LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
Data File : BF119038.D
Acq On : 24 Feb 2020 23:27
Operator : CG/JU
Sample : L1635-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUNR-TS002-01

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-BF022020.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	4.969	487	490	500	rVB	53493	69358	2.11%	0.227%
2	5.381	556	560	580	rBV	2583893	2536734	77.08%	8.306%
3	6.398	728	733	741	rBV	2529606	2446918	74.35%	8.012%
4	6.751	790	793	803	rBV	1043751	891934	27.10%	2.921%
5	6.910	816	820	823	rBV	2654236	2273707	69.09%	7.445%
6	7.316	884	889	892	rBV	1801026	1648082	50.08%	5.396%
7	8.033	1007	1011	1024	rBV	1336985	1183263	35.96%	3.874%
8	9.110	1189	1194	1197	rBV	3766781	3290903	100.00%	10.776%
9	9.233	1206	1215	1218	rBV	293849	294425	8.95%	0.964%
10	9.504	1257	1261	1269	rVB	234303	207019	6.29%	0.678%
11	9.704	1290	1295	1305	rBV6	23951	59989	1.82%	0.196%
12	9.786	1305	1309	1317	rVB	1635883	1375066	41.78%	4.502%
13	10.369	1404	1408	1417	rVB	162277	144793	4.40%	0.474%
14	10.574	1439	1443	1453	rBV	2288921	2052853	62.38%	6.722%
15	11.269	1557	1561	1565	rBV	1503749	1283514	39.00%	4.203%
16	11.498	1596	1600	1605	rBV3	41958	57144	1.74%	0.187%
17	11.692	1620	1633	1634	rBV9	52269	143255	4.35%	0.469%
18	11.798	1648	1651	1659	rVB	365209	393431	11.96%	1.288%
19	11.904	1664	1669	1672	rBV6	22108	45292	1.38%	0.148%
20	12.151	1707	1711	1717	rVB2	53445	67442	2.05%	0.221%
21	12.316	1735	1739	1744	rBV	90468	106804	3.25%	0.350%
22	12.516	1769	1773	1777	rVB2	100773	107719	3.27%	0.353%
23	12.580	1781	1784	1793	rBV	98228	116400	3.54%	0.381%
24	12.851	1826	1830	1833	rBV	3174171	2844351	86.43%	9.313%
25	13.063	1862	1866	1868	rBV	53471	67653	2.06%	0.222%
26	13.086	1868	1870	1874	rVB	58171	47081	1.43%	0.154%
27	13.427	1922	1928	1933	rVB2	53205	69542	2.11%	0.228%
28	13.698	1971	1974	1978	rBV	38905	42634	1.30%	0.140%
29	13.745	1978	1982	1990	rVV	574387	669549	20.35%	2.192%
30	13.904	2005	2009	2014	rVB	1073015	948560	28.82%	3.106%
31	14.068	2034	2037	2044	rBV	127204	137371	4.17%	0.450%
32	14.380	2086	2090	2101	rBV	756188	898537	27.30%	2.942%
33	14.651	2133	2136	2137	rBV3	39807	44201	1.34%	0.145%
34	14.668	2137	2139	2148	rVV	160495	198295	6.03%	0.649%

LSC Area Percent Report

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Acq On : 24 Feb 2020 23:27
Operator : CG/JU
Sample : L1635-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUNR-TS002-01

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-BF022020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.739	2148	2151	2155	rVB	54016	53238	1.62%	0.174%
36	14.804	2159	2162	2171	rVV6	65789	128364	3.90%	0.420%
37	14.992	2189	2194	2196	rBV	216704	273015	8.30%	0.894%
38	15.015	2196	2198	2201	rVB	77987	89303	2.71%	0.292%
39	15.333	2247	2252	2259	rBV	777329	1142357	34.71%	3.740%
40	15.533	2283	2286	2291	rVB2	52744	74770	2.27%	0.245%
41	15.756	2320	2324	2328	rBV	112686	157694	4.79%	0.516%
42	15.809	2328	2333	2341	rVB	138888	251639	7.65%	0.824%
43	16.233	2401	2405	2408	rBV3	45914	73050	2.22%	0.239%
44	16.503	2447	2451	2457	rVB4	50044	85436	2.60%	0.280%
45	16.880	2509	2515	2524	rBV4	71455	158779	4.82%	0.520%
46	17.268	2574	2581	2589	rBV5	113934	286728	8.71%	0.939%
47	17.339	2589	2593	2602	rVB5	56508	138854	4.22%	0.455%
48	17.580	2629	2634	2641	rBV5	39101	95567	2.90%	0.313%
49	17.698	2648	2654	2667	rBV4	81734	284189	8.64%	0.931%
50	18.021	2702	2709	2728	rVB8	91055	320626	9.74%	1.050%
51	18.233	2740	2745	2757	rVB5	65262	162822	4.95%	0.533%

Sum of corrected areas: 30540250

LSC Report - Integrated Chromatogram

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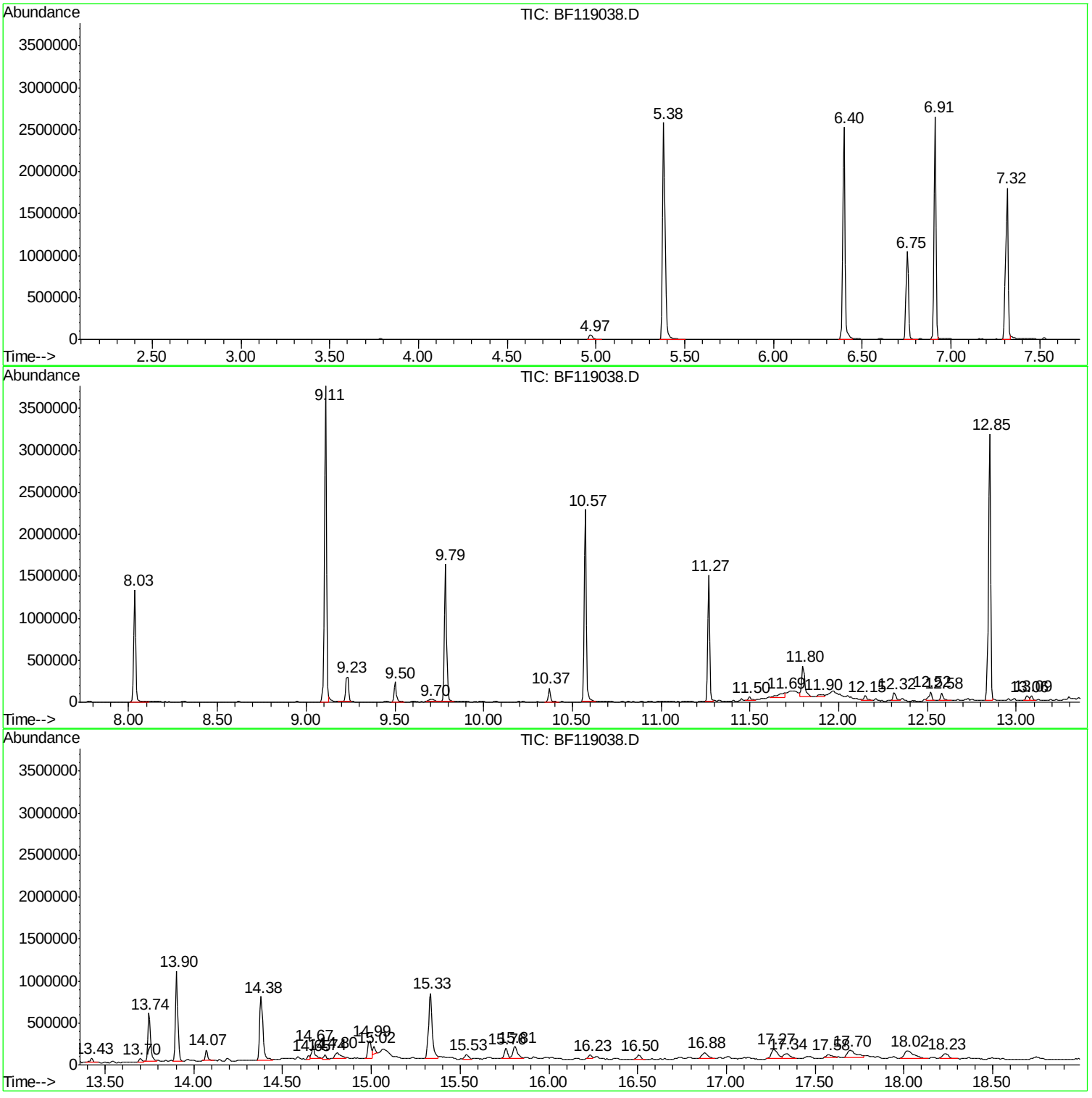
Data File : BF119038.D
Acq On : 24 Feb 2020 23:27
Operator : CG/JU
Sample : L1635-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUNR-TS002-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
Data File : BF119038.D
Acq On : 24 Feb 2020 23:27
Operator : CG/JU
Sample : L1635-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUNR-TS002-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

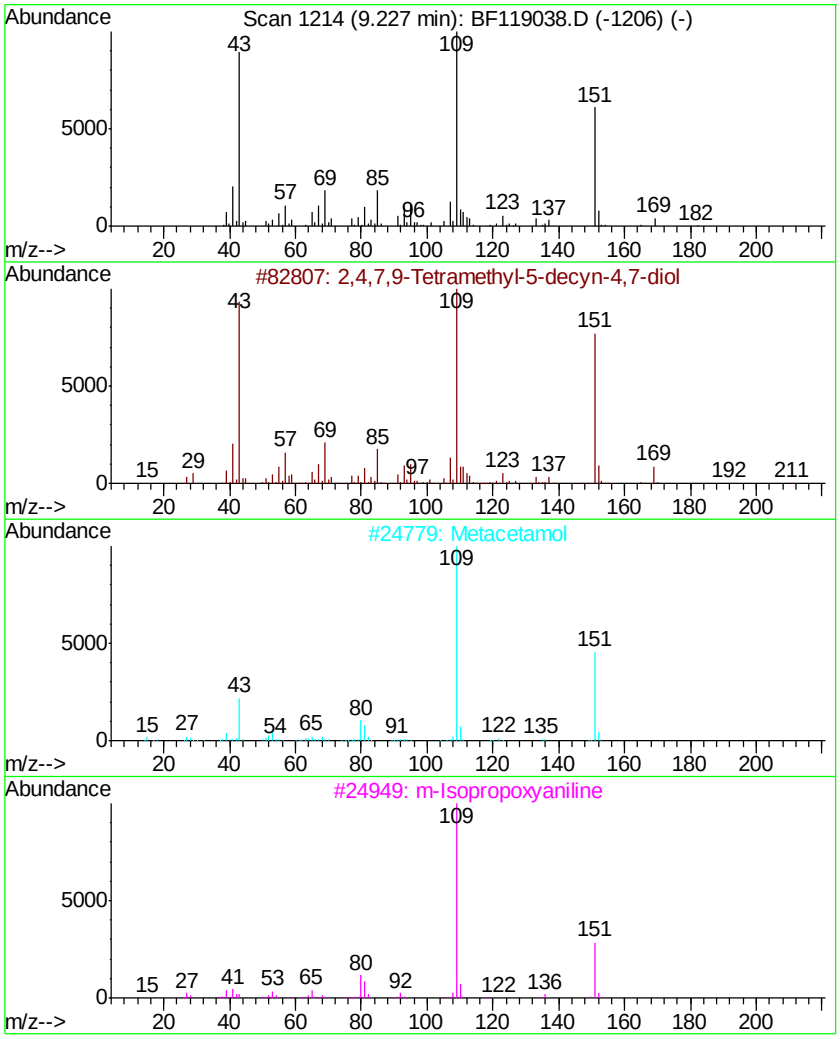
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

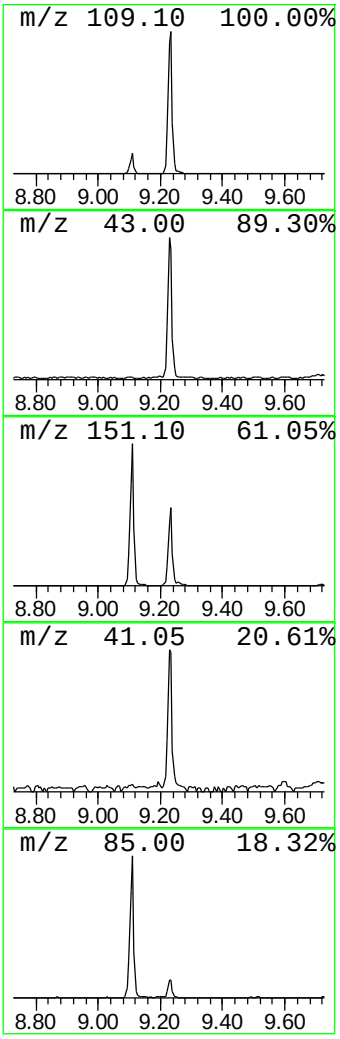
****

Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	4.28 ng	294425	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	64
2	Metacetamol	151	C8H9NO2	000621-42-1	58
3	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	53
4	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	43
5	N-Cyclopropyl-p-fluorobenzylamine	165	C10H12FN	1000250-88-9	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
Data File : BF119038.D
Acq On : 24 Feb 2020 23:27
Operator : CG/JU
Sample : L1635-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUNR-TS002-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

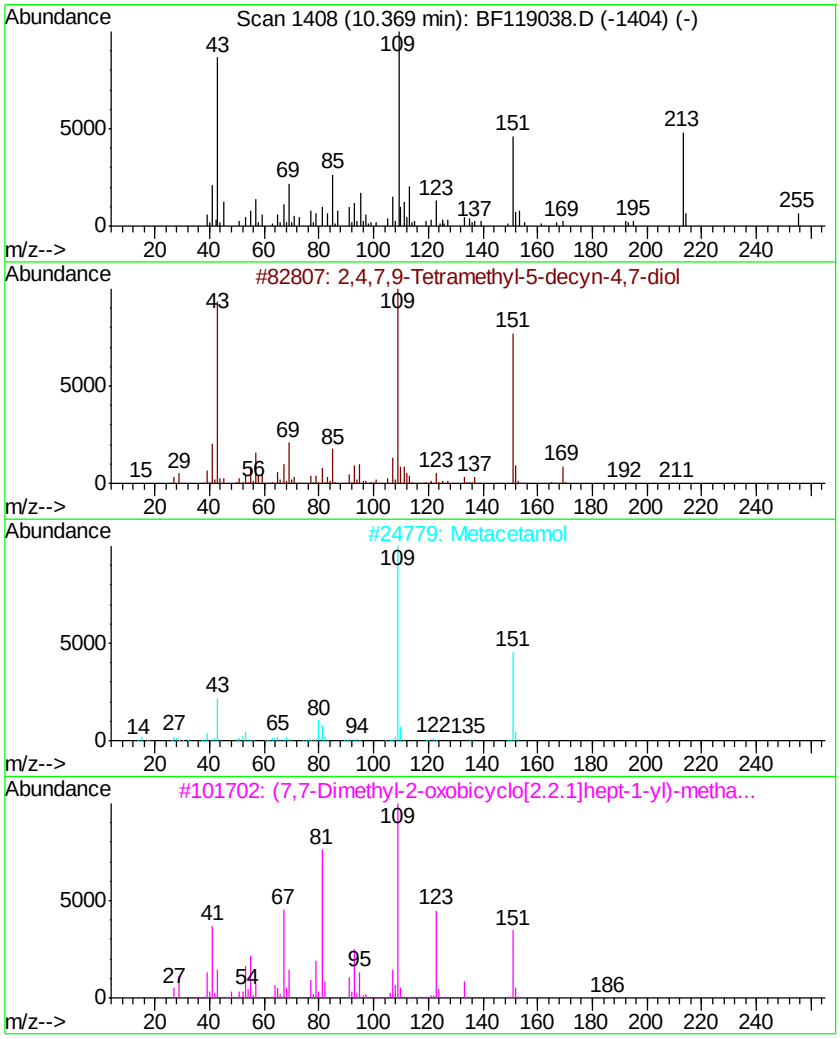
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

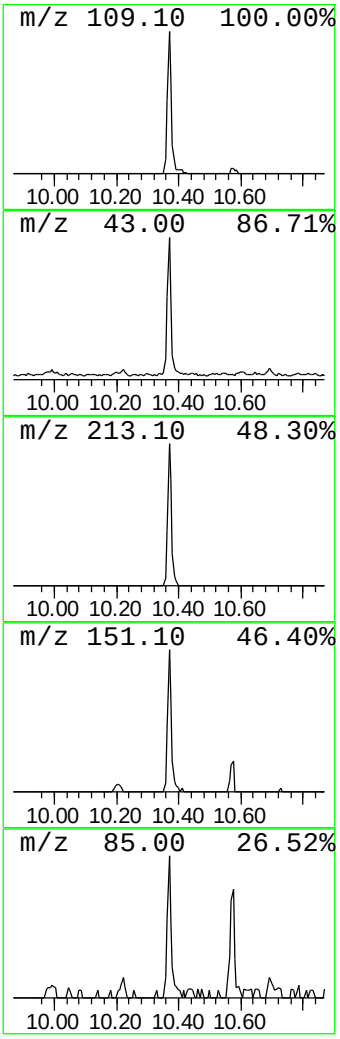
****

Peak Number 3 unknown10.37 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	2.11 ng	144793	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	50
2	Metacetamol	151	C8H9NO2	000621-42-1	43
3	(7,7-Dimethyl-2-oxobicyclo[2.2.1...	250	C10H15ClO3S	1000194-76-1	43
4	Acetaminophen	151	C8H9NO2	000103-90-2	43
5	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	38





Library Search Compound Report

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Acq On : 24 Feb 2020 23:27
Operator : CG/JU
Sample : L1635-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUNR-TS002-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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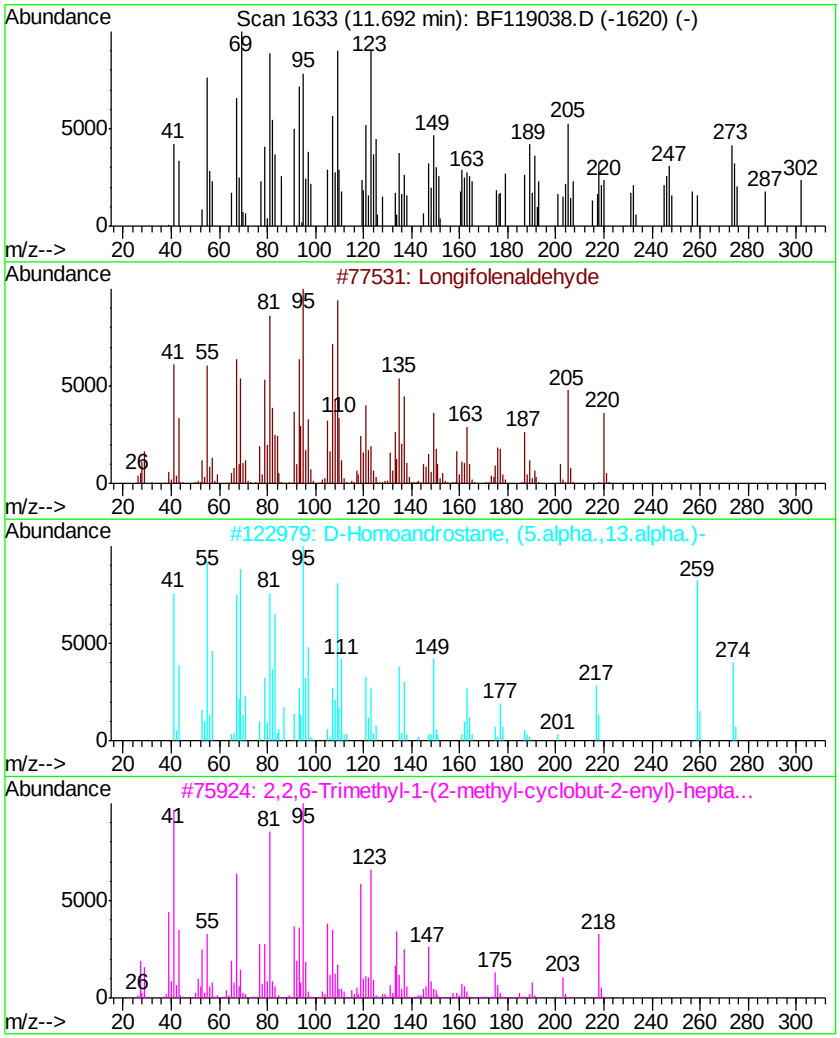
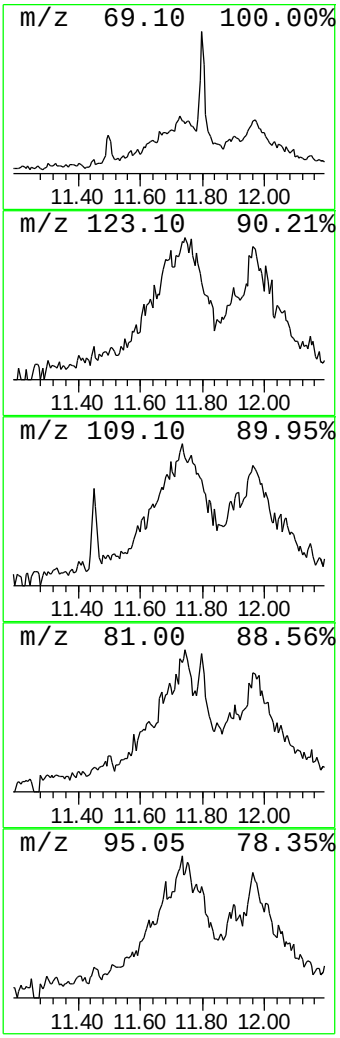
Peak Number 4 Longifolenaldehyde Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	2.23 ng	143255	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Longifolenaldehyde	220	C15H24O	019890-84-7	64
2	D-Homoandrostane, (5.alpha.,13.a...	274	C20H34	054482-31-4	50
3	2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	45
4	Androstan-17-one, (5.alpha.)-	274	C19H30O	000963-74-6	44
5	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	42





Library Search Compound Report

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Data File : BF119038.D
Acq On : 24 Feb 2020 23:27
Operator : CG/JU
Sample : L1635-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUNR-TS002-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

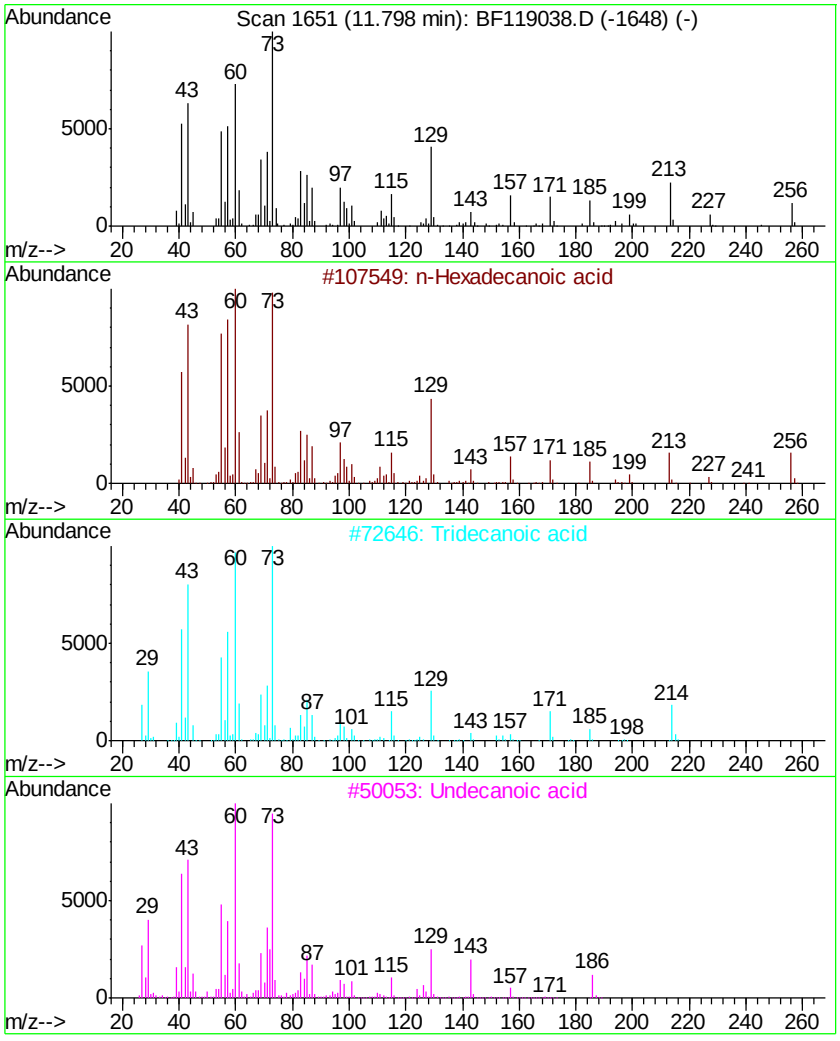
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

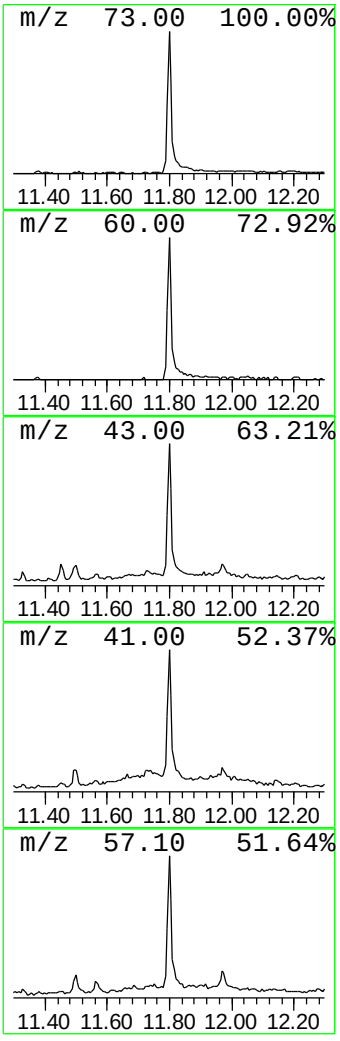
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	6.13 ng	393431	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Undecanoic acid	186	C11H22O2	000112-37-8	74
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	68





Library Search Compound Report

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Operator : CG/JU
Sample : L1635-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUNR-TS002-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

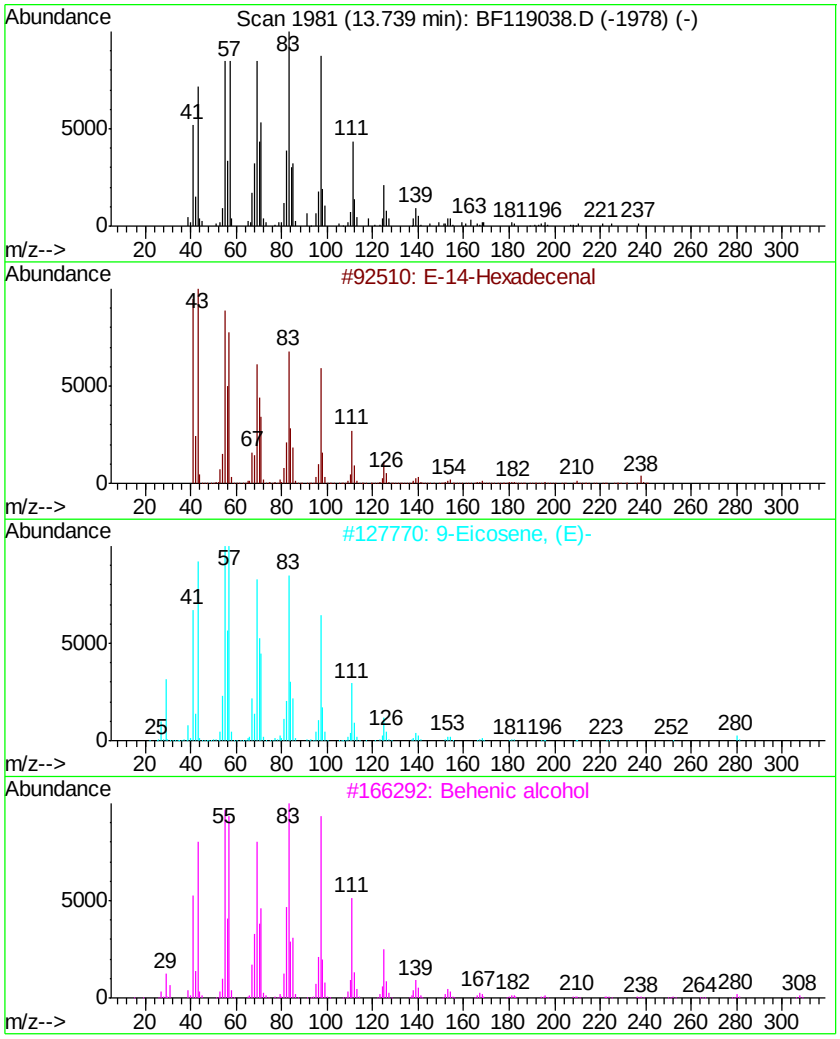
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

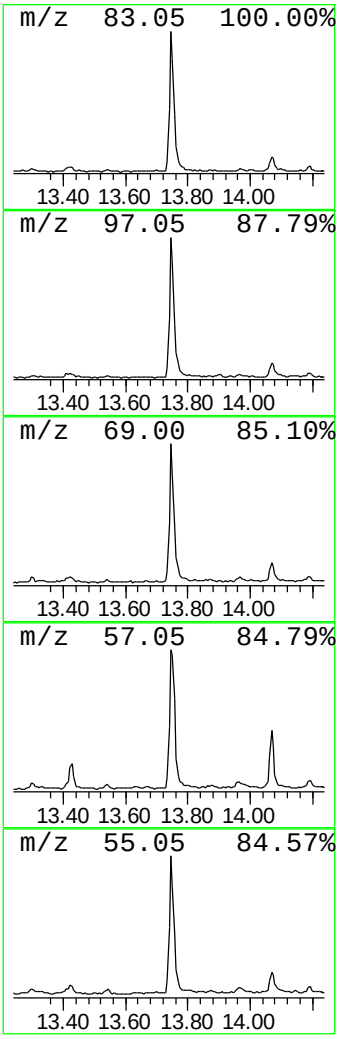
****

Peak Number 6 E-14-Hexadecenal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	14.12 ng	669549	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-14-Hexadecenal	238	C16H30O	330207-53-9	95
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	95
3	Behenic alcohol	326	C22H46O	000661-19-8	95
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94





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Data File : BF119038.D
Acq On : 24 Feb 2020 23:27
Operator : CG/JU
Sample : L1635-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUNR-TS002-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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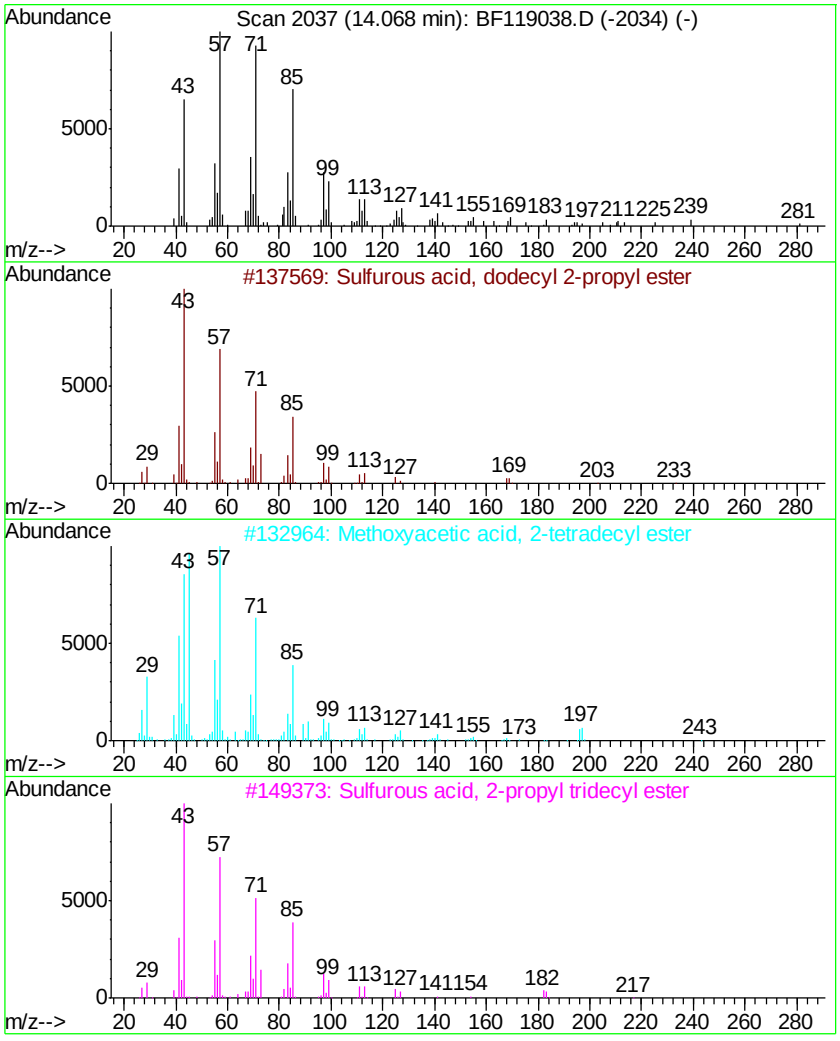
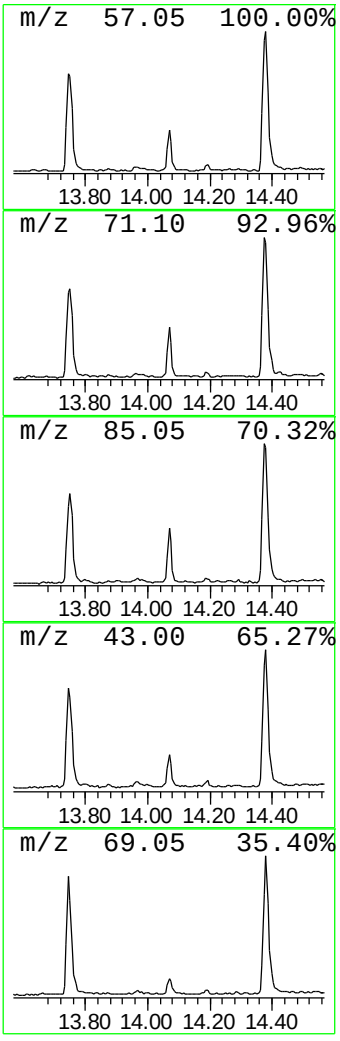
Peak Number 7 Sulfurous acid, dodecyl 2-p... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	2.90 ng	137371	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	91
2	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	91
3	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	91
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	87
5	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	86





Library Search Compound Report

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Data File : BF119038.D
Acq On : 24 Feb 2020 23:27
Operator : CG/JU
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUNR-TS002-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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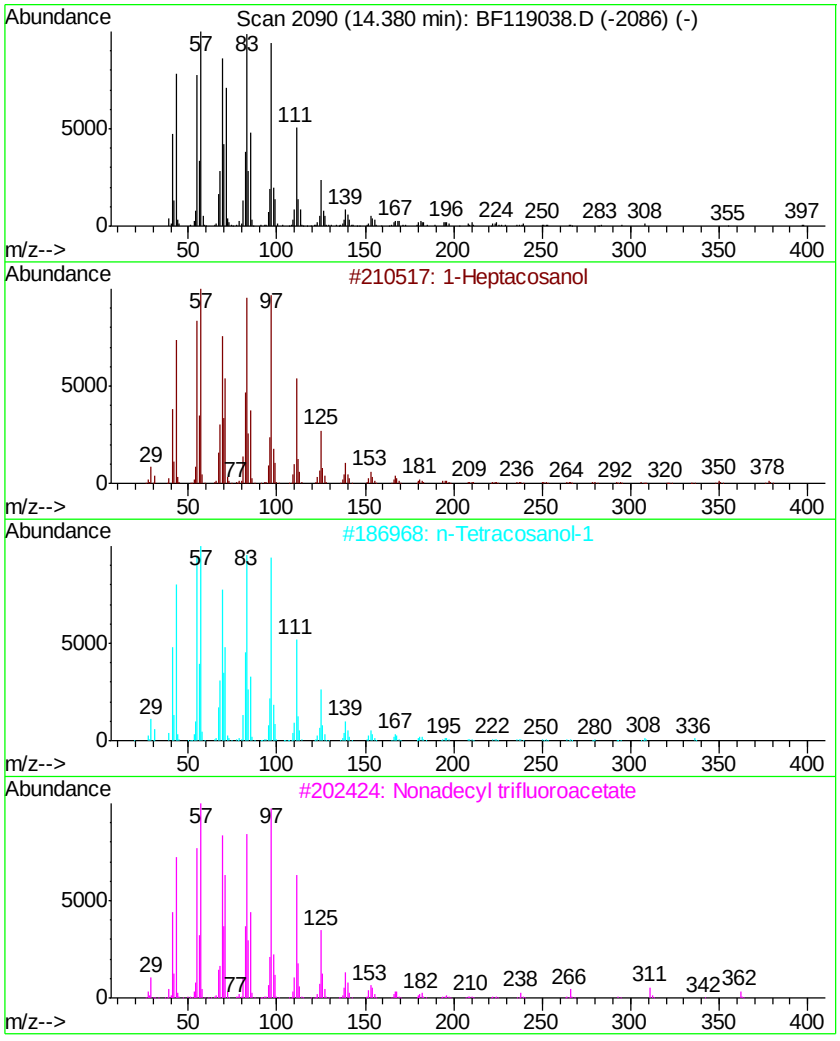
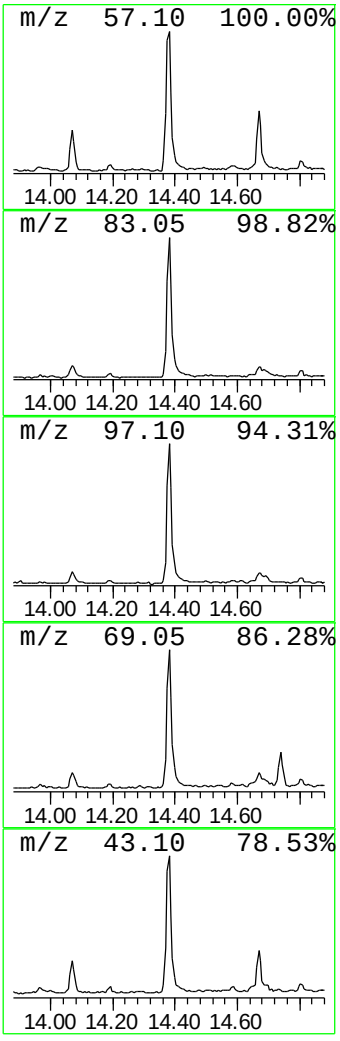
Peak Number 8 1-Heptacosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	18.95 ng	898537	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	94
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	Cyclopentadecane	210	C15H30	000295-48-7	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
Data File : BF119038.D
Acq On : 24 Feb 2020 23:27
Operator : CG/JU
Sample : L1635-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUNR-TS002-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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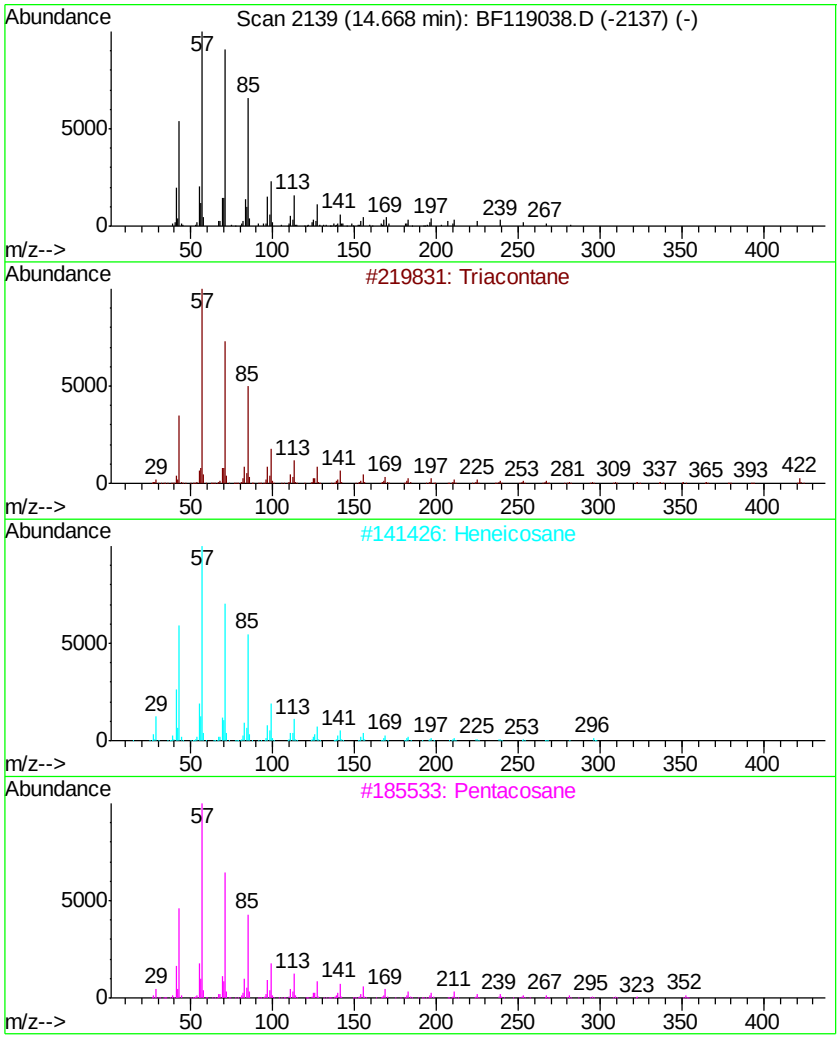
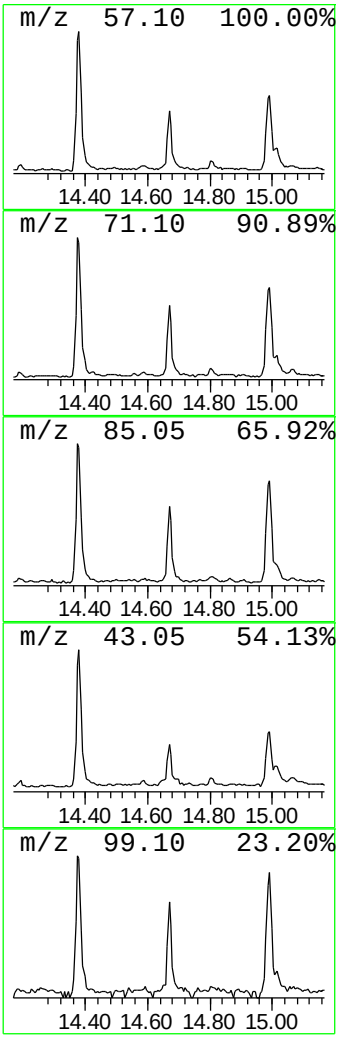
Peak Number 9 Triacontane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	3.47 ng	198295	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Pentacosane	352	C25H52	000629-99-2	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Hentriacontane	437	C31H64	000630-04-6	87





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Data File : BF119038.D
Acq On : 24 Feb 2020 23:27
Operator : CG/JU
Sample : L1635-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUNR-TS002-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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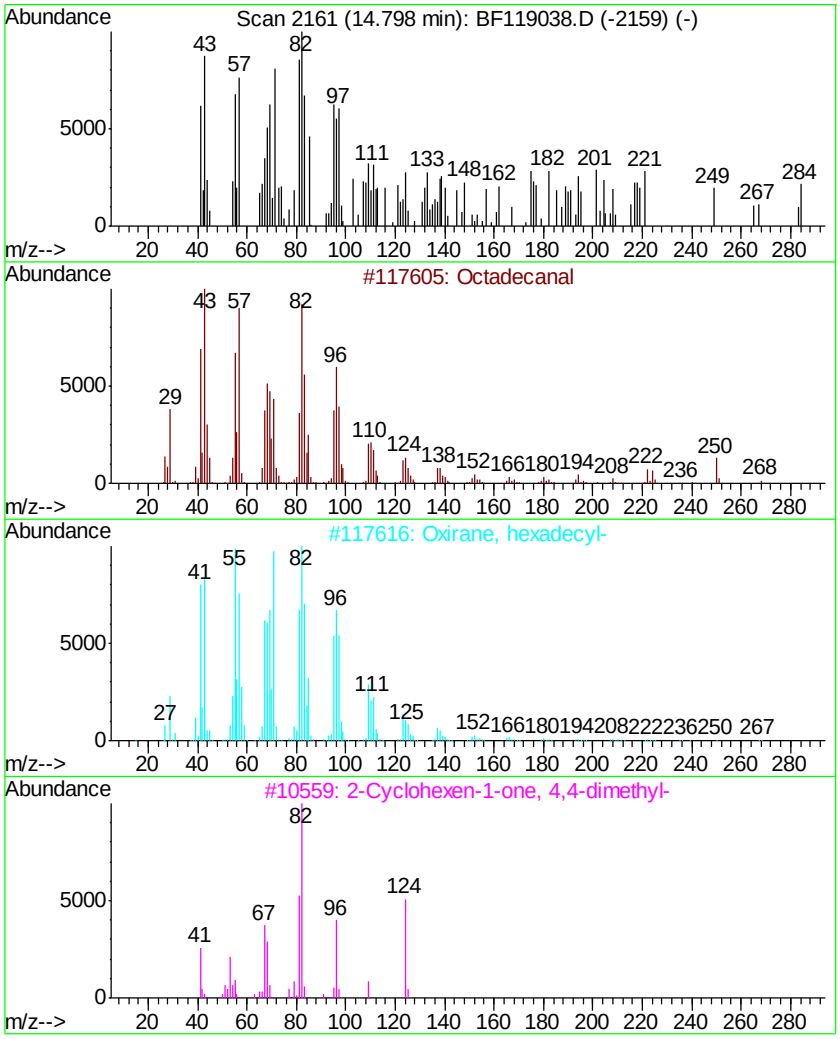
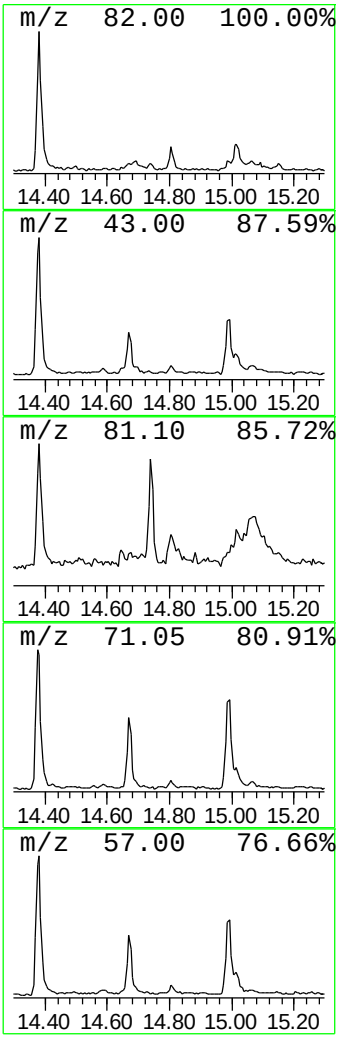
Peak Number 10 Octadecanal Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	2.25 ng	128364	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	74
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	68
3	2-Cyclohexen-1-one, 4,4-dimethyl-	124	C8H12O	001073-13-8	35
4	[1,1'-Bicyclohexyl]-4-carboxylic...	418	C28H50O2	102714-86-3	27
5	4-Piperidinamine, N,1-dimethyl-	128	C7H16N2	073579-08-5	25





Library Search Compound Report

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Acq On : 24 Feb 2020 23:27
Operator : CG/JU
Sample : L1635-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUNR-TS002-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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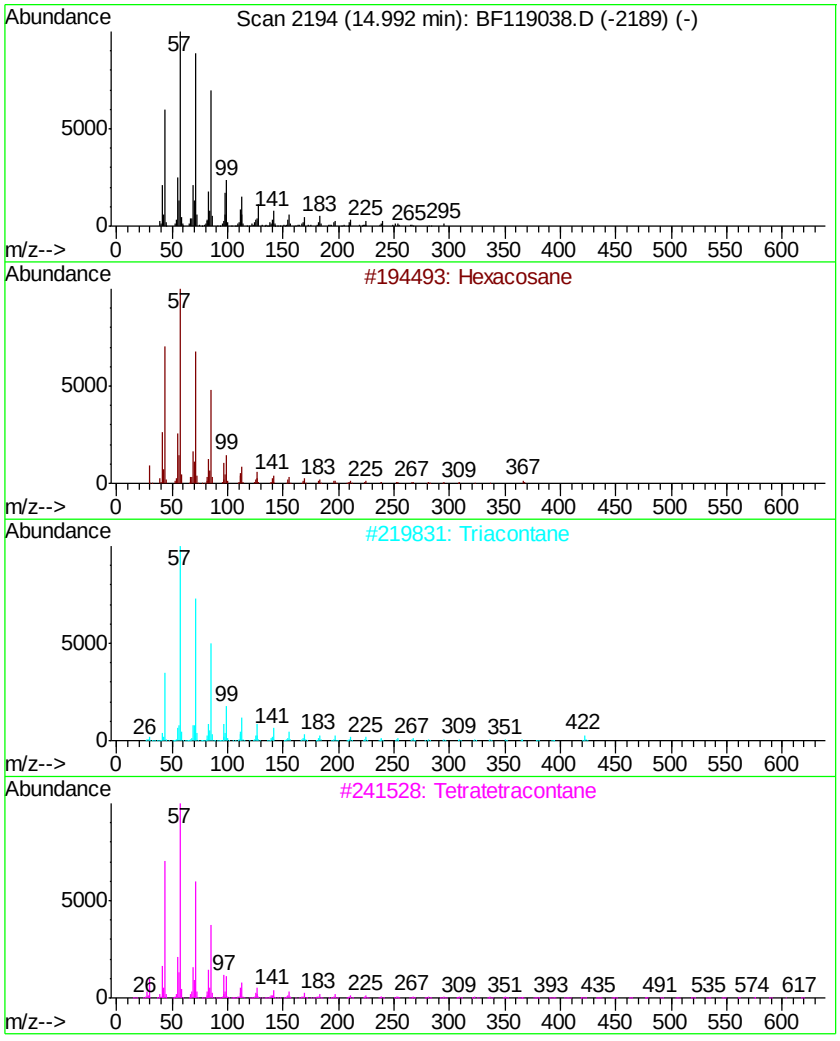
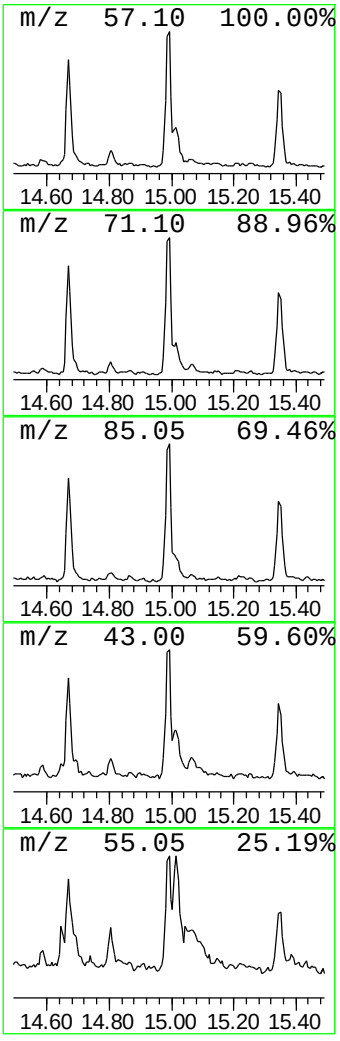
Peak Number 11 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	4.78 ng	273015	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Triacontane	422	C30H62	000638-68-6	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Octacosane	394	C28H58	000630-02-4	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





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Acq On : 24 Feb 2020 23:27
Operator : CG/JU
Sample : L1635-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUNR-TS002-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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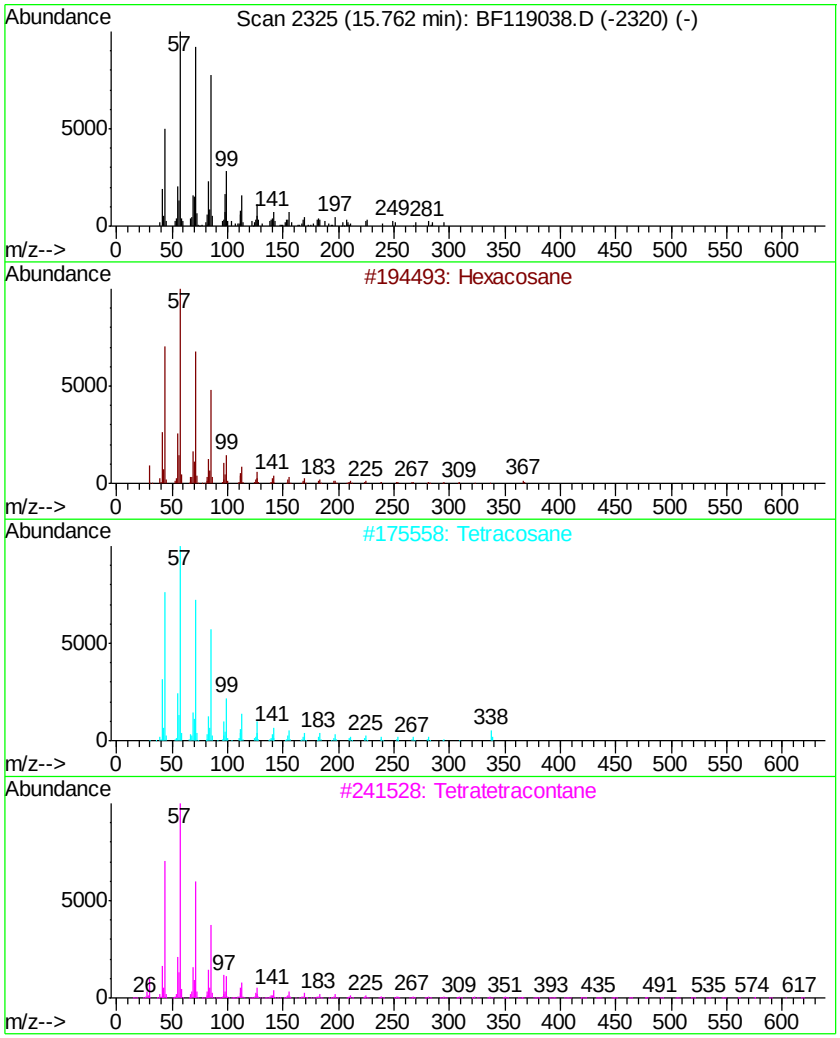
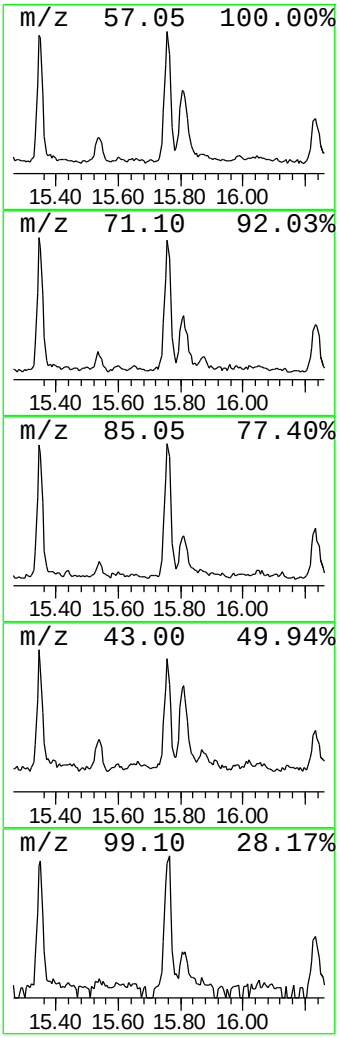
Peak Number 12 Tetracosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	2.76 ng	157694	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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Acq On : 24 Feb 2020 23:27
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUNR-TS002-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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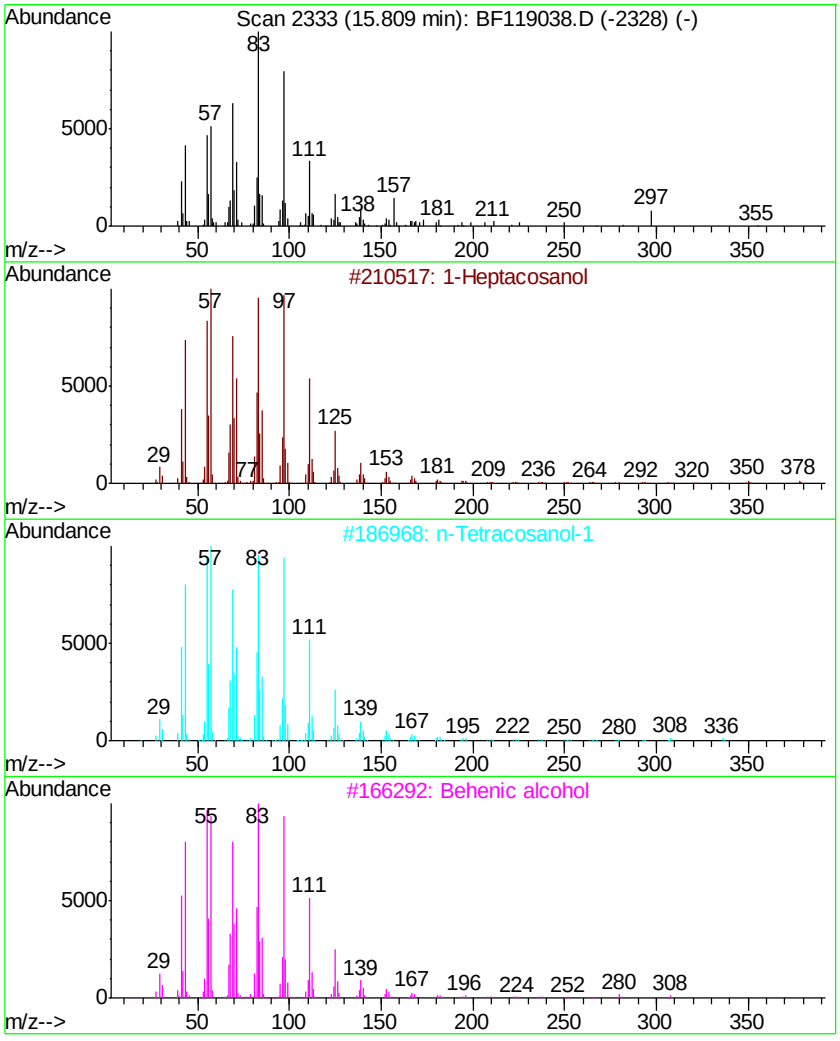
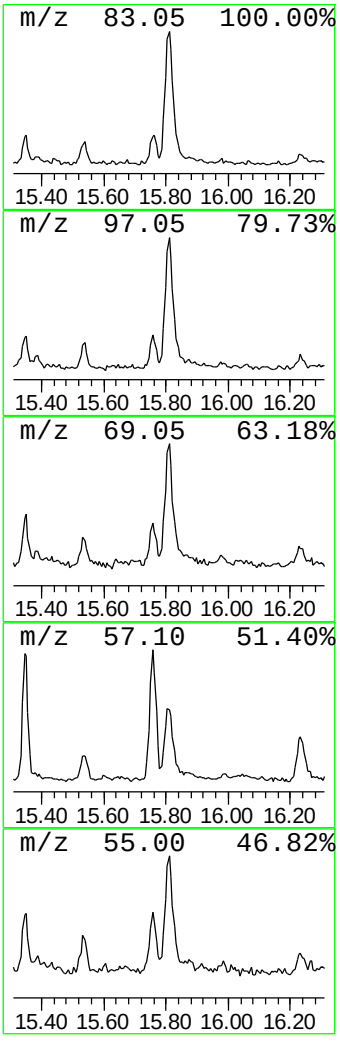
Peak Number 13 n-Tetracosanol-1 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	4.41 ng	251639	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	53
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	53
3	Behenic alcohol	326	C22H46O	000661-19-8	43
4	Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	38
5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	38





Library Search Compound Report

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Sample : L1635-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUNR-TS002-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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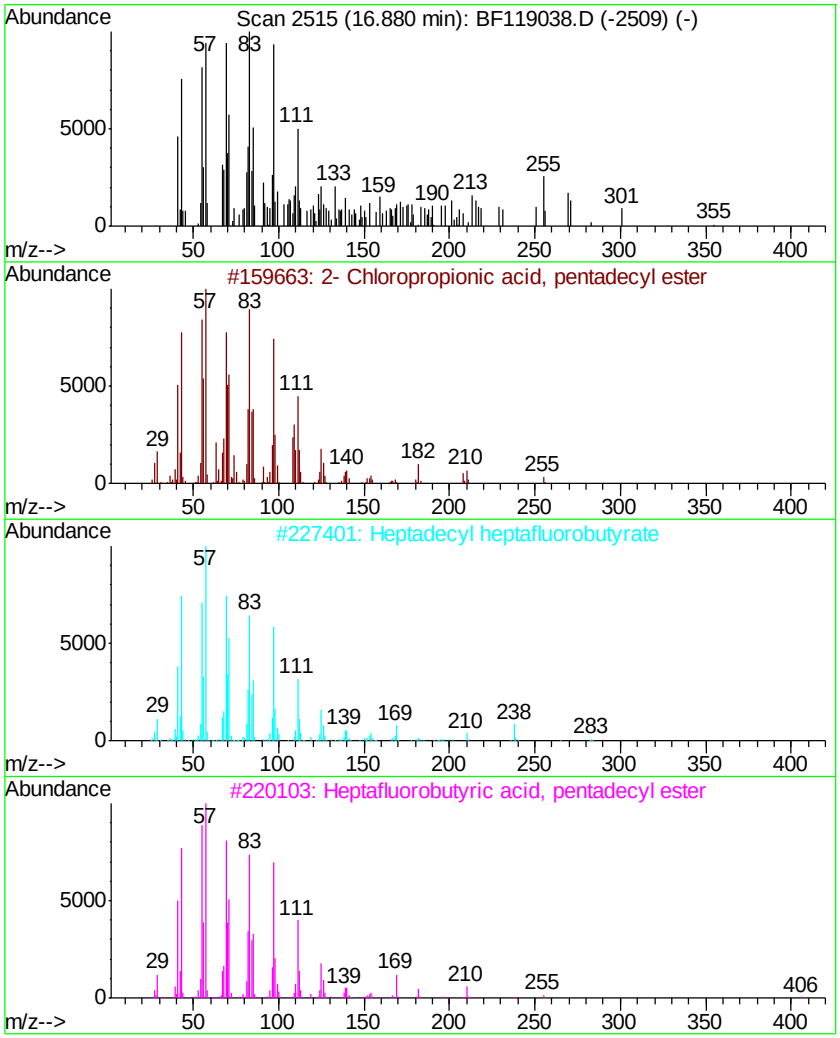
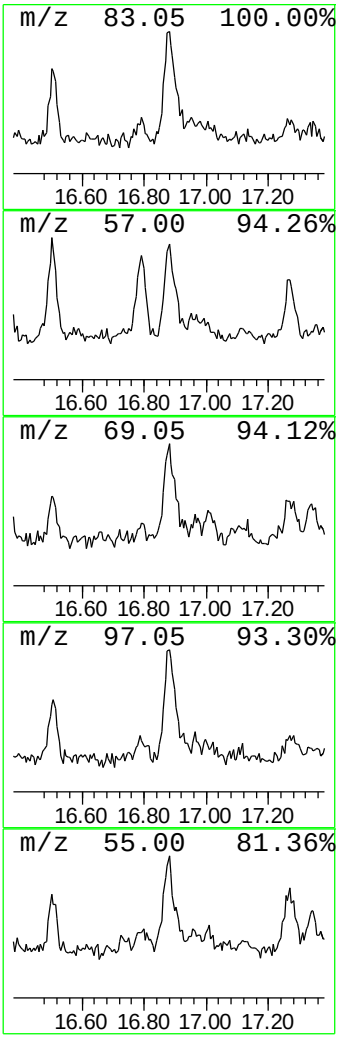
Peak Number 14 2- Chloropropionic acid, pe... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.88	2.78 ng	158779	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	83
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	74
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	74
4	1-Heptacosanol	396	C27H56O	002004-39-9	68
5	Cyclopentadecane	210	C15H30	000295-48-7	64





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Sample : L1635-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUNR-TS002-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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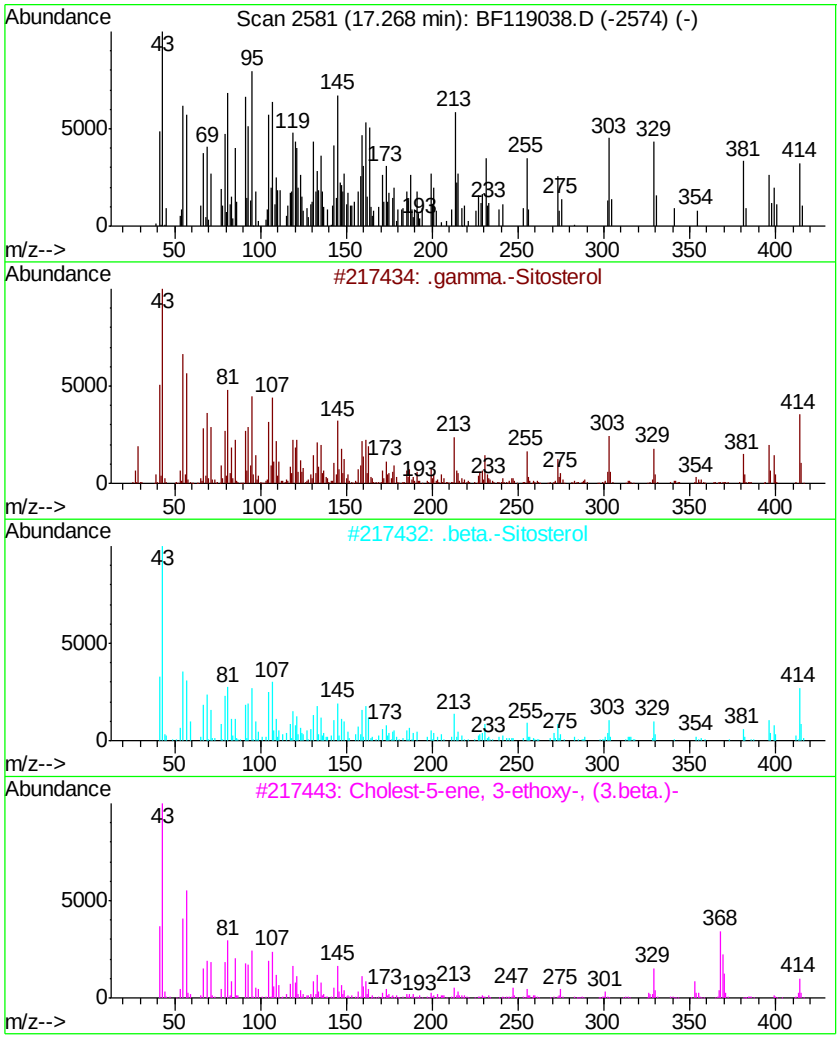
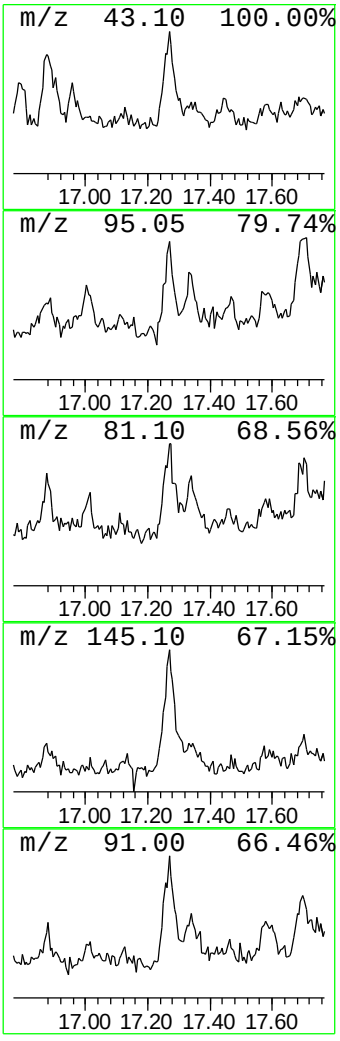
Peak Number 15 .gamma.-Sitosterol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	5.02 ng	286728	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	91
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	87
3	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	42
4	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	38
5	5.alpha.-Stigmast-9(11)-en-3.bet...	414	C29H50O	077794-81-1	32





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Acq On : 24 Feb 2020 23:27
Operator : CG/JU
Sample : L1635-05
Misc :
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Instrument : BNA_F
ClientSampleId : DUNR-TS002-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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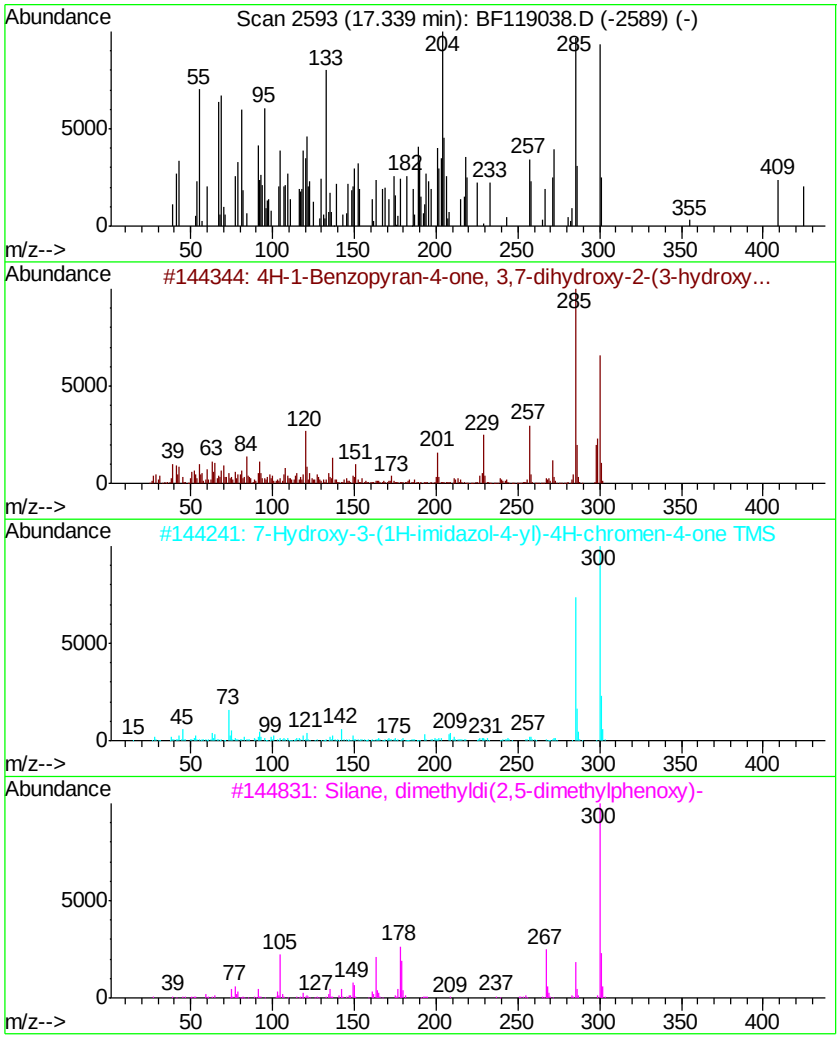
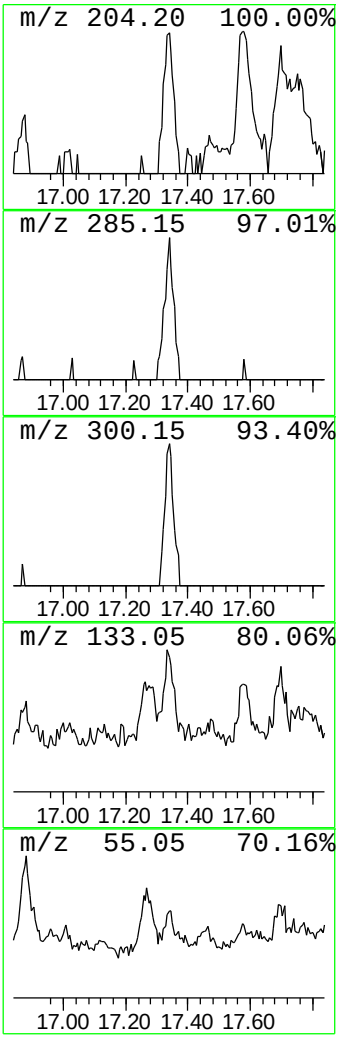
Peak Number 16 unknown17.34 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.34	2.43 ng	138854	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-1-Benzopyran-4-one, 3,7-dihyd...	300	C16H12O6	057396-72-2	27
2	7-Hydroxy-3-(1H-imidazol-4-yl)-4...	300	C15H16N2O3Si	1000331-93-3	27
3	Silane, dimethyldi(2,5-dimethylp...	300	C18H24O2Si	1000347-30-4	11
4	5,9b-Etheno-9bH-benz[g]indol-2(1...	285	C20H15NO	104155-83-1	11
5	Coronene	300	C24H12	000191-07-1	11





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Sample : L1635-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUNR-TS002-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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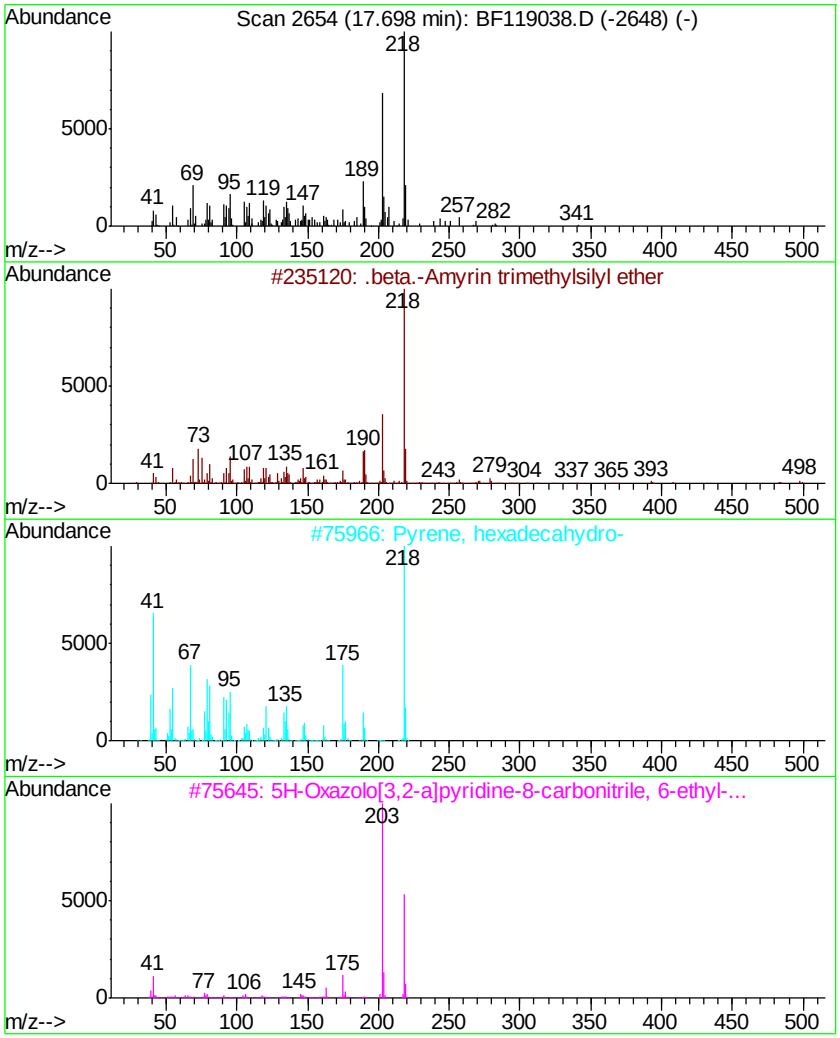
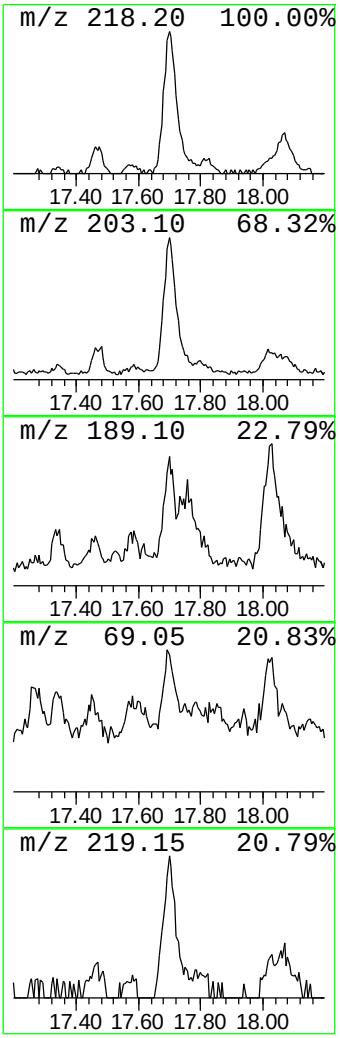
Peak Number 17 .beta.-Amyrin trimethylsily... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	4.98 ng	284189	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Amyrin trimethylsilyl ether	498	C33H58OSi	001721-67-1	53
2	Pyrene, hexadecahydro-	218	C16H26	002435-85-0	53
3	5H-Oxazolo[3,2-a]pyridine-8-carb...	218	C12H14N2O2	1000337-58-3	50
4	5(1H)-Azulenone, 2,4,6,7,8,8a-he...	218	C15H22O	006754-66-1	49
5	(1S,6R,9S)-5,5,9,10-Tetramethylt...	218	C16H26	1000298-97-8	47





Library Search Compound Report

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Sample : L1635-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUNR-TS002-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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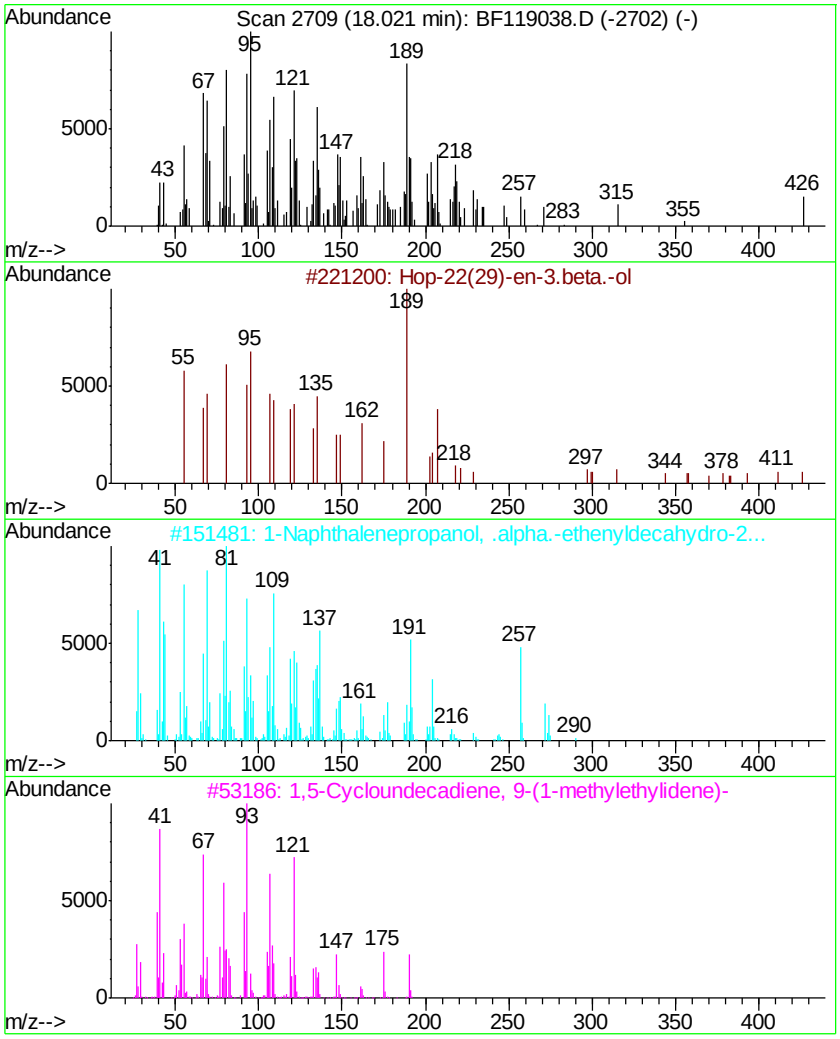
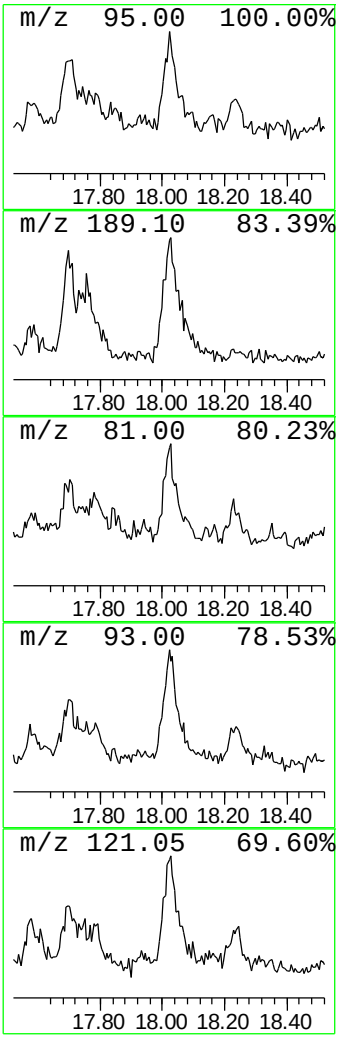
Peak Number 18 Hop-22(29)-en-3.beta.-ol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	5.61 ng	320626	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	83
2	1-Naphthalenepropanol, .alpha.-e...	308	C20H36O2	000515-03-7	49
3	1,5-Cycloundecadiene, 9-(1-methy...	190	C14H22	062338-55-0	44
4	2,6,10,10-Tetramethylbicyclo[7.2...	204	C15H24	136296-37-2	41
5	1,1,6-trimethyl-3-methylene-2-(3...	452	C33H56	1000373-94-5	38





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Instrument : BNA_F
ClientSampleId : DUNR-TS002-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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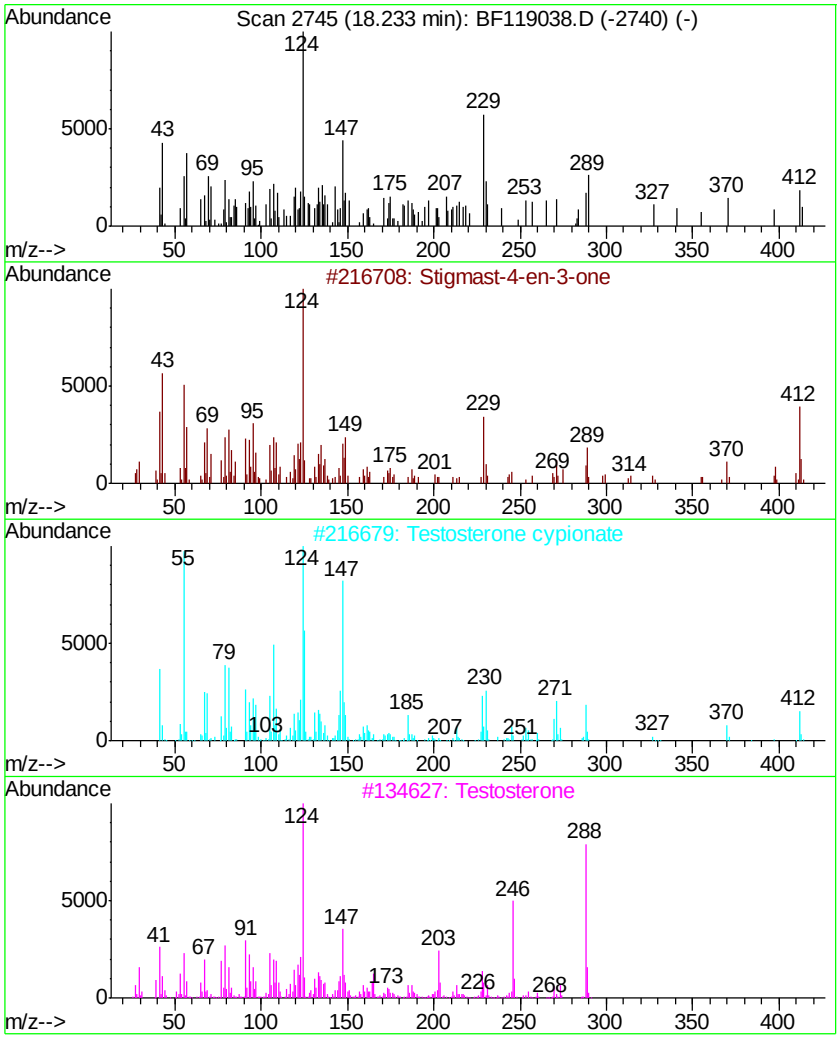
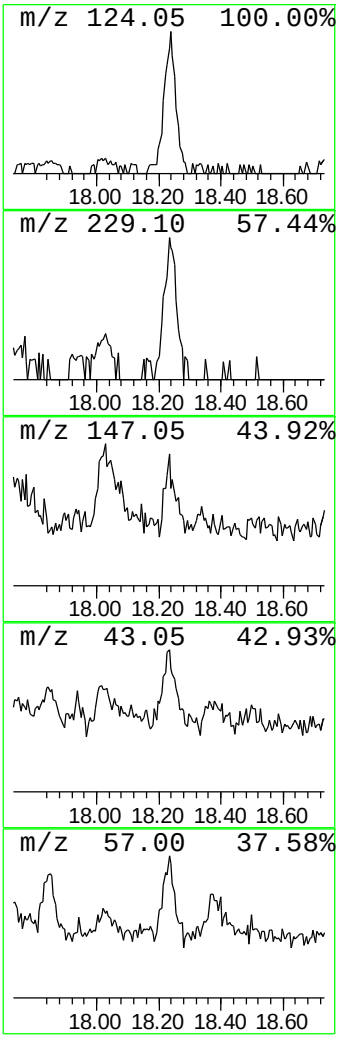
Peak Number 19 Stigmast-4-en-3-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	2.85 ng	162822	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	90
2	Testosterone cypionate	412	C27H40O3	000058-20-8	50
3	Testosterone	288	C19H28O2	000058-22-0	38
4	(Z,Z)-3-Methyl-3H-cyclonona(def)...	230	C18H14	110823-80-8	38
5	Thiophene-2-sulfonic acid, (3-fl...	271	C11H10FNO2S2	1000311-21-1	38





Tentatively Identified Compound (LSC) summary

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Operator : CG/JU
Sample : L1635-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUNR-TS002-01

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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
2,4,7,9-Tetrameth...	9.23	4.3	ng	294425	3	9.79	1375070	20.0
unknown10.37	10.37	2.1	ng	144793	3	9.79	1375070	20.0
Longifolenaldehyde	11.69	2.2	ng	143255	4	11.27	1283510	20.0
n-Hexadecanoic acid	11.80	6.1	ng	393431	4	11.27	1283510	20.0
E-14-Hexadecenal	13.74	14.1	ng	669549	5	13.90	948560	20.0
Sulfurous acid, d...	14.07	2.9	ng	137371	5	13.90	948560	20.0
1-Heptacosanol	14.38	18.9	ng	898537	5	13.90	948560	20.0
Triacontane	14.67	3.5	ng	198295	6	15.33	1142360	20.0
Octadecanal	14.80	2.3	ng	128364	6	15.33	1142360	20.0
Hexacosane	14.99	4.8	ng	273015	6	15.33	1142360	20.0
Tetracosane	15.76	2.8	ng	157694	6	15.33	1142360	20.0
n-Tetracosanol-1	15.81	4.4	ng	251639	6	15.33	1142360	20.0
2- Chloropropioni...	16.88	2.8	ng	158779	6	15.33	1142360	20.0
.gamma.-Sitosterol	17.27	5.0	ng	286728	6	15.33	1142360	20.0
unknown17.34	17.34	2.4	ng	138854	6	15.33	1142360	20.0
.beta.-Amyrin tri...	17.70	5.0	ng	284189	6	15.33	1142360	20.0
Hop-22(29)-en-3.b...	18.02	5.6	ng	320626	6	15.33	1142360	20.0
Stigmast-4-en-3-one	18.23	2.9	ng	162822	6	15.33	1142360	20.0