LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
Data File : BF121461.D
Acq On : 28 Aug 2020 15:54
Operator : JU/CG
Sample : L3824-01 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OIL-1

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-BF082720.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.116	3	5	32	rVB4	148121	366509	7.23%	1.530%
2	5.463	569	574	578	rVB	86631	84540	1.67%	0.353%
3	6.469	741	745	748	rBV	112742	86632	1.71%	0.362%
4	6.857	807	811	815	rBV	2065020	1732403	34.16%	7.231%
5	8.139	1025	1029	1033	rBV	2442483	2308425	45.52%	9.635%
6	9.216	1209	1212	1215	rBV	196677	178437	3.52%	0.745%
7	9.298	1223	1226	1230	rBV3	229410	297648	5.87%	1.242%
8	9.369	1230	1238	1240	rBV9	117076	292300	5.76%	1.220%
9	9.610	1277	1279	1281	rBV	581766	613300	12.09%	2.560%
10	9.704	1293	1295	1296	rBV	194147	151417	2.99%	0.632%
11	9.775	1303	1307	1309	rBV2	968672	1244614	24.54%	5.195%
12	9.816	1311	1314	1316	rVB	1492396	1315551	25.94%	5.491%
13	9.904	1322	1329	1332	rBV3	4040796	5071692	100.00%	21.168%
14	9.945	1334	1336	1338	rBV2	440966	524049	10.33%	2.187%
15	10.163	1371	1373	1376	rBV2	880291	950482	18.74%	3.967%
16	10.275	1390	1392	1395	rBV3	716304	731667	14.43%	3.054%
17	10.316	1396	1399	1402	rBV2	1891207	1878299	37.03%	7.840%
18	11.392	1579	1582	1585	rBV	1952931	1789094	35.28%	7.467%
19	14.021	2026	2029	2033	rVB	2160922	1962602	38.70%	8.191%
20	14.304	2075	2077	2078	rVB	223826	88427	1.74%	0.369%
21	14.792	2157	2160	2166	rVB	296926	323016	6.37%	1.348%
22	14.886	2173	2176	2180	rVB	283729	286966	5.66%	1.198%
23	15.486	2274	2278	2283	rVB	1353906	1681320	33.15%	7.017%

Sum of corrected areas: 23959390

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
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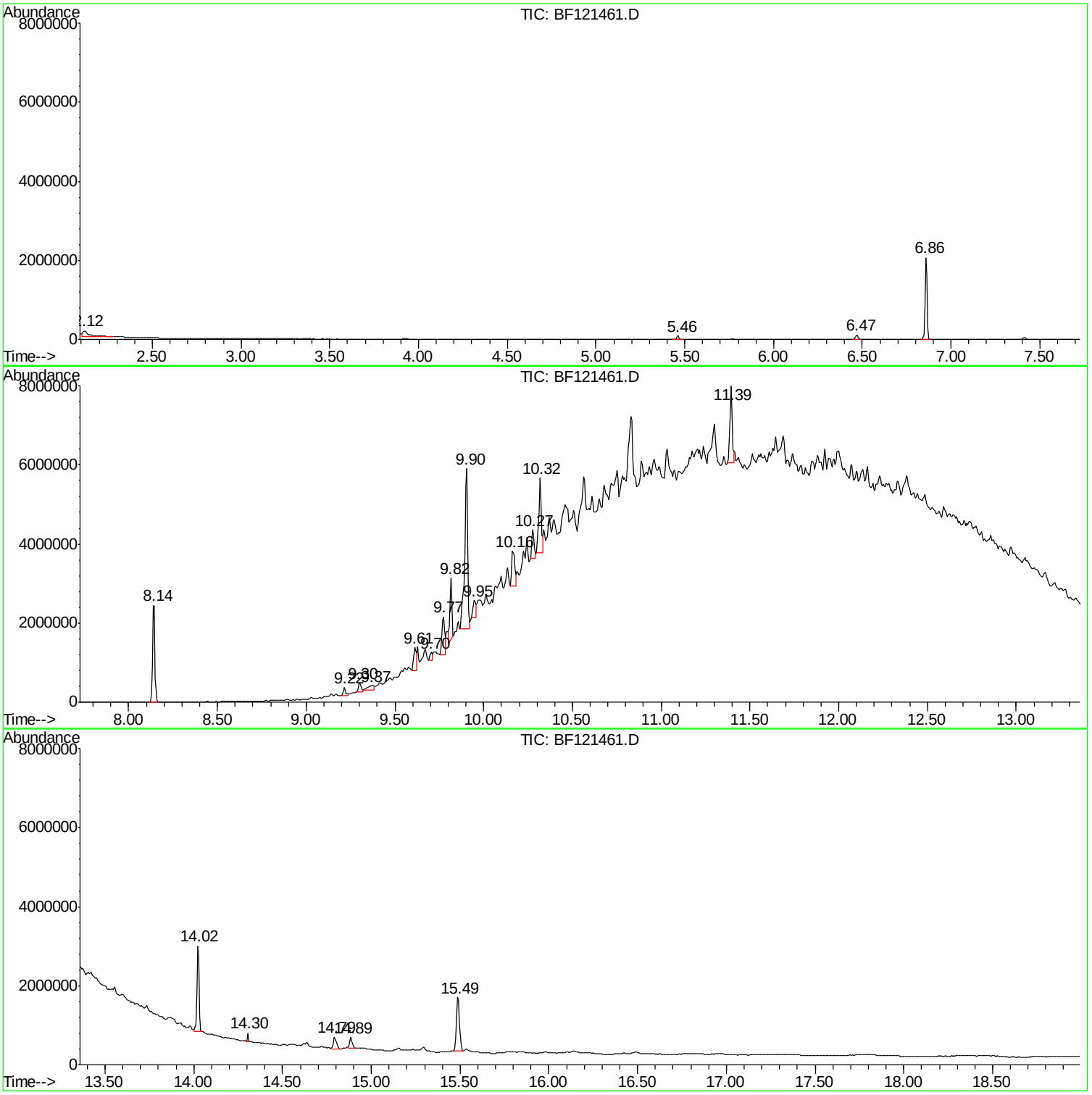
Operator : JU/CG
Sample : L3824-01 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OIL-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
Data File : BF121461.D
Acq On : 28 Aug 2020 15:54
Operator : JU/CG
Sample : L3824-01 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OIL-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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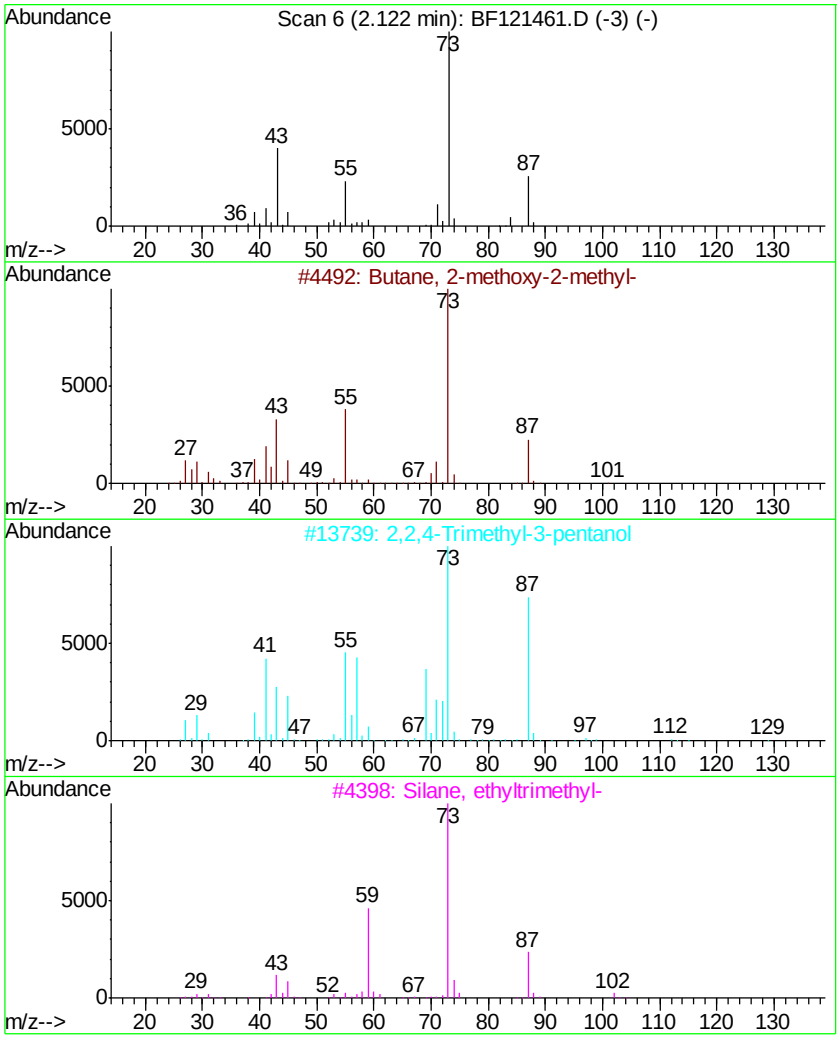
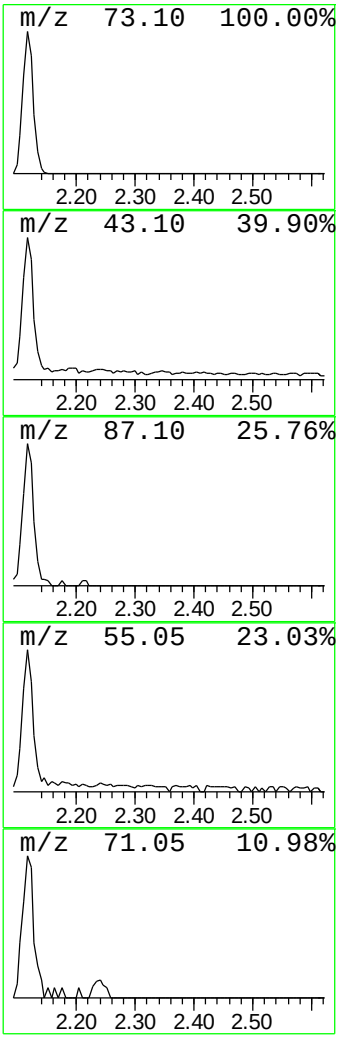
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	4.23 ng	366509	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
4	Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	10
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

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Operator : JU/CG
Sample : L3824-01 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OIL-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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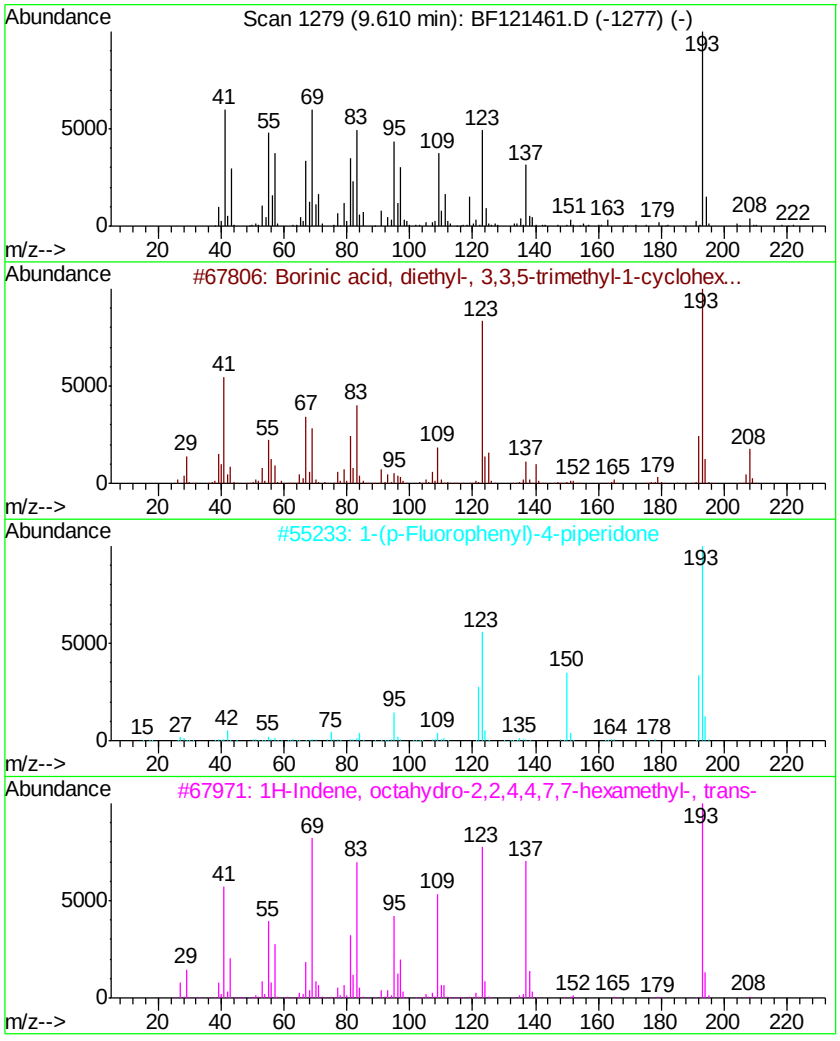
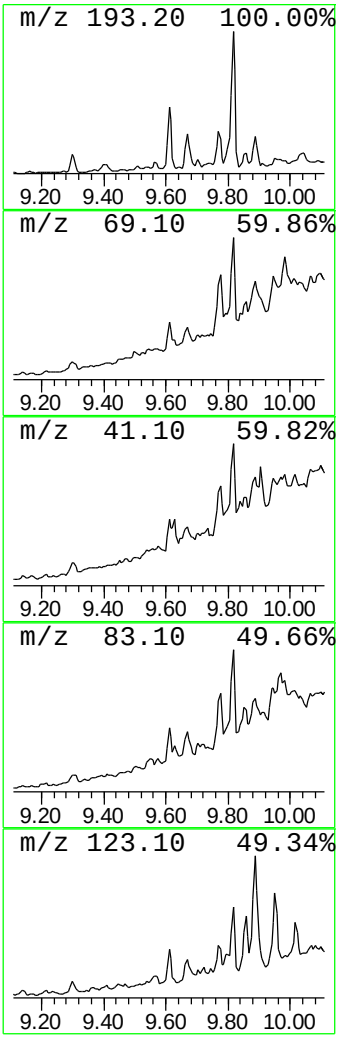
Peak Number 2 unknown9.61 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	2.42 ng	613300	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	47
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	46
3	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	40
4	2-Phenylindolizine	193	C14H11N	025379-20-8	25
5	1H-Pyrazole, 3,5-bis(1,1-dimethy...	208	C13H24N2	125281-21-2	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
Data File : BF121461.D
Acq On : 28 Aug 2020 15:54
Operator : JU/CG
Sample : L3824-01 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OIL-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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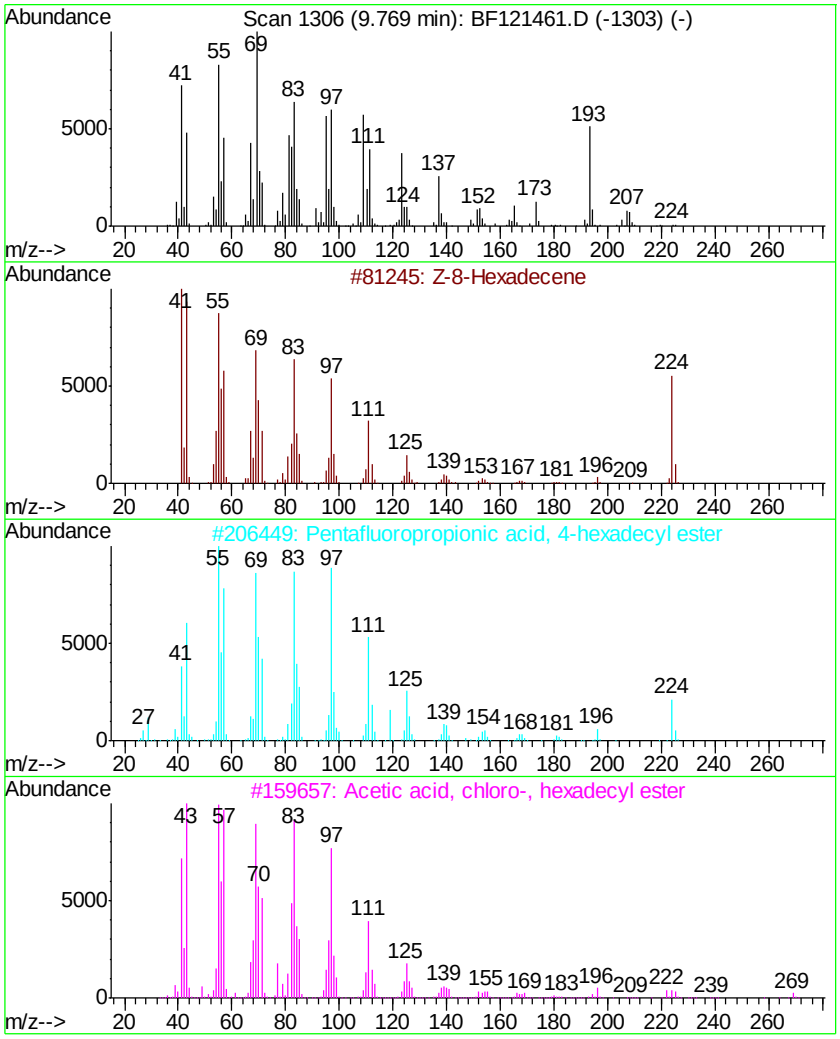
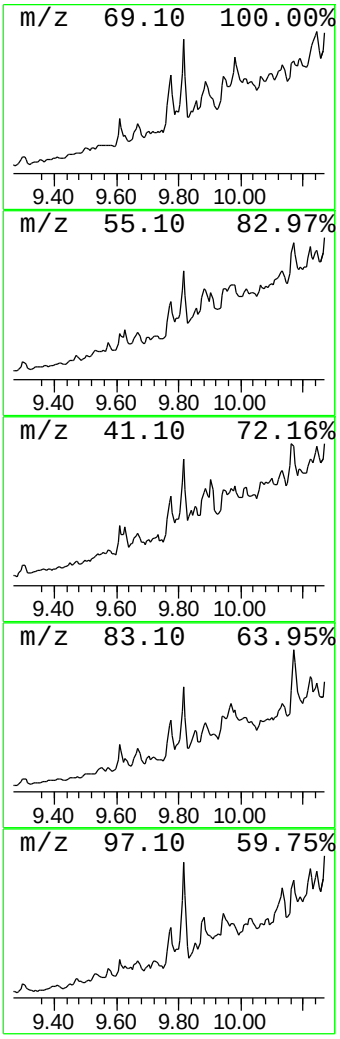
Peak Number 3 unknown9.77 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	4.91 ng	1244610	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-8-Hexadecene	224	C16H32	1000130-87-5	44
2	Pentafluoropropionic acid, 4-hex...	388	C19H33F5O2	1000283-04-1	38
3	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	38
4	Carbonic acid, tetradecyl 2,2,2-...	388	C17H31Cl3O3	1000314-56-0	30
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
Data File : BF121461.D
Acq On : 28 Aug 2020 15:54
Operator : JU/CG
Sample : L3824-01 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OIL-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

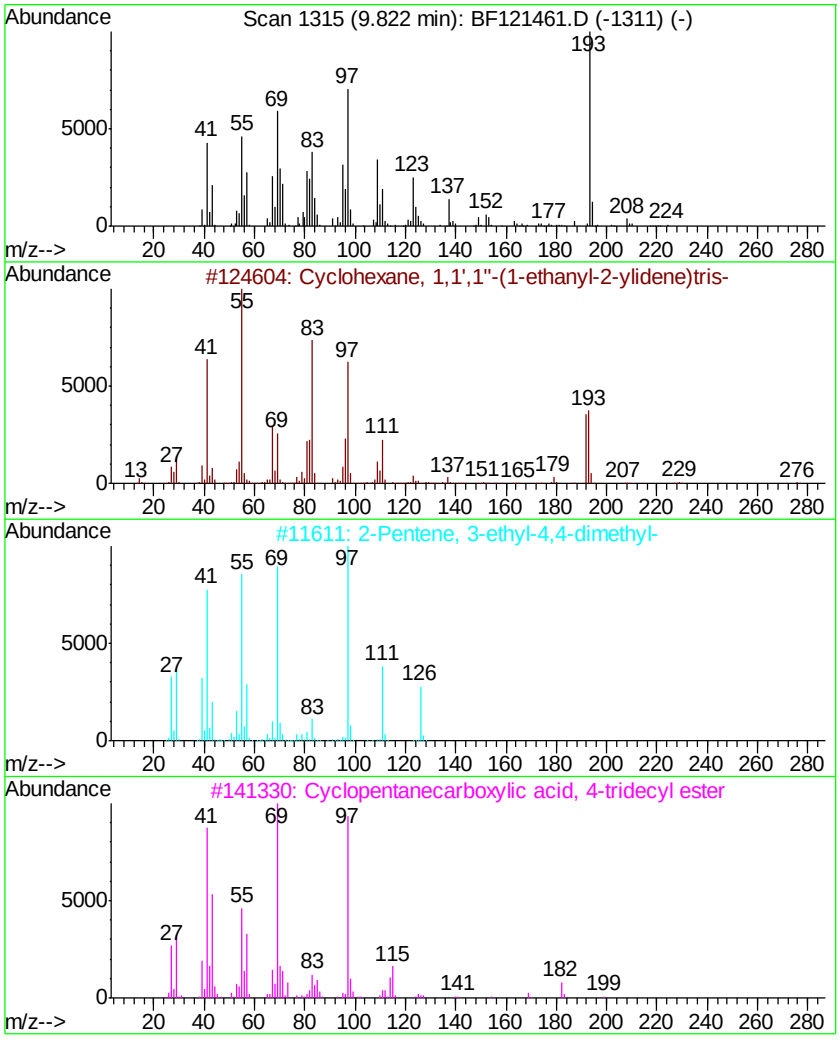
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

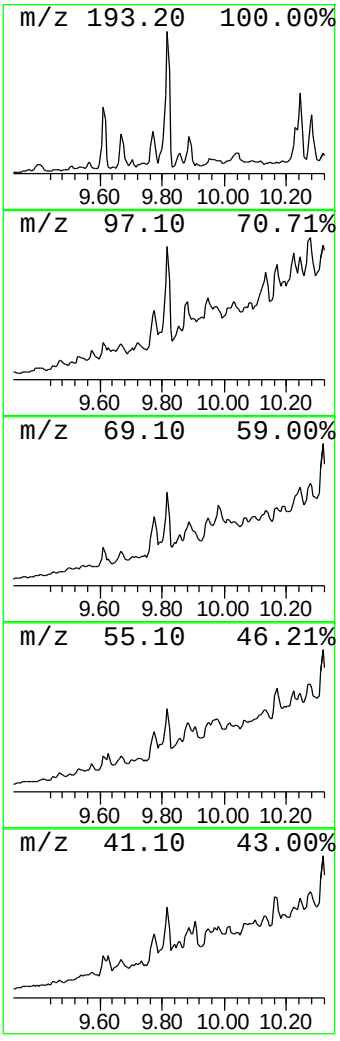
****

Peak Number 4 unknown9.82 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	5.19 ng	1315550	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1',1''-(1-ethanyl...	276	C20H36	055682-86-5	35
2	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	30
3	Cyclopentanecarboxylic acid, 4-t...	296	C19H36O2	1000280-58-6	27
4	Cyclopentanecarboxylic acid, 3-p...	324	C21H40O2	1000280-59-1	27
5	1,2-Dodecanediol	202	C12H26O2	001119-87-5	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
Data File : BF121461.D
Acq On : 28 Aug 2020 15:54
Operator : JU/CG
Sample : L3824-01 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OIL-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

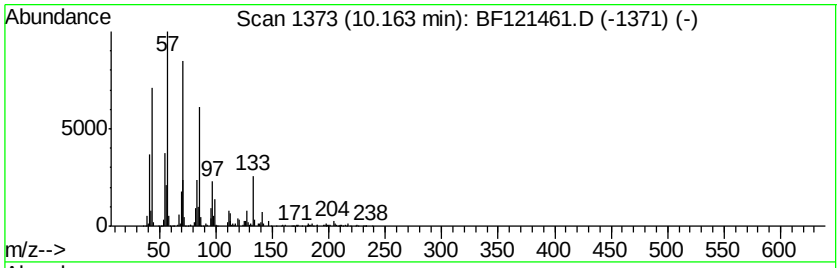
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

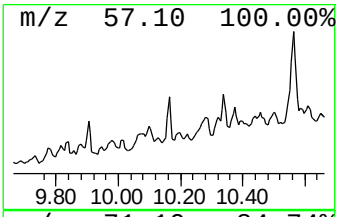
****

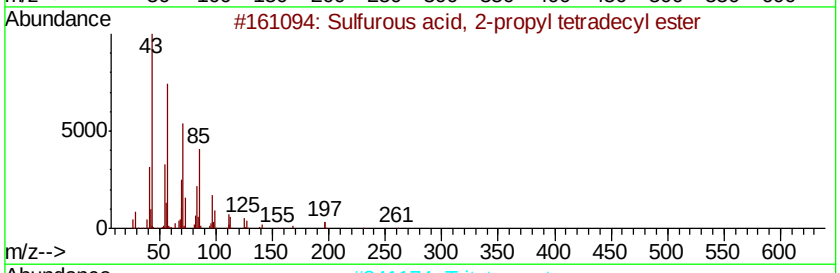
Peak Number 5 Sulfurous acid, 2-propyl te... Concentration Rank 6

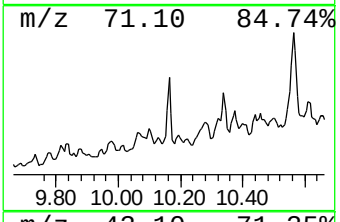
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	3.75 ng	950482	Acenaphthene-d10	9.90

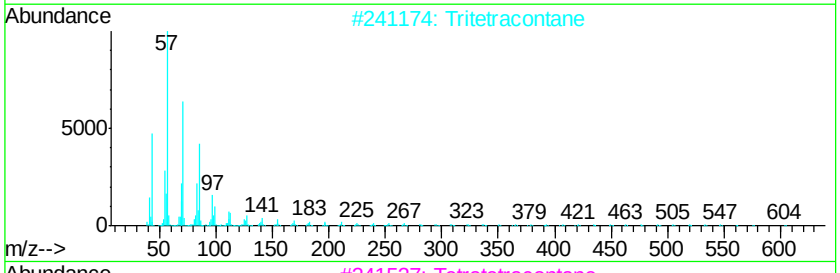
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	72
2	Tritetracontane	605	C43H88	007098-21-7	72
3	Tetratetracontane	619	C44H90	007098-22-8	58
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	58
5	Tridecane	184	C13H28	000629-50-5	58

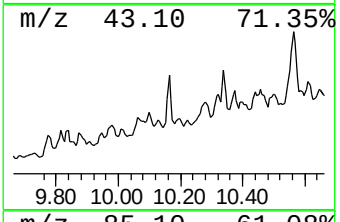


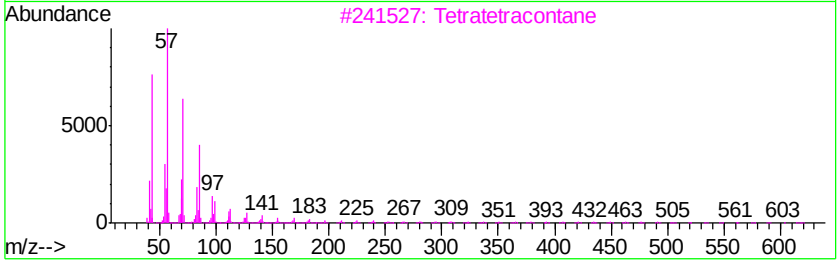


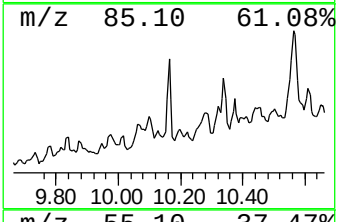


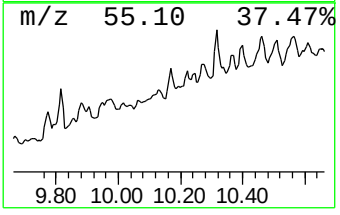












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Instrument : BNA_F
ClientSampleId : OIL-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

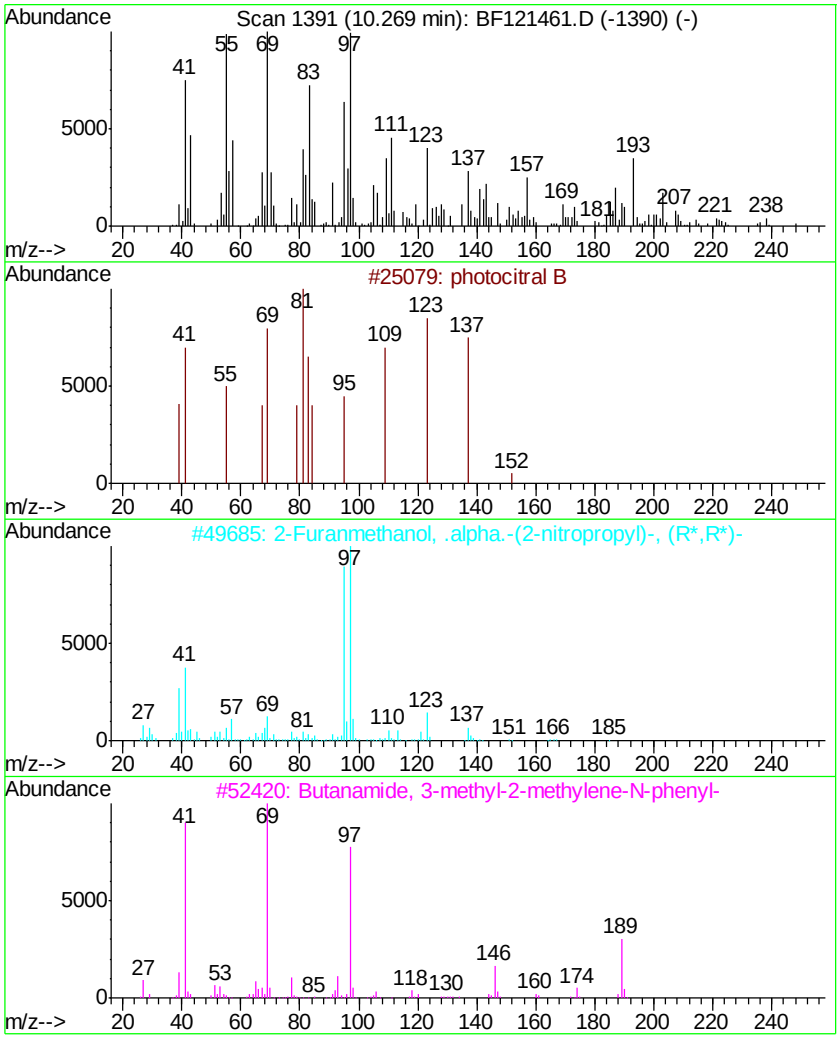
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

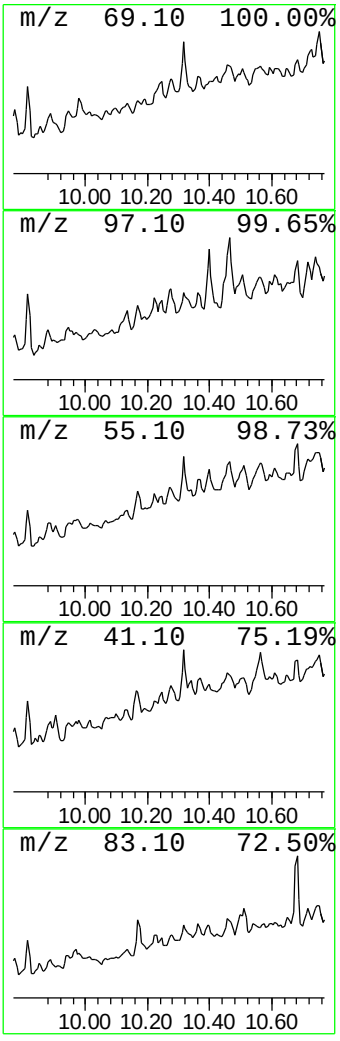
****

Peak Number 6 unknown10.27 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	2.89 ng	731667	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	photocitral B	152	C10H16O	006040-45-5	46
2	2-Furanmethanol, .alpha.-(2-nitr...	185	C8H11NO4	103077-75-4	41
3	Butanamide, 3-methyl-2-methylene...	189	C12H15NO	095383-63-4	35
4	9-Undecenol, 2,10-dimethyl-	198	C13H26O	1000131-86-0	30
5	Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	25





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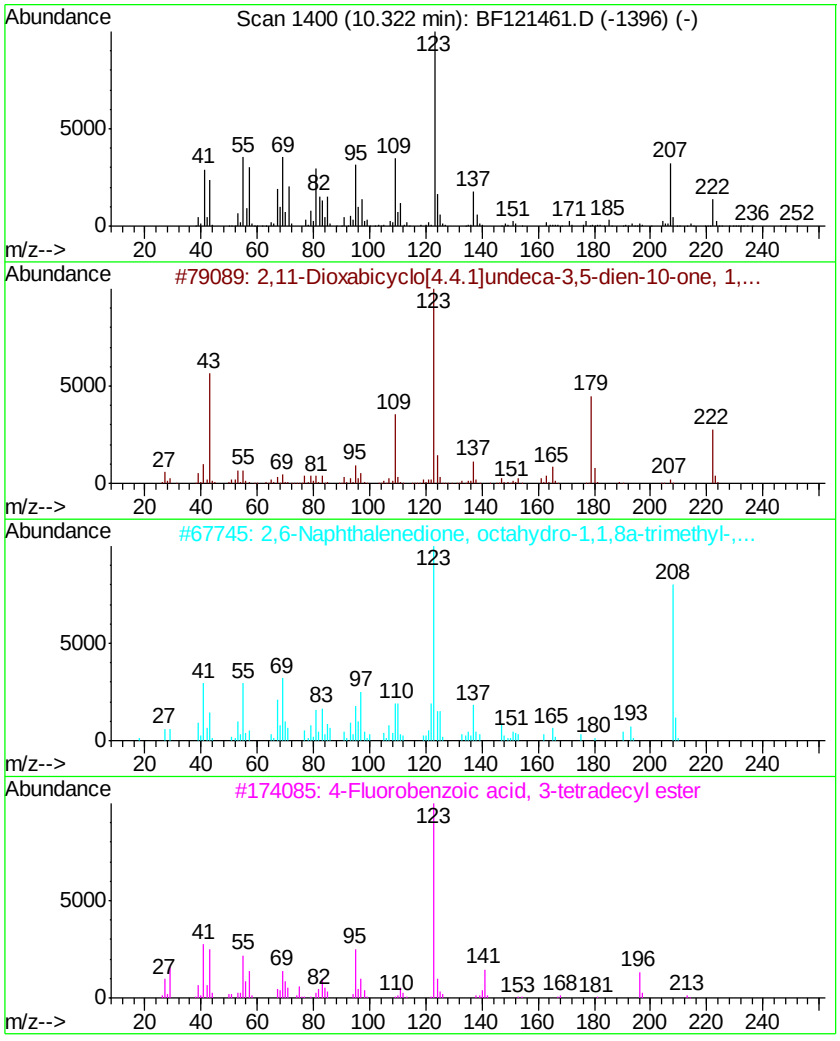
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

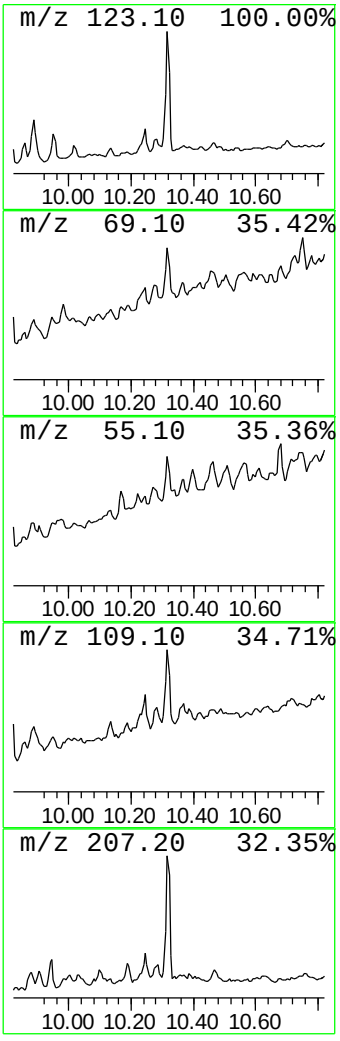
****

Peak Number 7 2,11-Dioxabicyclo[4.4.1]und... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	7.41 ng	1878300	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,11-Dioxabicyclo[4.4.1]undeca-3...	222	C13H18O3	070412-52-1	59
2	2,6-Naphthalenedione, octahydro-...	208	C13H20O2	057289-16-4	53
3	4-Fluorobenzoic acid, 3-tetradec...	336	C21H33FO2	1000280-68-1	50
4	4-Fluorobenzoic acid, 5-pentadec...	350	C22H35FO2	1000280-68-6	50
5	3-Fluorobenzoic acid, 4-tridecyl...	322	C20H31FO2	1000280-60-4	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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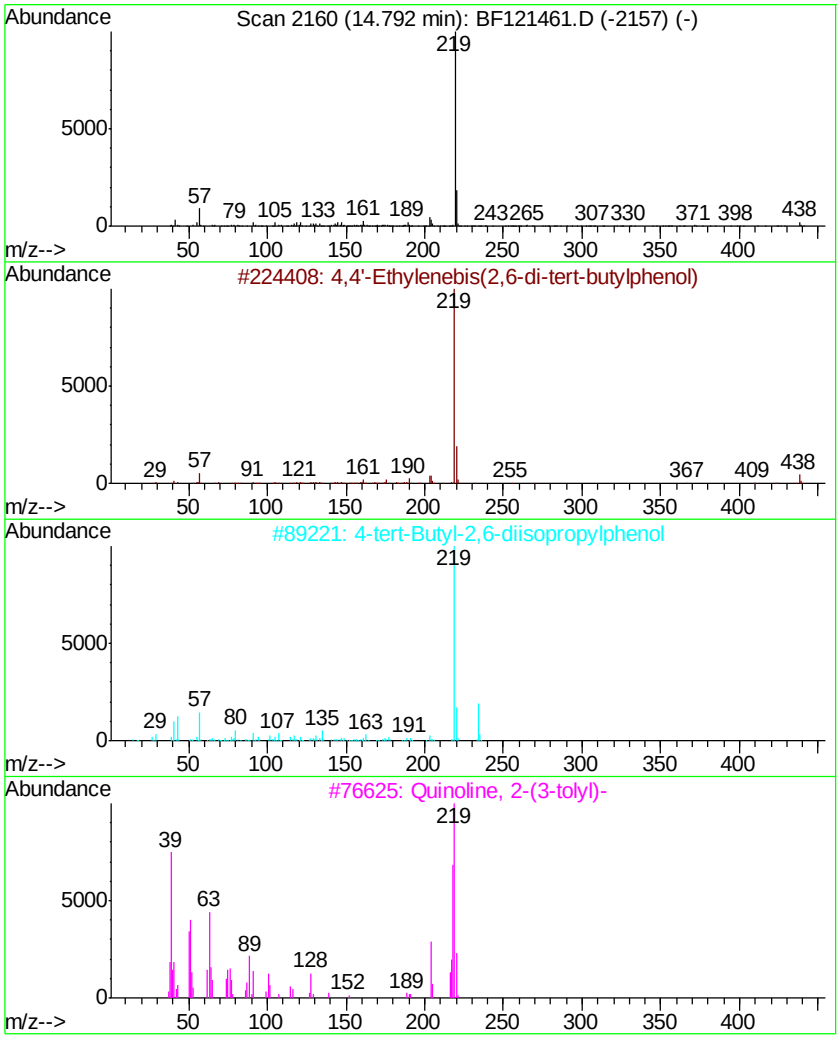
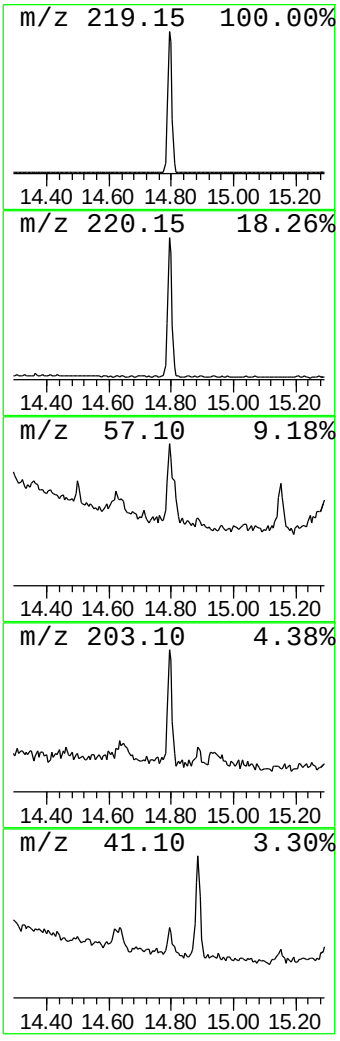
****

Peak Number 8 4,4'-Ethylenebis(2,6-di-ter... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	3.84 ng	323016	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Ethylenebis(2,6-di-tert-but...	438	C30H46O2	001516-94-5	90
2	4-tert-Butyl-2,6-diisopropylphenol	234	C16H26O	057354-65-1	72
3	Quinoline, 2-(3-tolyl)-	219	C16H13N	024641-30-3	64
4	Ethyl 5-bromo-2-chlorobenzoate	262	C9H8BrClO2	1000343-08-1	59
5	1-Naphthalenamine, N-phenyl-	219	C16H13N	000090-30-2	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
Data File : BF121461.D
Acq On : 28 Aug 2020 15:54
Operator : JU/CG
Sample : L3824-01 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OIL-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

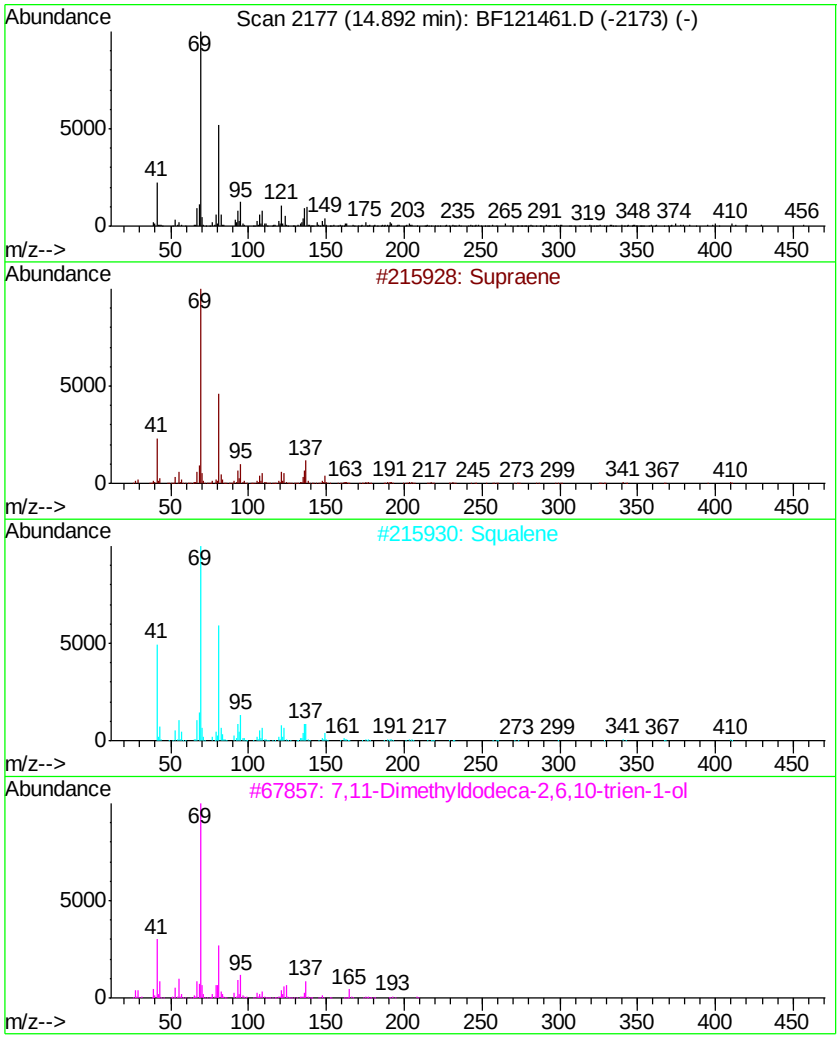
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

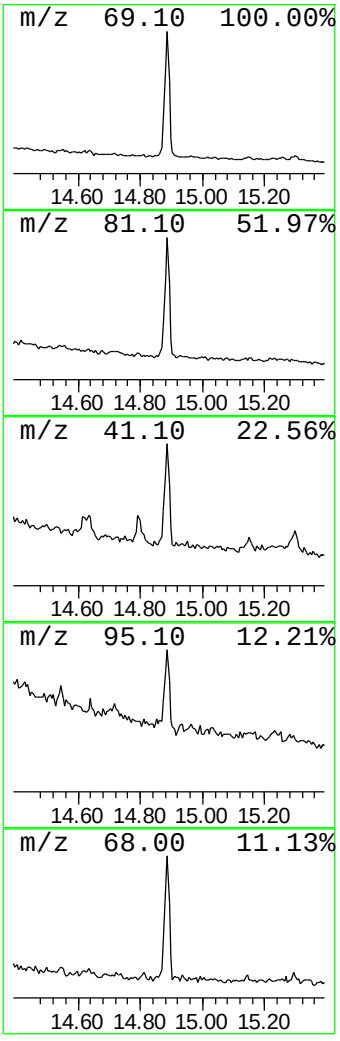
****

Peak Number 9 Supraene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	3.41 ng	286966	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	87
2	Squalene	410	C30H50	000111-02-4	87
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
4	1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	59
5	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082820\
Data File : BF121461.D
Acq On : 28 Aug 2020 15:54
Operator : JU/CG
Sample : L3824-01 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OIL-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.12	4.2	ng	366509	1	6.86	1732400	20.0
unknown9.61	9.61	2.4	ng	613300	3	9.90	5071690	20.0
unknown9.77	9.77	4.9	ng	1244610	3	9.90	5071690	20.0
unknown9.82	9.82	5.2	ng	1315550	3	9.90	5071690	20.0
Sulfurous acid, 2...	10.16	3.8	ng	950482	3	9.90	5071690	20.0
unknown10.27	10.27	2.9	ng	731667	3	9.90	5071690	20.0
2,11-Dioxabicyclo...	10.32	7.4	ng	1878300	3	9.90	5071690	20.0
4,4'-Ethylenebis(...	14.79	3.8	ng	323016	6	15.49	1681320	20.0
Supraene	14.89	3.4	ng	286966	6	15.49	1681320	20.0