	2561719	100.00%	14.884%
9	9.292	1221	1224	1228	rVB	23473	32944	1.29%	0.191%
10	9.610	1274	1278	1282	rBV3	53995	93274	3.64%	0.542%
11	9.769	1301	1305	1307	rBV4	32994	50926	1.99%	0.296%
12	9.810	1309	1312	1317	rVV3	37023	68092	2.66%	0.396%
13	9.904	1324	1328	1335	rVB	383411	485857	18.97%	2.823%
14	10.057	1351	1354	1356	rBV3	44674	58626	2.29%	0.341%
15	10.310	1394	1397	1402	rBV5	68632	135164	5.28%	0.785%
16	10.545	1432	1437	1441	rBV	241399	425534	16.61%	2.472%
17	10.704	1459	1464	1469	rBV	929688	1282119	50.05%	7.449%
18	10.816	1479	1483	1490	rBV	466851	704269	27.49%	4.092%
19	11.280	1559	1562	1570	rVB	430836	668799	26.11%	3.886%
20	11.398	1579	1582	1586	rBV	369517	505569	19.74%	2.937%
21	12.986	1847	1852	1859	rVB	1490373	1985834	77.52%	11.538%
22	14.051	2029	2033	2046	rVB	266940	418061	16.32%	2.429%
23	15.551	2283	2288	2304	rVB	233586	487778	19.04%	2.834%

Sum of corrected areas: 17211029

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120624\
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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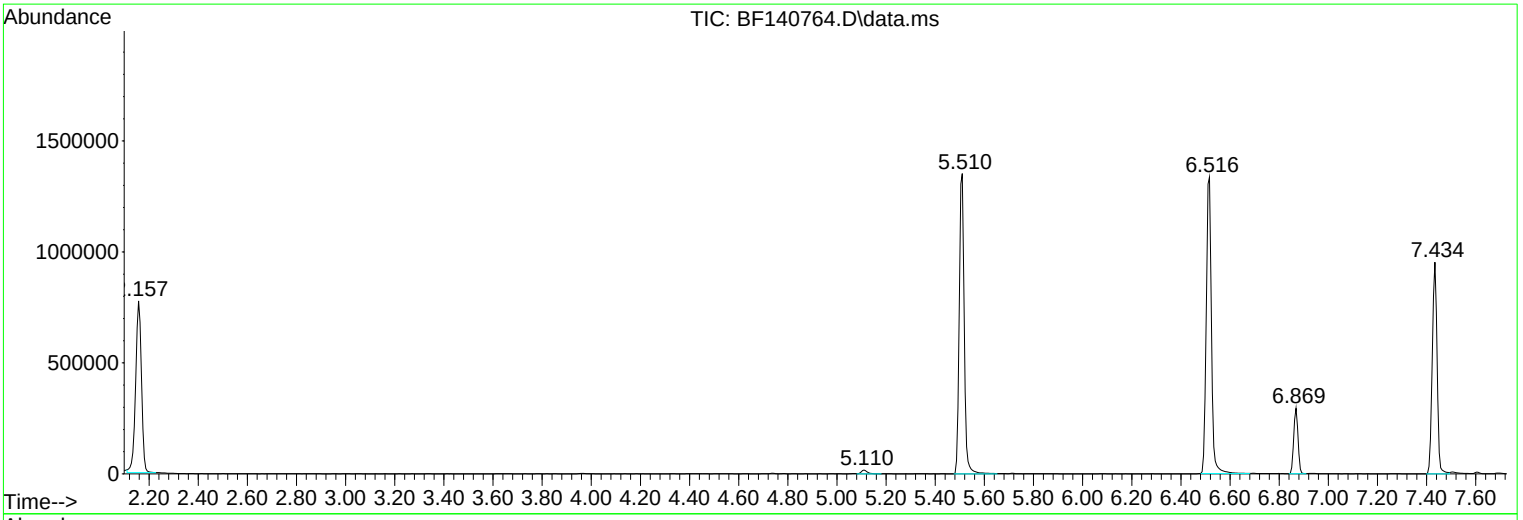
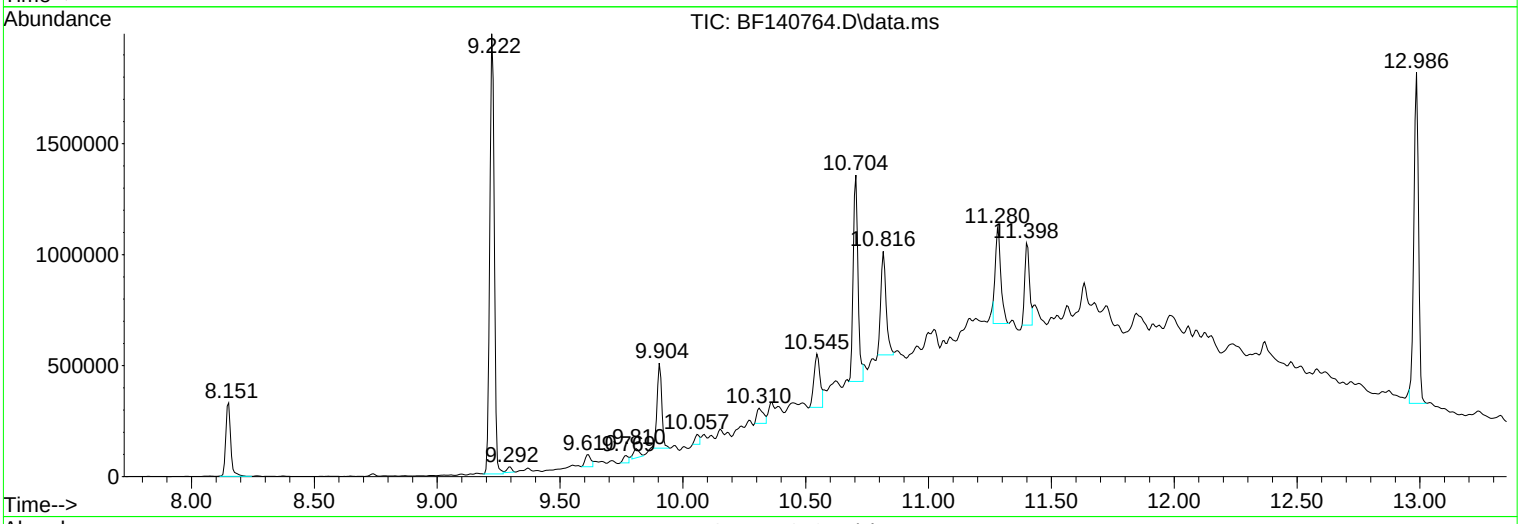
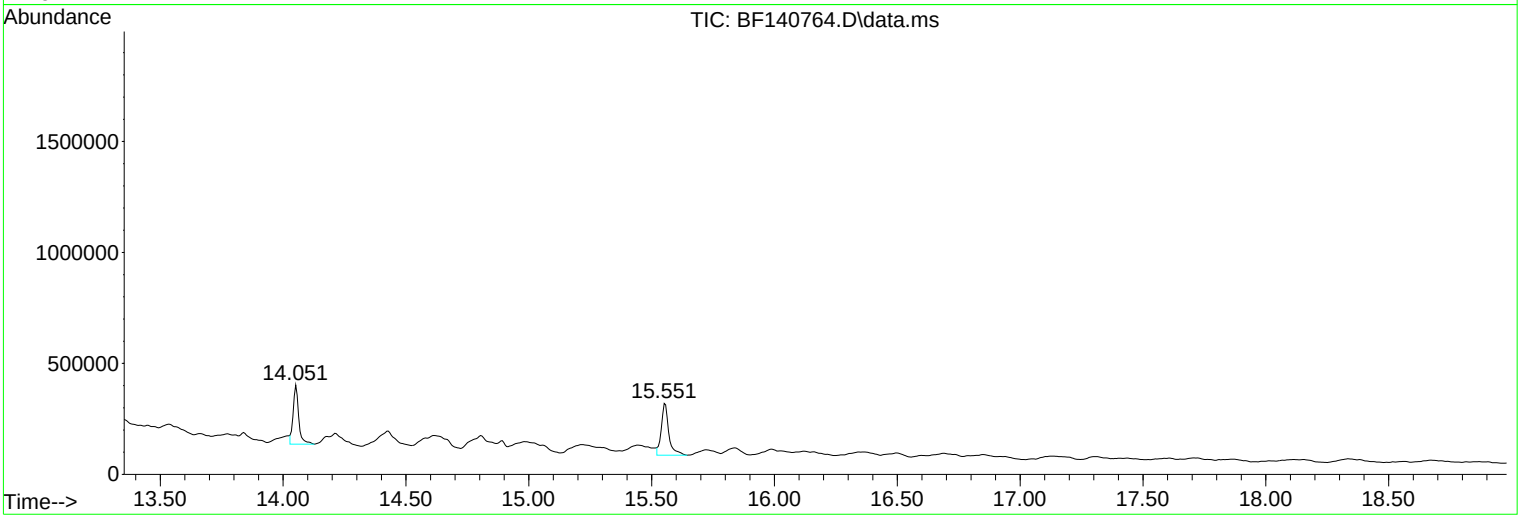
ClientSampleId :
LAW-OILY-STONES

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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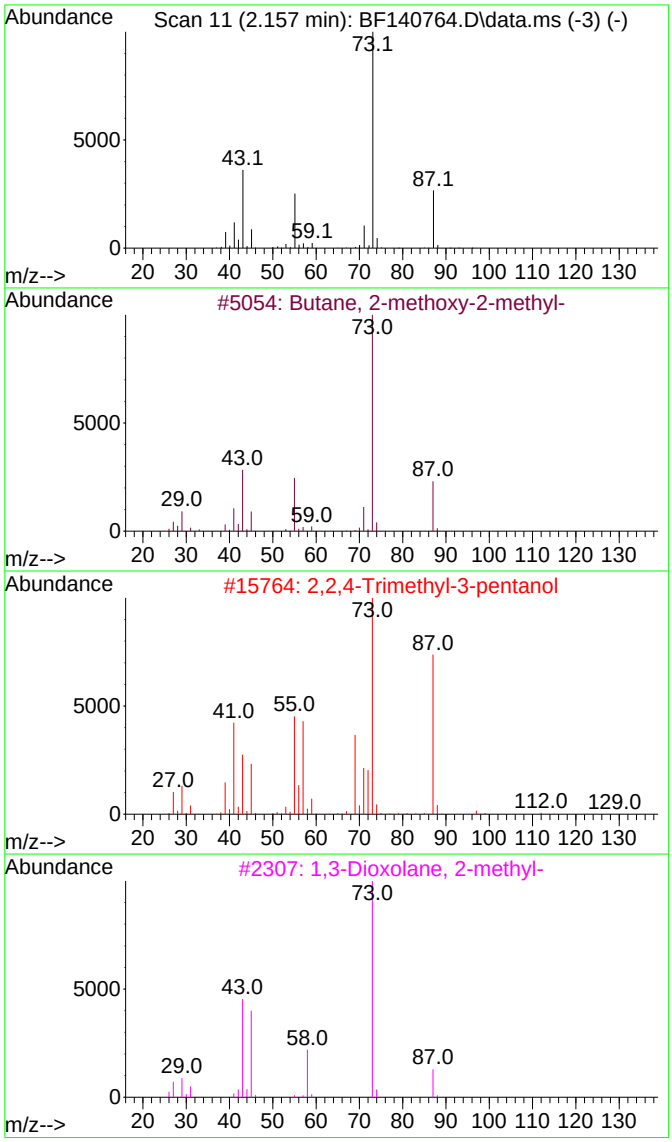
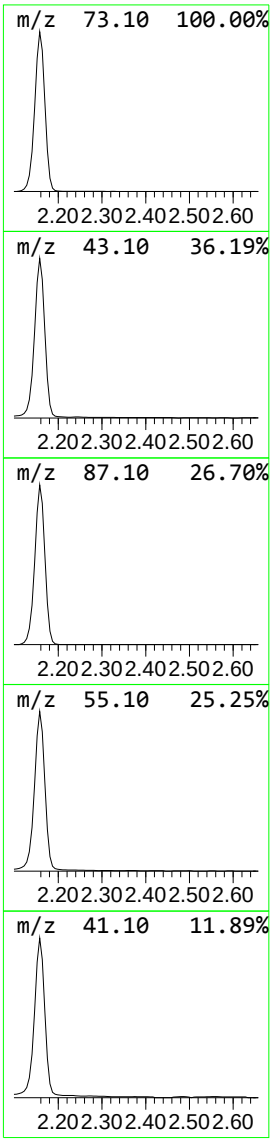
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.157	71.36 ng	1279950	1,4-Dichlorobenzene-d4	6.869

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	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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Data File : BF140764.D
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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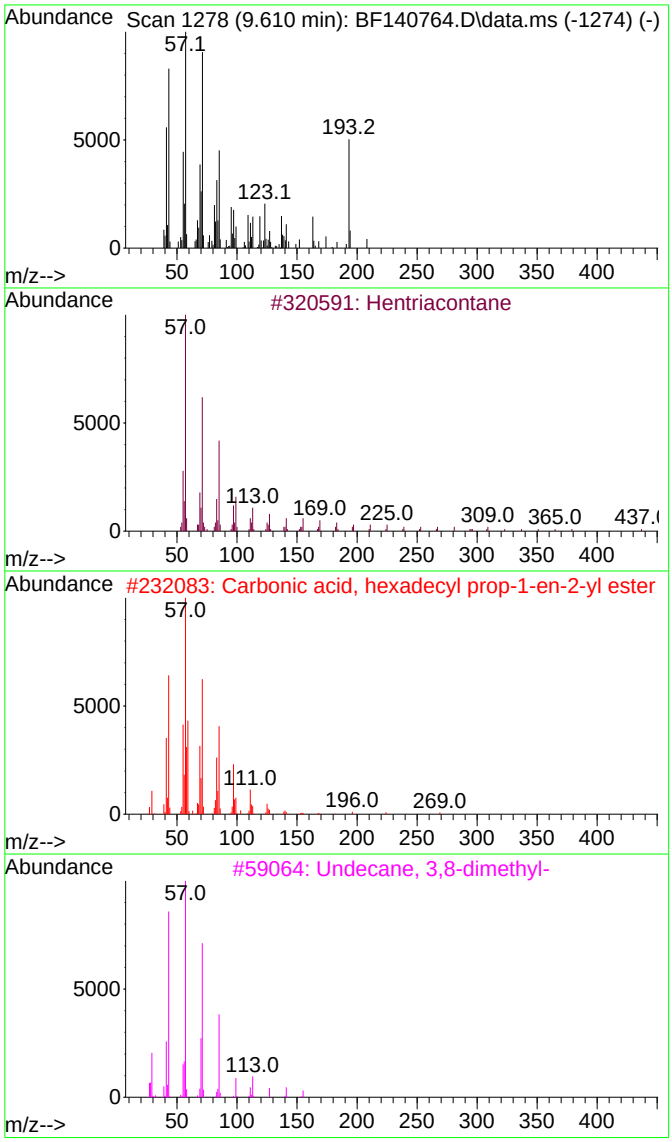
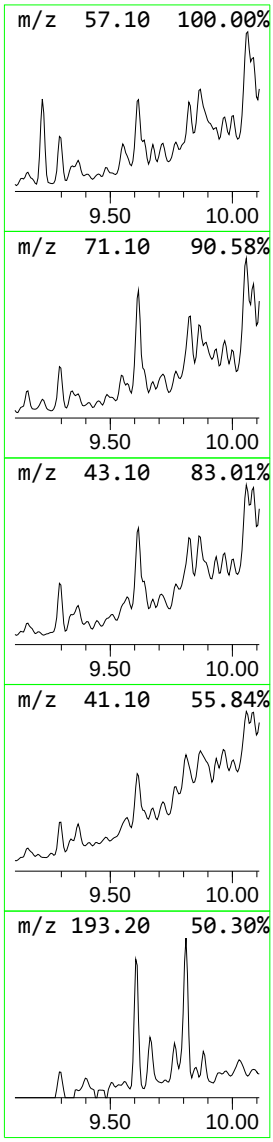
Peak Number 2 unknown9.610 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.610	3.84 ng	93274	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	46
2	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	43
3	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	43
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	43
5	Nonadecane	268	C19H40	000629-92-5	43





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Data File : BF140764.D
Acq On : 06 Dec 2024 14:14
Operator : RC/JU
Sample : P5137-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAW-OILY-STONES

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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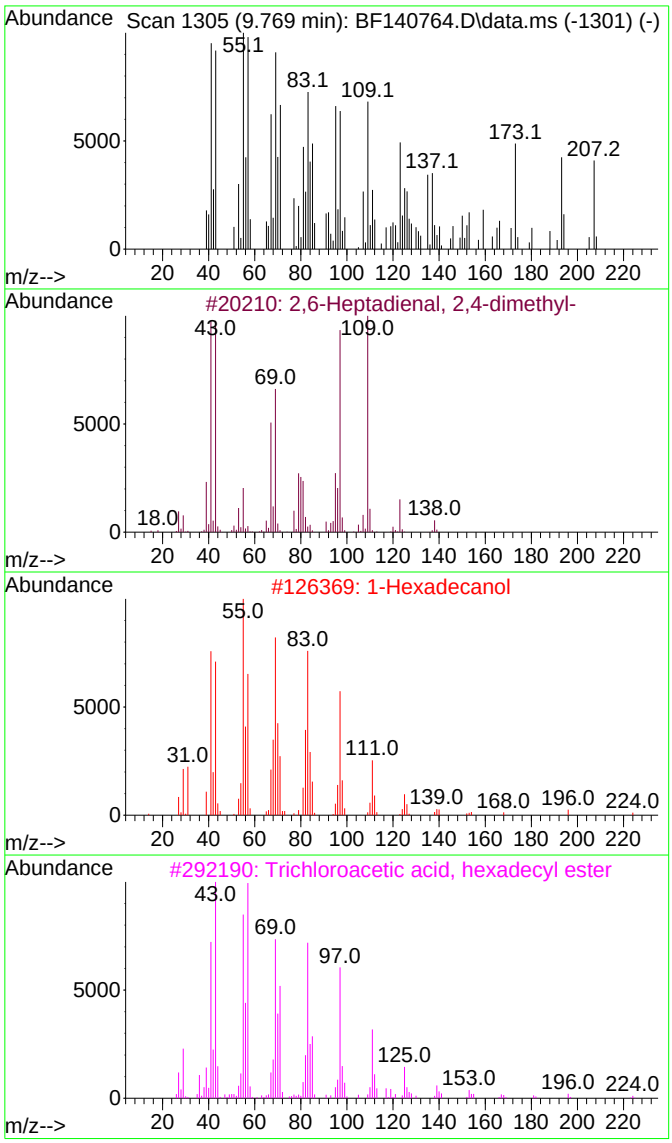
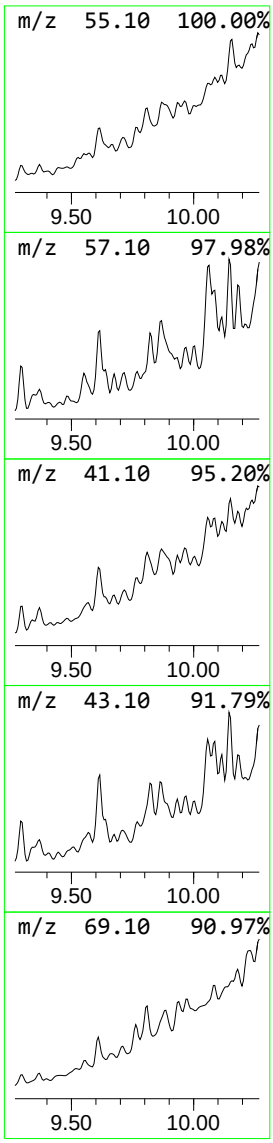
Peak Number 3 unknown9.769 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.769	2.10 ng	50926	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	38
2	1-Hexadecanol	242	C16H34O	036653-82-4	30
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	30
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	30
5	Cyclododecanone, 2-methylene-	194	C13H22O	003045-76-9	30





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Operator : RC/JU
Sample : P5137-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAW-OILY-STONES

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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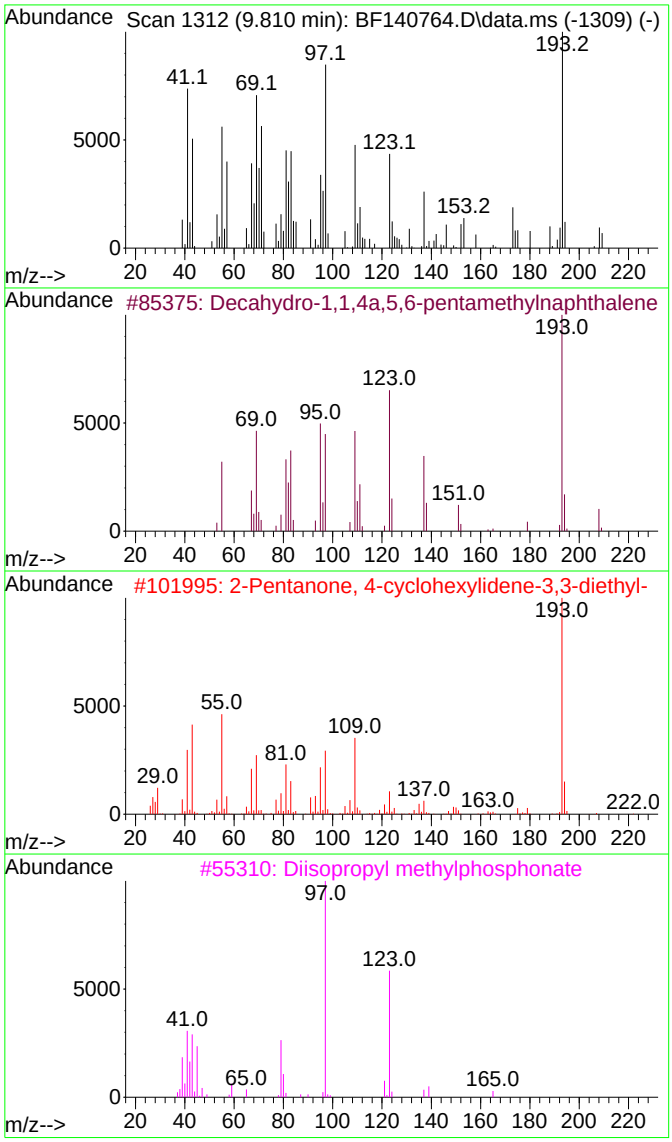
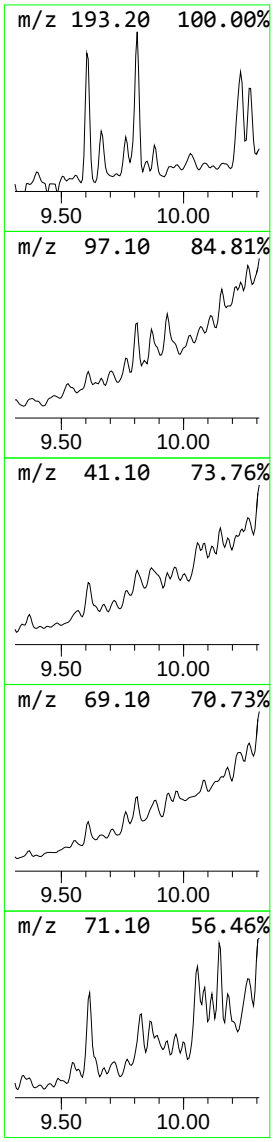
Peak Number 4 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.810	2.80 ng	68092	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	91
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	43
3	Diisopropyl methylphosphonate	180	C7H17O3P	001445-75-6	27
4	2-Anthracenamine	193	C14H11N	000613-13-8	22
5	1,3,7,7-Tetramethyl-9-oxo-2-oxab...	208	C13H20O2	020194-67-6	20





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Operator : RC/JU
Sample : P5137-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAW-OILY-STONES

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
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TIC Library : C:\Database\NIST20.L
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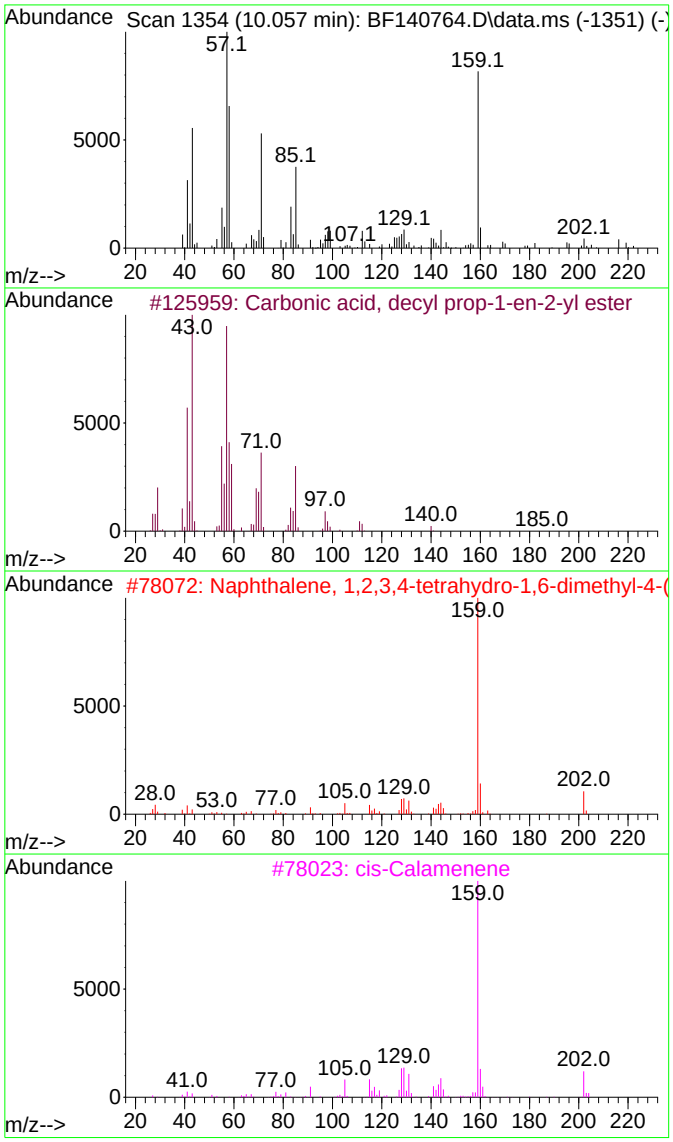
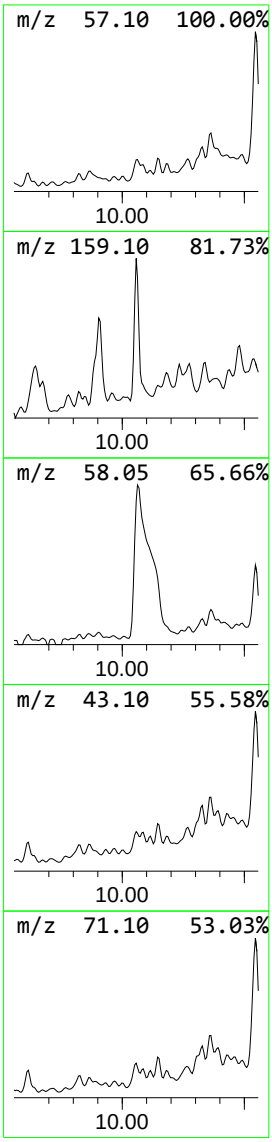
Peak Number 5 unknown10.057 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.057	2.41 ng	58626	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, decyl prop-1-en-2...	242	C14H26O3	1000382-90-5	43
2	Naphthalene, 1,2,3,4-tetrahydro-...	202	C15H22	000483-77-2	38
3	cis-Calamenene	202	C15H22	072937-55-4	30
4	trans-Calamenene	202	C15H22	073209-42-4	30
5	Octacosane	394	C28H58	000630-02-4	25





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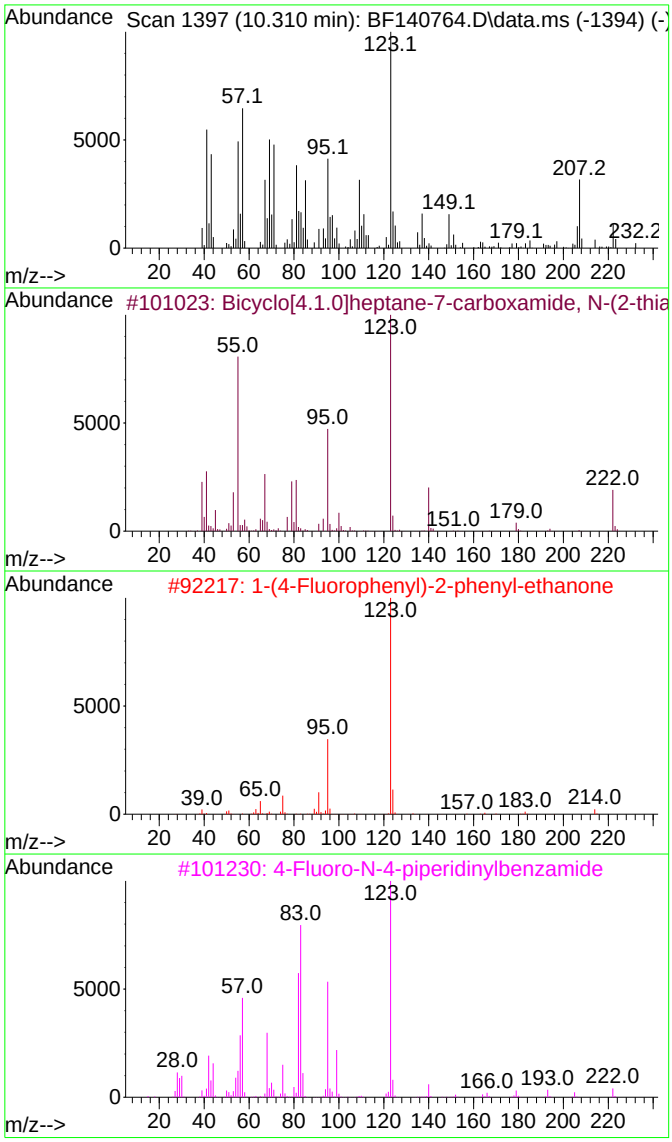
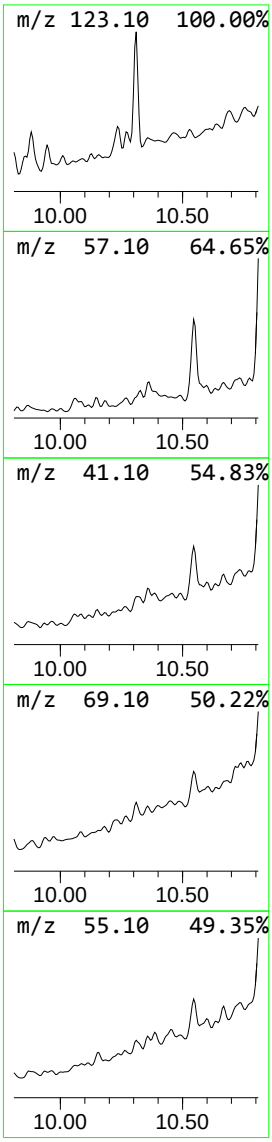
Peak Number 6 unknown10.310 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.310	5.56 ng	135164	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]heptane-7-carboxam...	222	C11H14N2OS	329912-72-3	45
2	1-(4-Fluorophenyl)-2-phenyl-etha...	214	C14H11FO	000347-84-2	43
3	4-Fluoro-N-4-piperidinylbenzamide	222	C12H15FN2O	075484-39-8	43
4	2,6-Naphthalenedione, octahydro-...	208	C13H20O2	057289-16-4	38
5	3-Fluorobenzoic acid, 4-tridecyl...	322	C20H31FO2	1000280-60-4	27





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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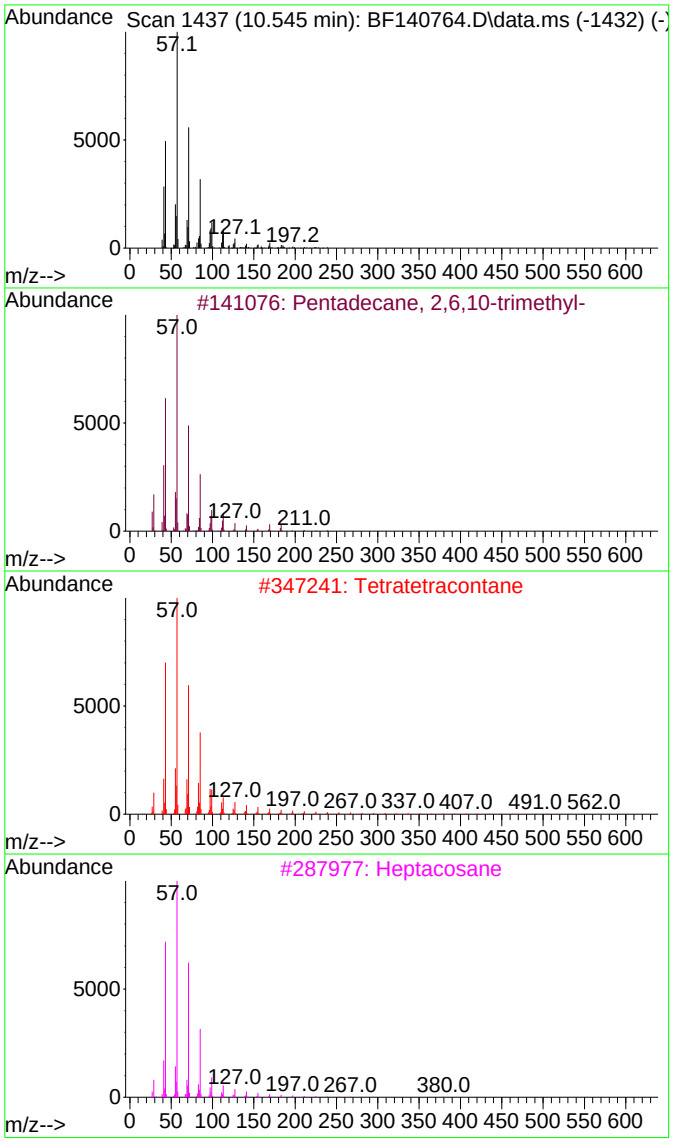
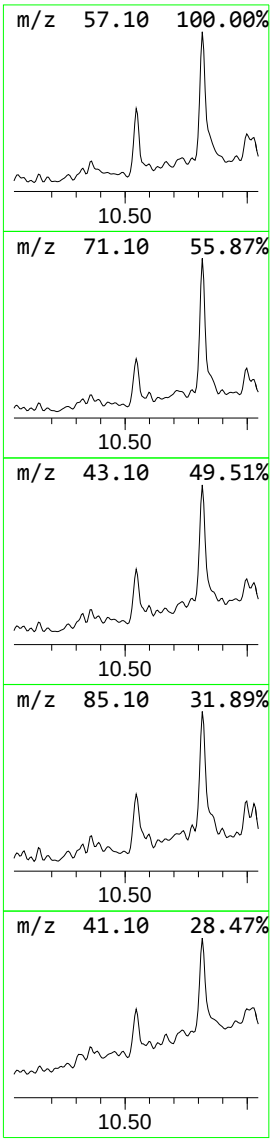
Peak Number 7 Pentadecane, 2,6,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.545	17.52 ng	425534	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Tetratetracontane	619	C44H90	007098-22-8	86
3	Heptacosane	380	C27H56	000593-49-7	86
4	Hentriacontane	437	C31H64	000630-04-6	86
5	Octacosane	394	C28H58	000630-02-4	86





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

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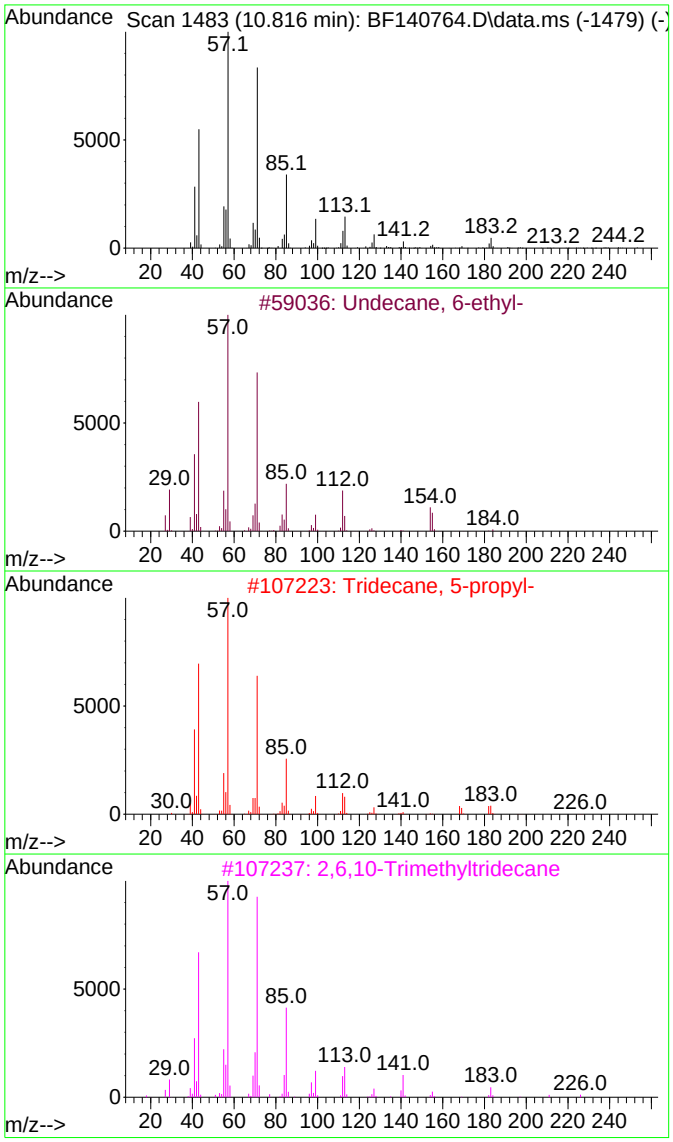
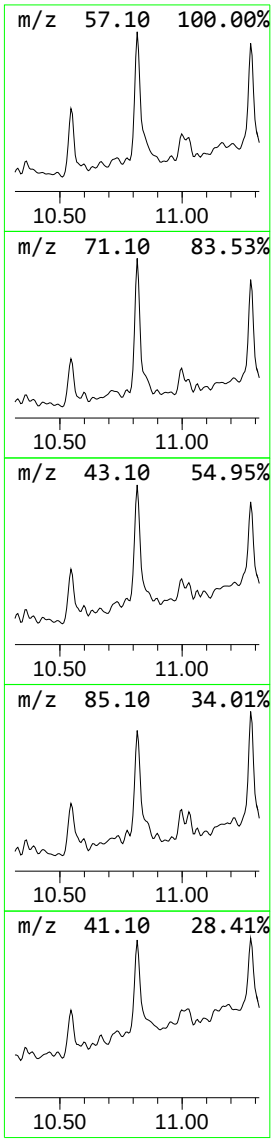
Peak Number 8 Undecane, 6-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.816	27.86 ng	704269	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 6-ethyl-	184	C13H28	017312-60-6	90
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
3	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	90
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	80
5	Decane, 2-methyl-	156	C11H24	006975-98-0	80





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
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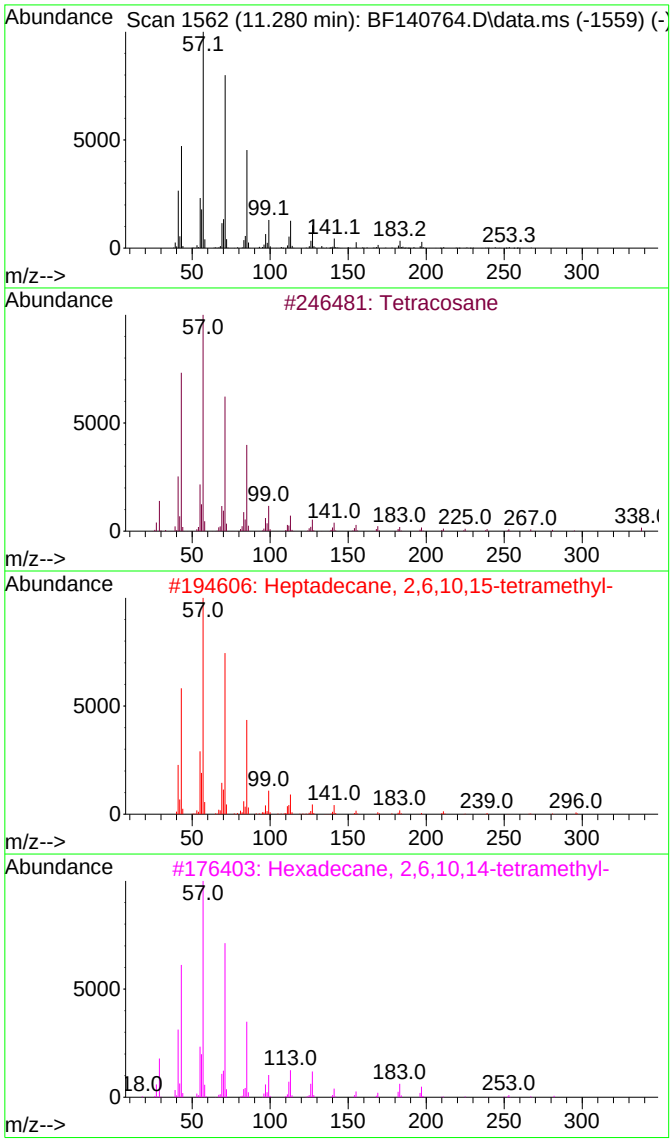
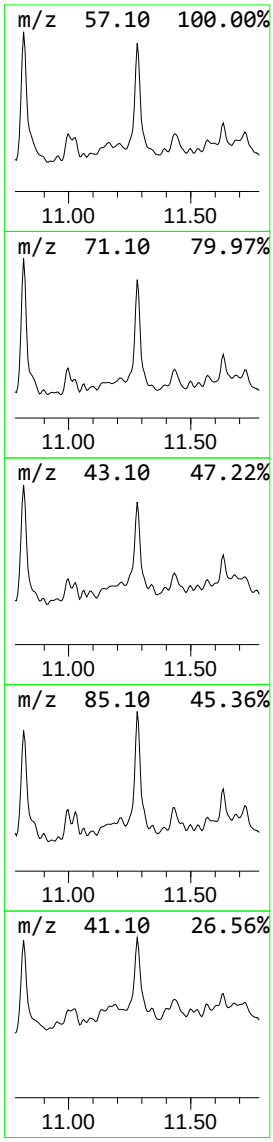
Peak Number 9 Tetracosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.280	26.46 ng	668799	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
4	Hexadecane	226	C16H34	000544-76-3	91
5	Pentacosane	352	C25H52	000629-99-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120624\
Data File : BF140764.D
Acq On : 06 Dec 2024 14:14
Operator : RC/JU
Sample : P5137-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAW-OILY-STONES

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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...	2.157	71.4	ng	1279950	1	6.869	358739	20.0
unknown9.610	9.610	3.8	ng	93274	3	9.904	485857	20.0
unknown9.769	9.769	2.1	ng	50926	3	9.904	485857	20.0
Decahydro-1,1,4...	9.810	2.8	ng	68092	3	9.904	485857	20.0
unknown10.057	10.057	2.4	ng	58626	3	9.904	485857	20.0
unknown10.310	10.310	5.6	ng	135164	3	9.904	485857	20.0
Pentadecane, 2,...	10.545	17.5	ng	425534	3	9.904	485857	20.0
Undecane, 6-ethyl-	10.816	27.9	ng	704269	4	11.398	505569	20.0
Tetracosane	11.280	26.5	ng	668799	4	11.398	505569	20.0