LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112015.D
Acq On : 11 Jan 2019 15:13
Operator : JU/SJ
Sample : K1102-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-02(20-25)

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-BF010719.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	2.169	11	14	20	rVB	60939	87222	4.28%	0.286%
2	3.963	315	319	324	rBV2	27539	36456	1.79%	0.119%
3	5.092	506	511	517	rBV	95285	115788	5.68%	0.379%
4	5.510	577	582	585	rBV	1965131	1833685	89.88%	6.006%
5	6.516	748	753	764	rBV	2079125	2004188	98.24%	6.564%
6	6.645	771	775	779	rBV	2118927	1979240	97.01%	6.482%
7	6.875	810	814	817	rBV	634425	560696	27.48%	1.836%
8	7.028	836	840	844	rBV	1712082	1561227	76.52%	5.113%
9	7.281	879	883	891	rBV	428227	386607	18.95%	1.266%
10	7.433	904	909	912	rBV	1224944	1219128	59.76%	3.993%
11	8.157	1028	1032	1035	rBV	762107	686601	33.65%	2.249%
12	9.227	1210	1214	1217	rBV	2489261	2040169	100.00%	6.682%
13	9.616	1277	1280	1284	rBV	466914	374972	18.38%	1.228%
14	9.910	1326	1330	1334	rBV	866881	723886	35.48%	2.371%
15	10.698	1460	1464	1468	rBV	1375743	1212923	59.45%	3.973%
16	10.898	1494	1498	1502	rBV3	22040	26625	1.31%	0.087%
17	11.398	1579	1583	1588	rBV	756676	686824	33.67%	2.249%
18	11.916	1668	1671	1677	rBV	90671	104204	5.11%	0.341%
19	12.280	1730	1733	1735	rBV3	23029	26758	1.31%	0.088%
20	12.704	1802	1805	1810	rBV5	41950	53855	2.64%	0.176%
21	12.904	1837	1839	1841	rBV3	45763	32878	1.61%	0.108%
22	12.980	1846	1852	1855	rVV	1821390	1716913	84.16%	5.623%
23	13.139	1877	1879	1880	rBV	41218	34107	1.67%	0.112%
24	13.210	1889	1891	1894	rBV3	57277	58675	2.88%	0.192%
25	13.668	1966	1969	1972	rBV	1140749	965540	47.33%	3.162%
26	13.698	1972	1974	1975	rVV	86903	62934	3.08%	0.206%
27	13.745	1979	1982	1983	rVV3	101671	128196	6.28%	0.420%
28	13.774	1985	1987	1988	rVV	197740	149765	7.34%	0.491%
29	13.798	1988	1991	1997	rVV3	266046	461072	22.60%	1.510%
30	13.868	2001	2003	2008	rVV2	522875	605988	29.70%	1.985%
31	13.957	2015	2018	2020	rBV3	145151	165117	8.09%	0.541%
32	13.980	2020	2022	2023	rVV	102715	74269	3.64%	0.243%
33	14.009	2023	2027	2029	rVV3	168084	267996	13.14%	0.878%
34	14.039	2029	2032	2035	rVB	811146	758918	37.20%	2.486%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112015.D
Acq On : 11 Jan 2019 15:13
Operator : JU/SJ
Sample : K1102-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-02(20-25)

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-BF010719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.162	2051	2053	2054	rBV2	109770	91969	4.51%	0.301%
36	14.321	2076	2080	2083	rBV	1550347	1394051	68.33%	4.566%
37	14.374	2087	2089	2091	rBV2	129027	124701	6.11%	0.408%
38	14.504	2109	2111	2114	rBV	352864	338166	16.58%	1.108%
39	14.956	2185	2188	2191	rBV	515198	468203	22.95%	1.533%
40	15.151	2219	2221	2224	rBV	131717	138466	6.79%	0.454%
41	15.521	2279	2284	2290	rBV	548926	893799	43.81%	2.927%
42	15.739	2318	2321	2326	rBV	167927	204691	10.03%	0.670%
43	15.803	2330	2332	2335	rBV3	111646	135535	6.64%	0.444%
44	16.492	2447	2449	2455	rVB3	173184	240183	11.77%	0.787%
45	17.092	2546	2551	2557	rBV3	131786	239911	11.76%	0.786%
46	17.274	2574	2582	2588	rBV3	435853	1044832	51.21%	3.422%
47	17.356	2590	2596	2603	rVB2	643282	1422446	69.72%	4.659%
48	17.680	2646	2651	2661	rVB4	439033	1047529	51.35%	3.431%
49	17.939	2689	2695	2703	rBV3	579941	1461435	71.63%	4.787%
50	18.186	2735	2737	2742	rVB5	81912	83039	4.07%	0.272%

Sum of corrected areas: 30532378

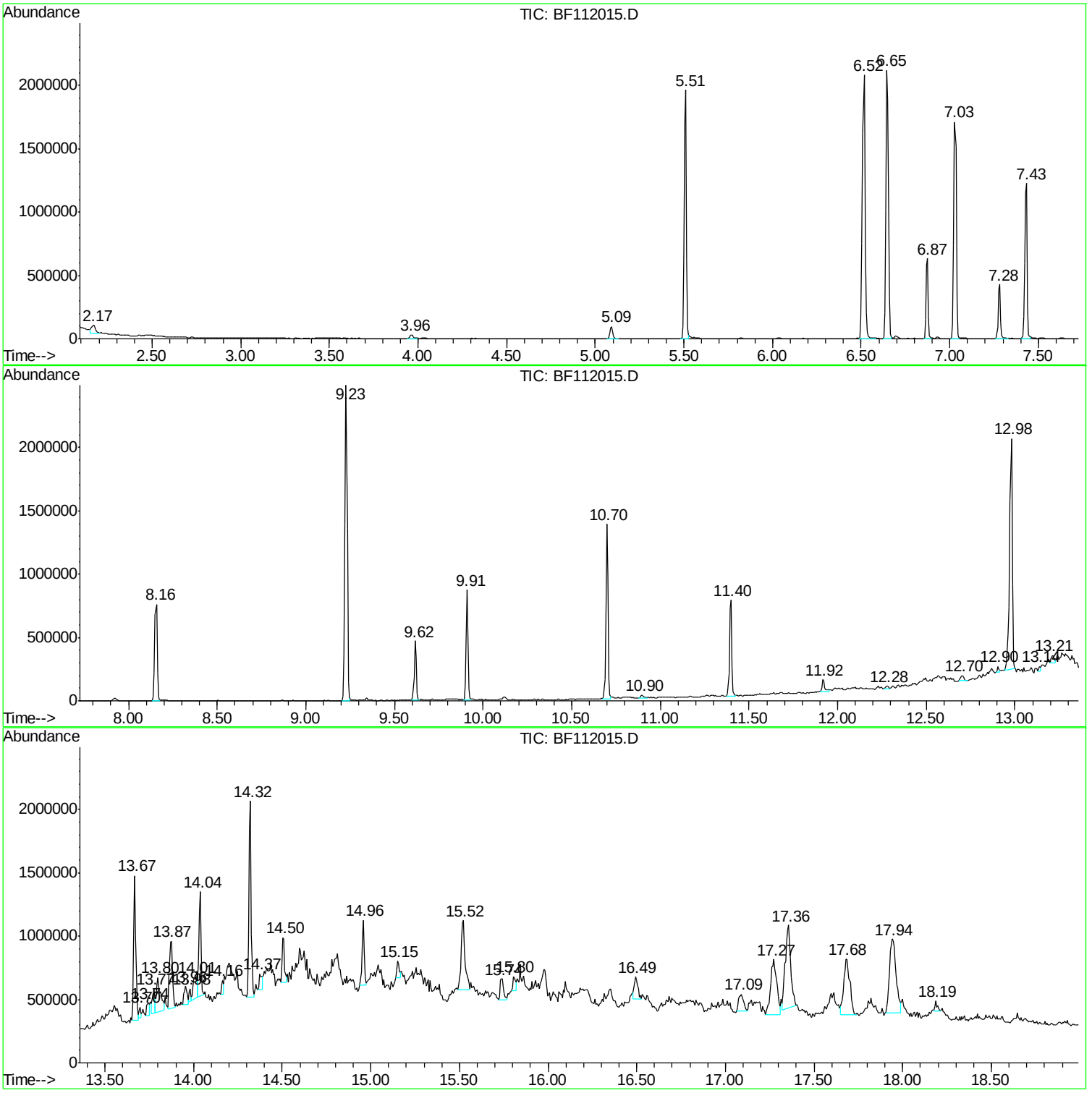
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112015.D
Acq On : 11 Jan 2019 15:13
Operator : JU/SJ
Sample : K1102-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-02(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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\BF011119\
Data File : BF112015.D
Acq On : 11 Jan 2019 15:13
Operator : JU/SJ
Sample : K1102-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-02(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

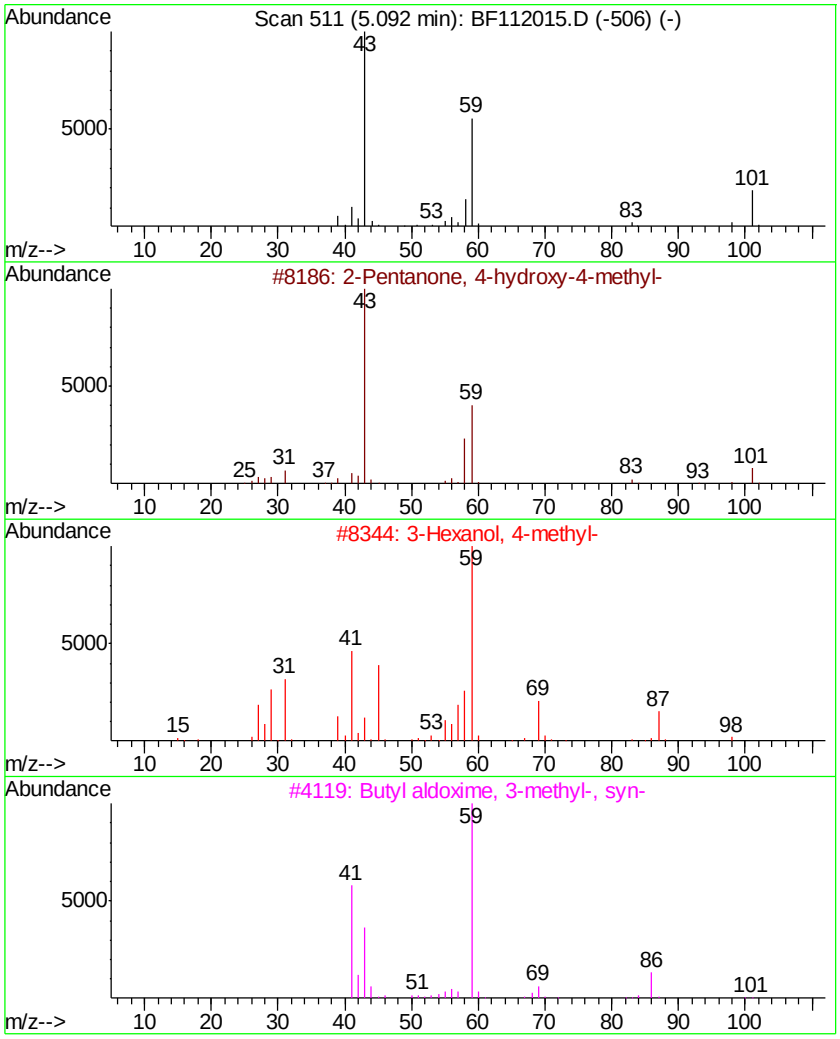
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

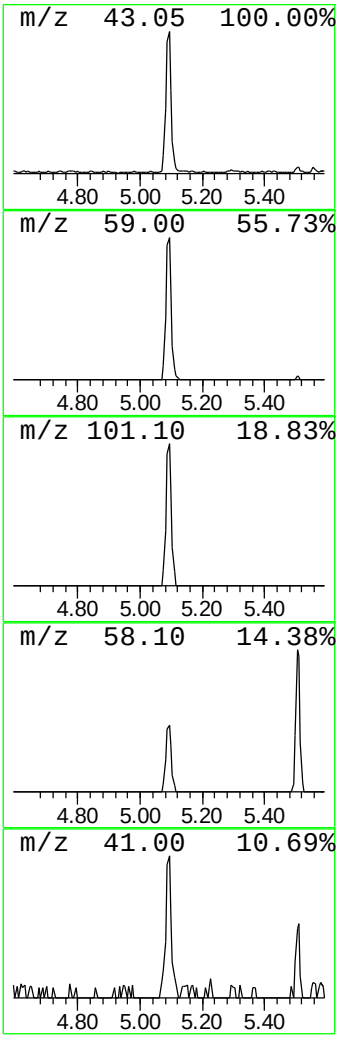
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	4.13 ng	115788	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	32
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112015.D
Acq On : 11 Jan 2019 15:13
Operator : JU/SJ
Sample : K1102-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-02(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

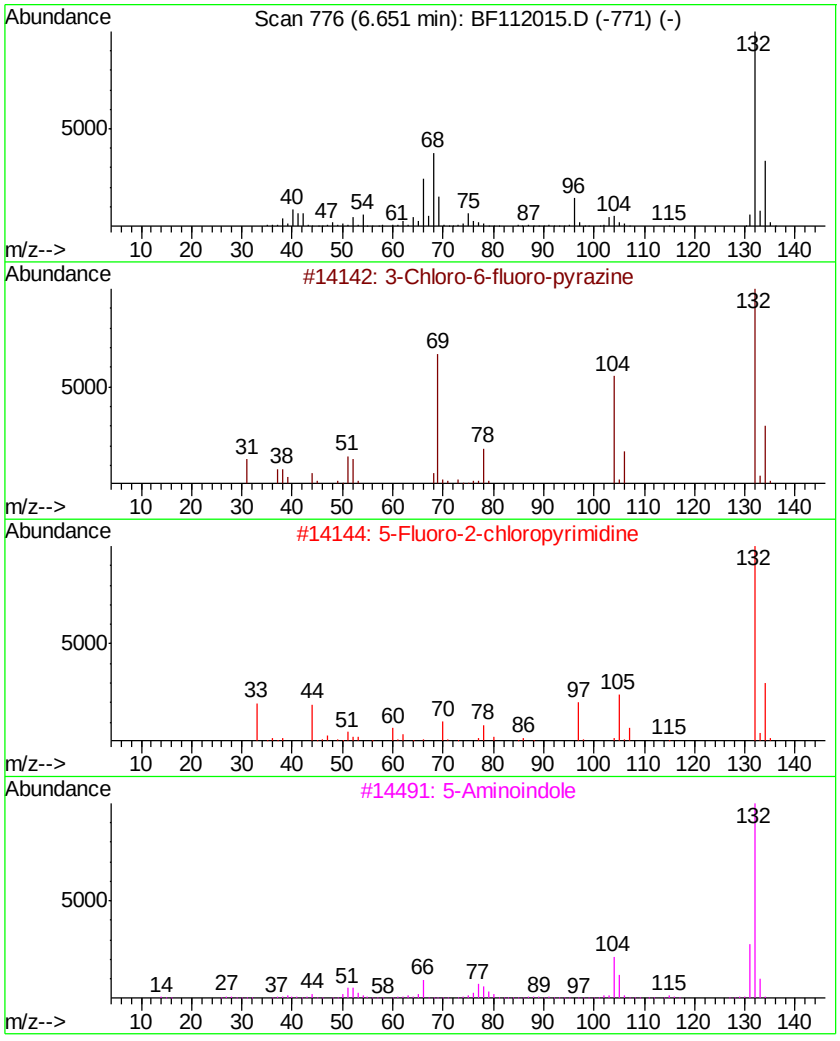
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

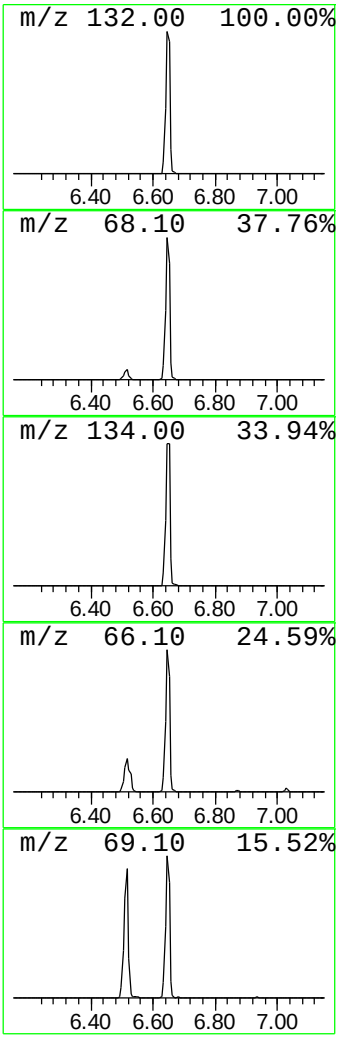
****

Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	70.60 ng	1979240	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112015.D
Acq On : 11 Jan 2019 15:13
Operator : JU/SJ
Sample : K1102-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-02(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

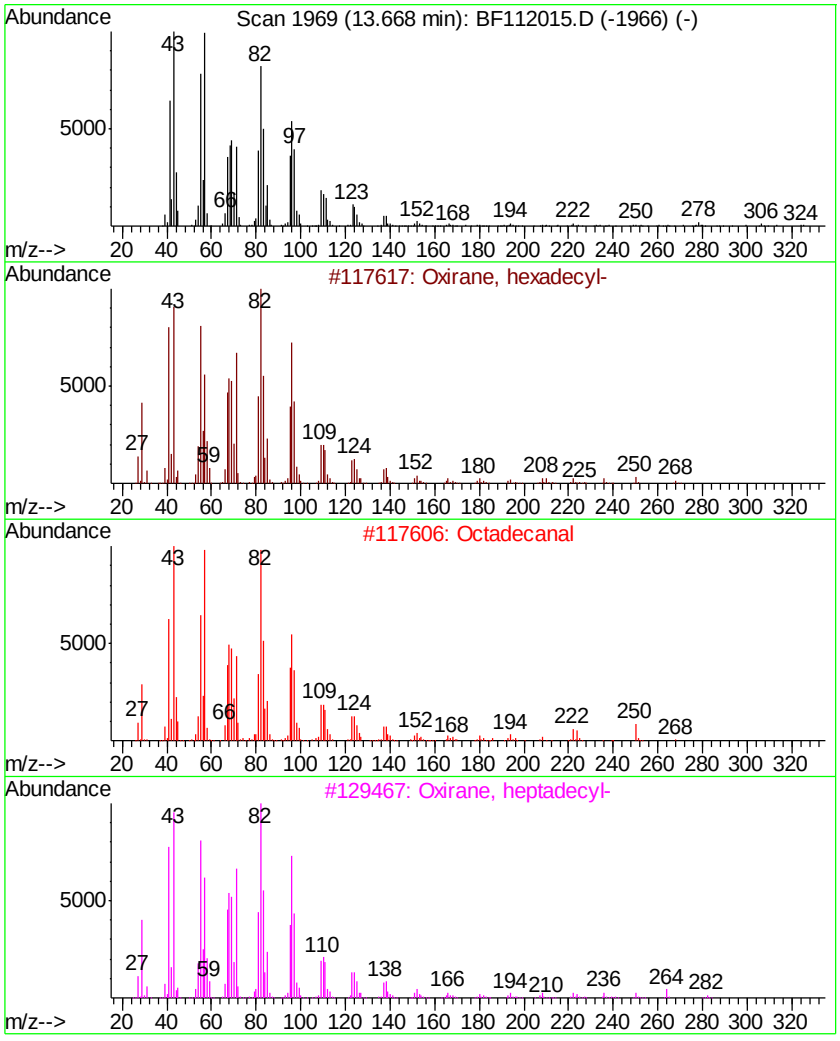
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

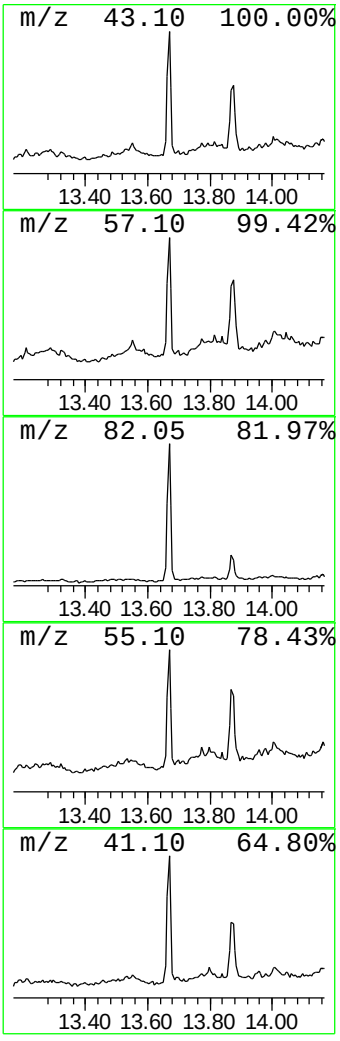
****

Peak Number 4 Oxirane, hexadecyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	25.45 ng	965540	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2	Octadecanal	268	C18H36O	000638-66-4	91
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
4	1,19-Eicosadiene	278	C20H38	014811-95-1	90
5	Pentadecanal-	226	C15H30O	002765-11-9	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112015.D
Acq On : 11 Jan 2019 15:13
Operator : JU/SJ
Sample : K1102-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-02(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

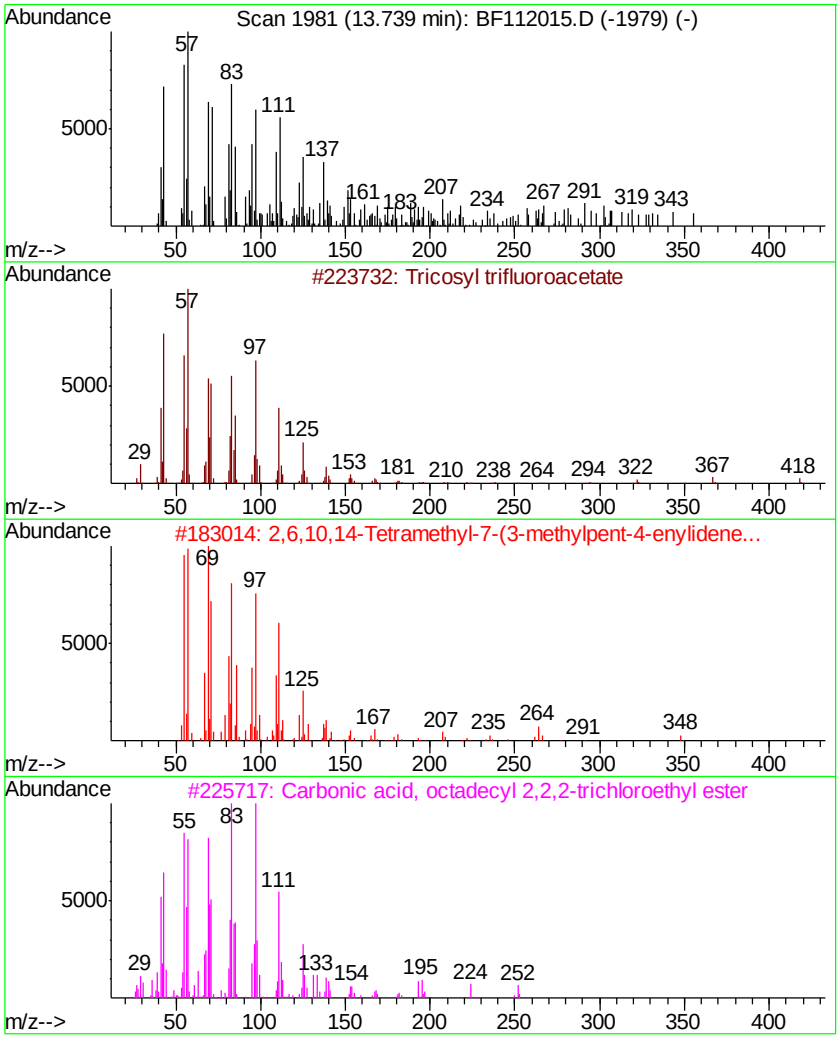
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

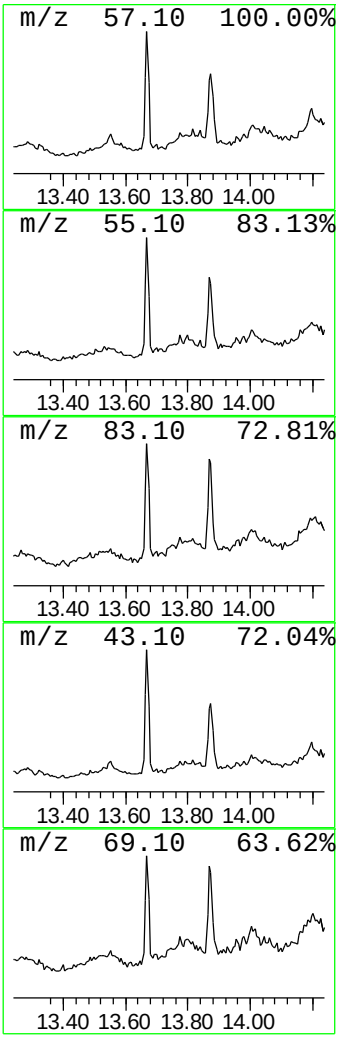
****

Peak Number 5 Tricosyl trifluoroacetate Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	3.38 ng	128196	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	64
2	2,6,10,14-Tetramethyl-7-(3-methy...	348	C25H48	1000370-41-6	60
3	Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	58
4	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	58
5	Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112015.D
Acq On : 11 Jan 2019 15:13
Operator : JU/SJ
Sample : K1102-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-02(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

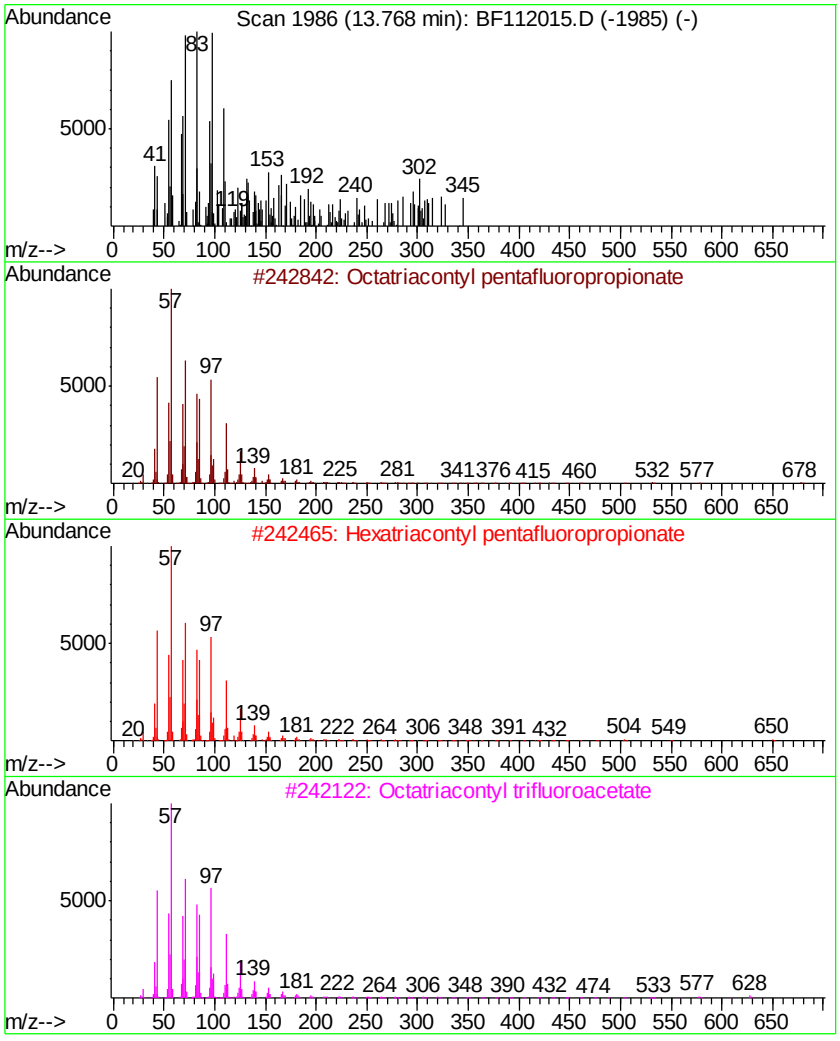
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

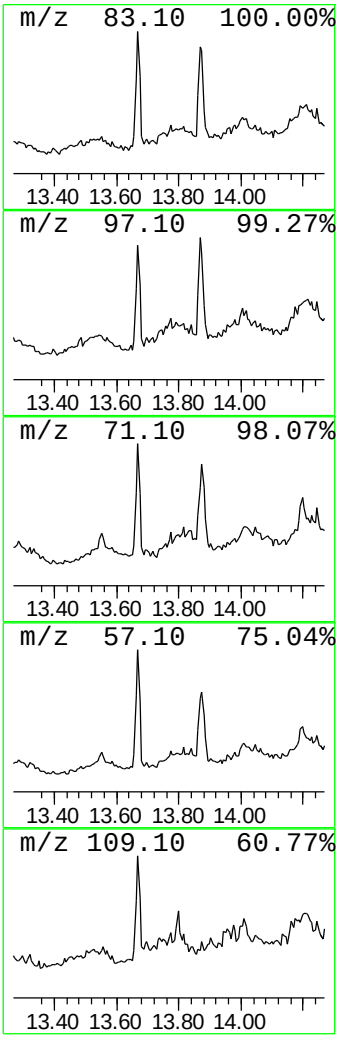
****

Peak Number 6 Octatriacontyl pentafluorop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	3.95 ng	149765	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	68
2	Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	68
3	Octatriacontyl trifluoroacetate	647	C40H77F3O2	1000351-88-7	52
4	Tetradecanoic acid, 2-hydroxy-, ...	258	C15H30O3	056009-40-6	49
5	Decane, 1,2-dibromo-	298	C10H20Br2	028467-71-2	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112015.D
Acq On : 11 Jan 2019 15:13
Operator : JU/SJ
Sample : K1102-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-02(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

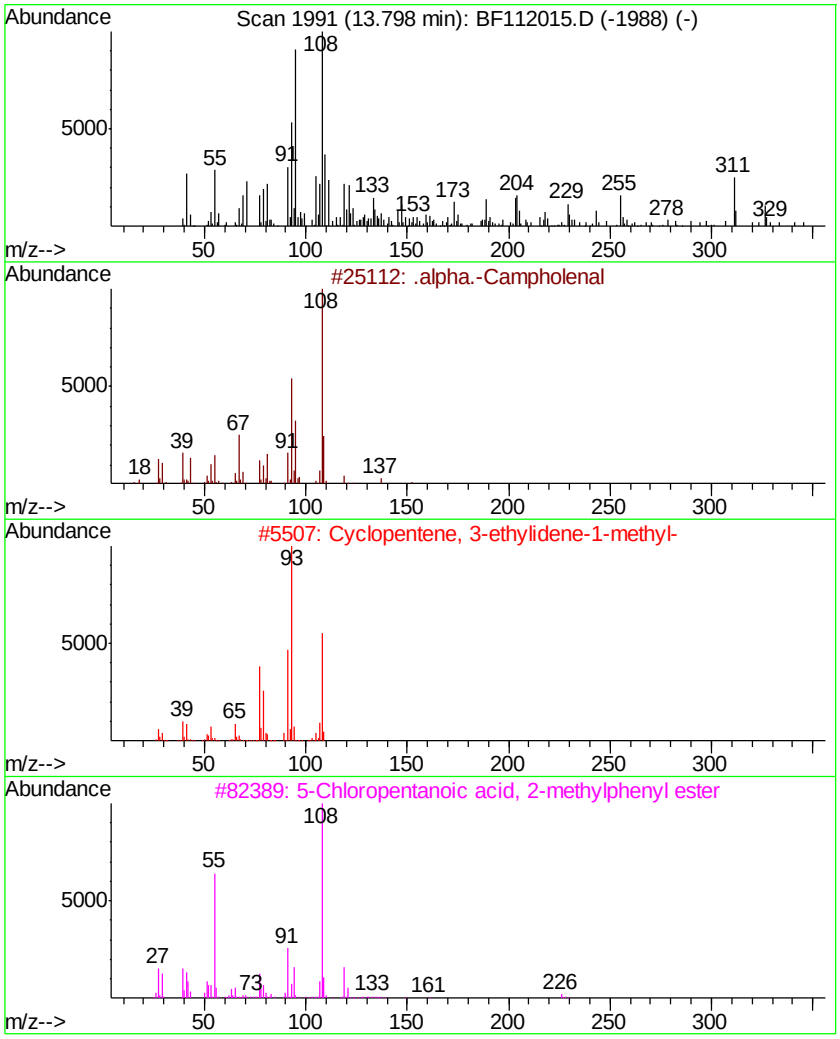
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

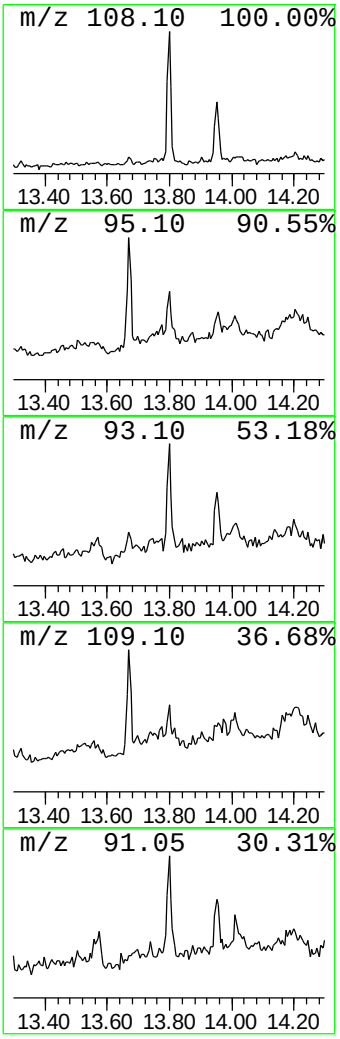
****

Peak Number 7 unknown13.80 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	12.15 ng	461072	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Campholenal	152	C10H16O	004501-58-0	43
2	Cyclopentene, 3-ethylidene-1-met...	108	C8H12	062338-00-5	38
3	5-Chloropentanoic acid, 2-methyl...	226	C12H15ClO2	1000293-57-8	22
4	2-Butyl-3-methylpyrazine	150	C9H14N2	015987-00-5	18
5	1-Cyclopenta-2,4-dienylundec-10-...	232	C16H24O	1000190-22-6	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112015.D
Acq On : 11 Jan 2019 15:13
Operator : JU/SJ
Sample : K1102-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-02(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

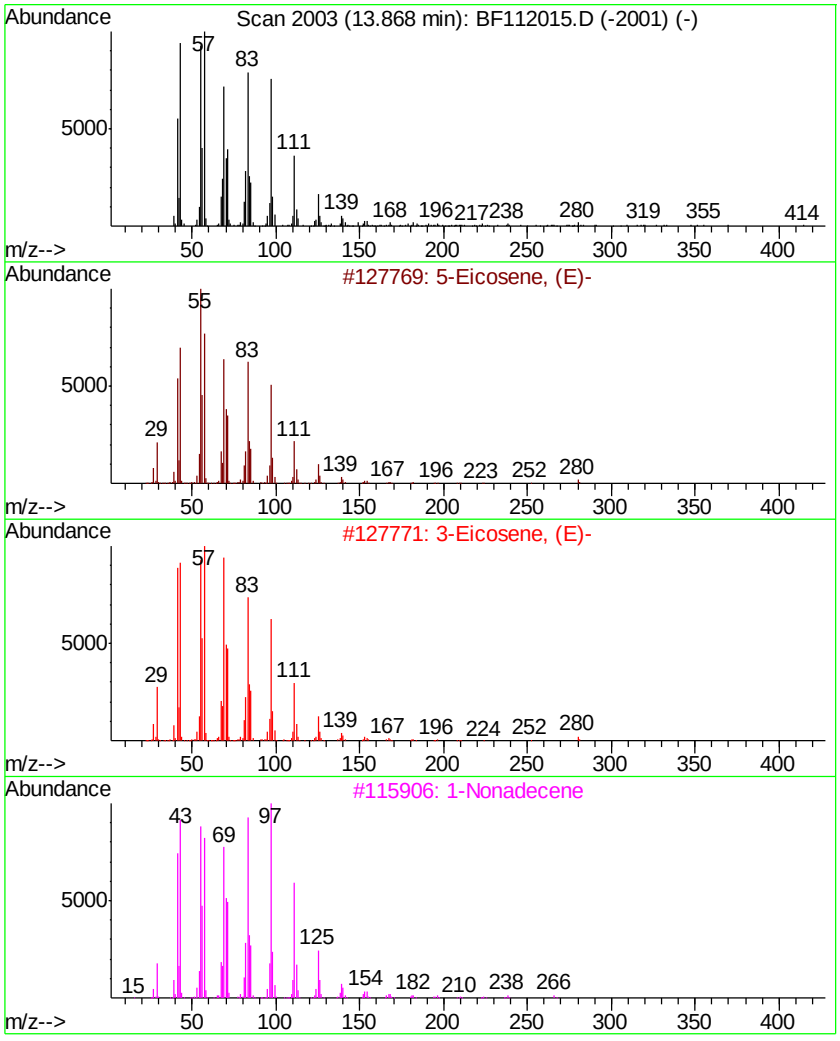
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

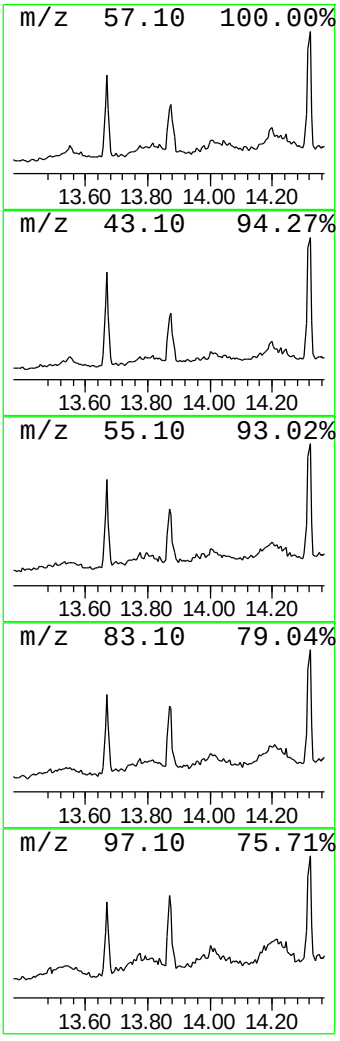
****

Peak Number 8 5-Eicosene, (E)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	15.97 ng	605988	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	98
3	1-Nonadecene	266	C19H38	018435-45-5	98
4	Cycloeicosane	280	C20H40	000296-56-0	95
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112015.D
Acq On : 11 Jan 2019 15:13
Operator : JU/SJ
Sample : K1102-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-02(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

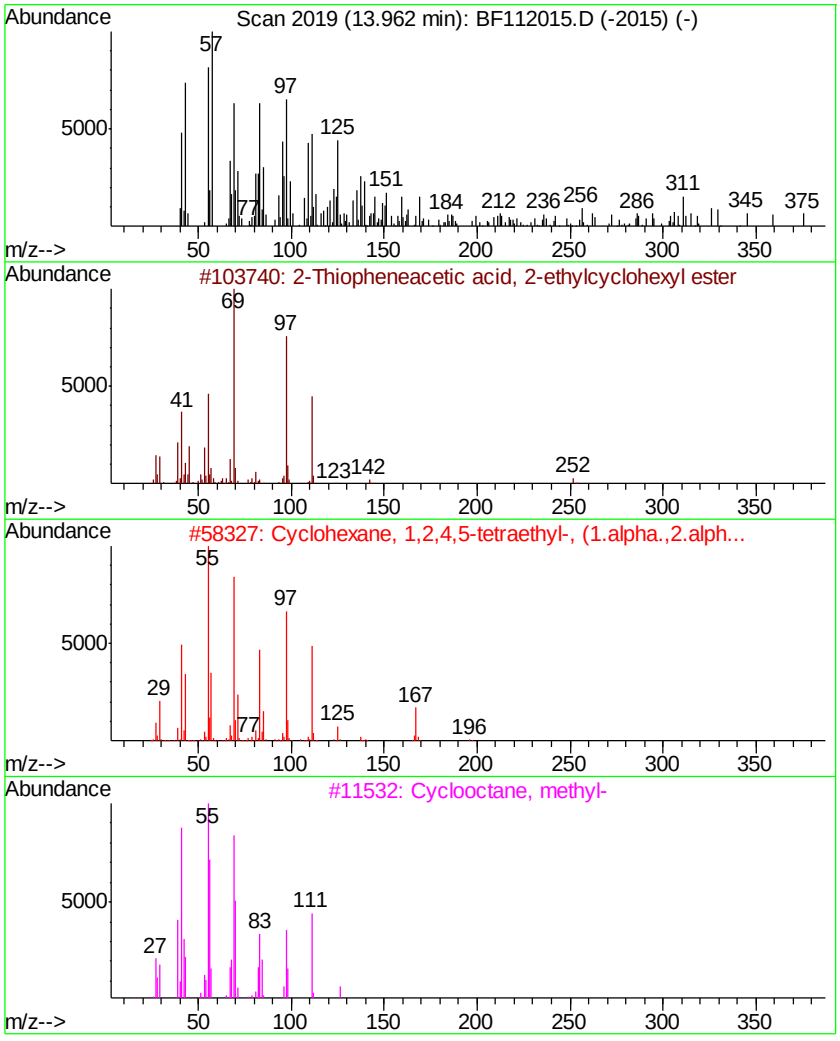
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

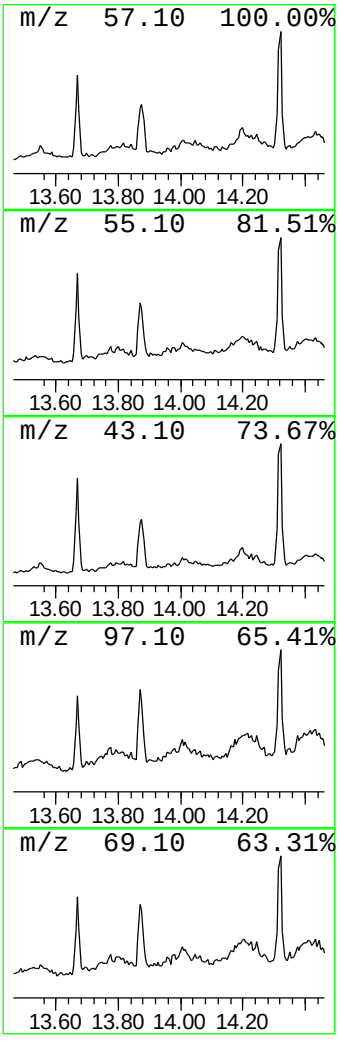
****

Peak Number 9 unknown13.96 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	4.35 ng	165117	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Thiopheneacetic acid, 2-ethylc...	252	C14H20O2S	1000278-96-1	38
2	Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	35
3	Cyclooctane, methyl-	126	C9H18	001502-38-1	25
4	Silane, chlorodiethylhexadecyloxy-	362	C20H43ClOSi	1000363-97-5	25
5	Octane, 1,8-dibromo-	270	C8H16Br2	004549-32-0	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112015.D
Acq On : 11 Jan 2019 15:13
Operator : JU/SJ
Sample : K1102-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-02(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

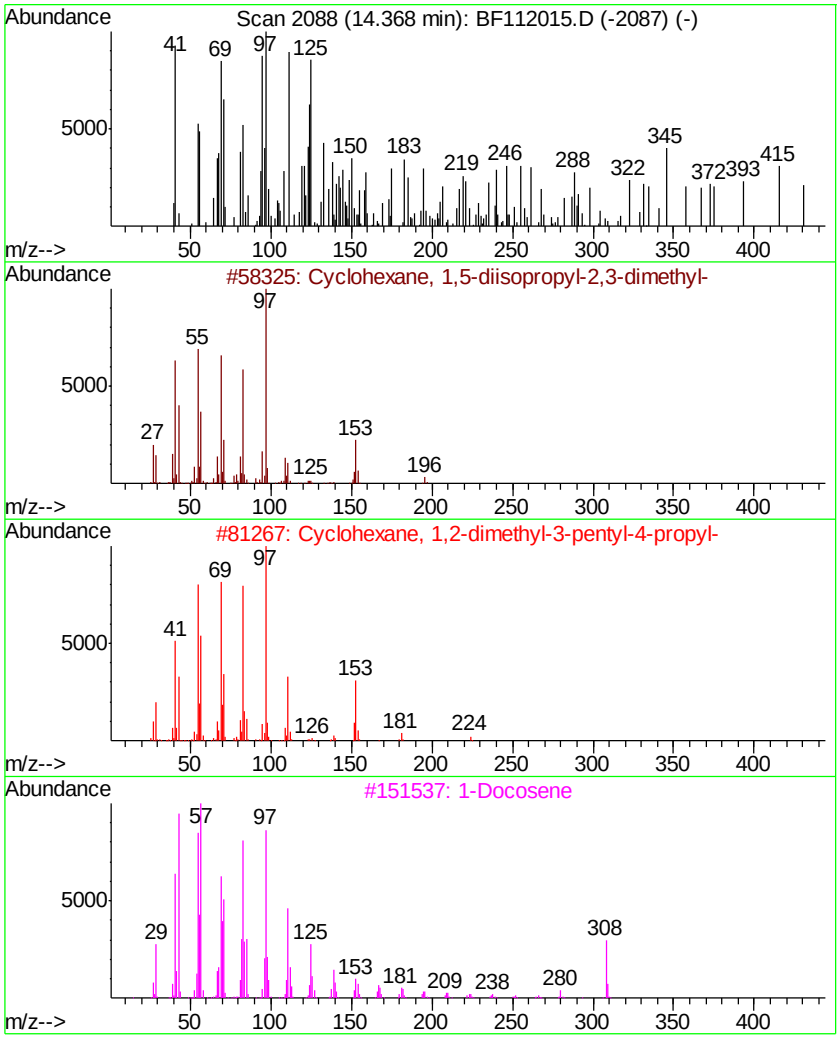
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

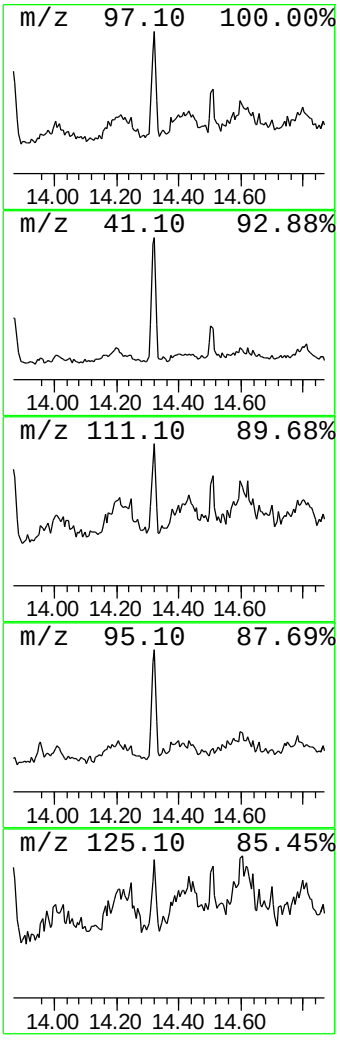
****

Peak Number 11 unknown14.37 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	3.29 ng	124701	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,5-diisopropyl-2,3...	196	C14H28	1000149-58-8	38
2	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	35
3	1-Docosene	308	C22H44	001599-67-3	30
4	2(5H)-Furanone, 4-methyl-5-(2-me...	152	C9H12O2	089902-24-9	27
5	Cyclopentanecarboxylic acid, 4-h...	338	C22H42O2	1000282-77-5	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112015.D
Acq On : 11 Jan 2019 15:13
Operator : JU/SJ
Sample : K1102-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-02(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

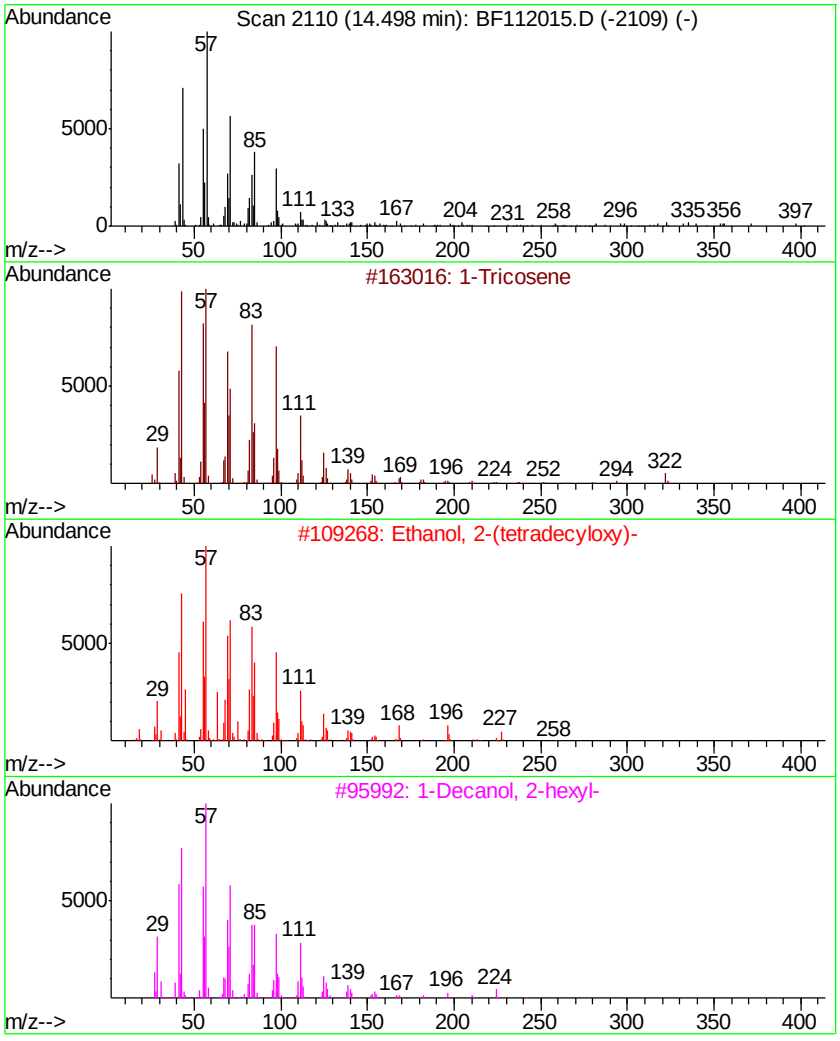
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

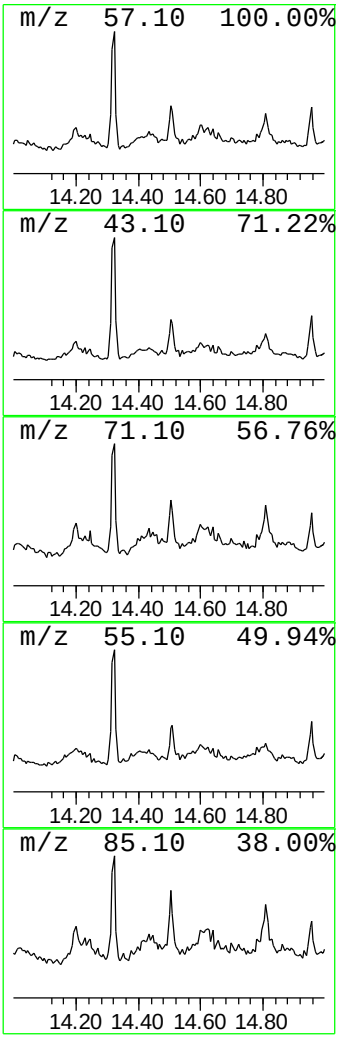
****

Peak Number 12 1-Tricosene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	8.91 ng	338166	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	95
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	89
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	87
5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112015.D
Acq On : 11 Jan 2019 15:13
Operator : JU/SJ
Sample : K1102-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-02(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

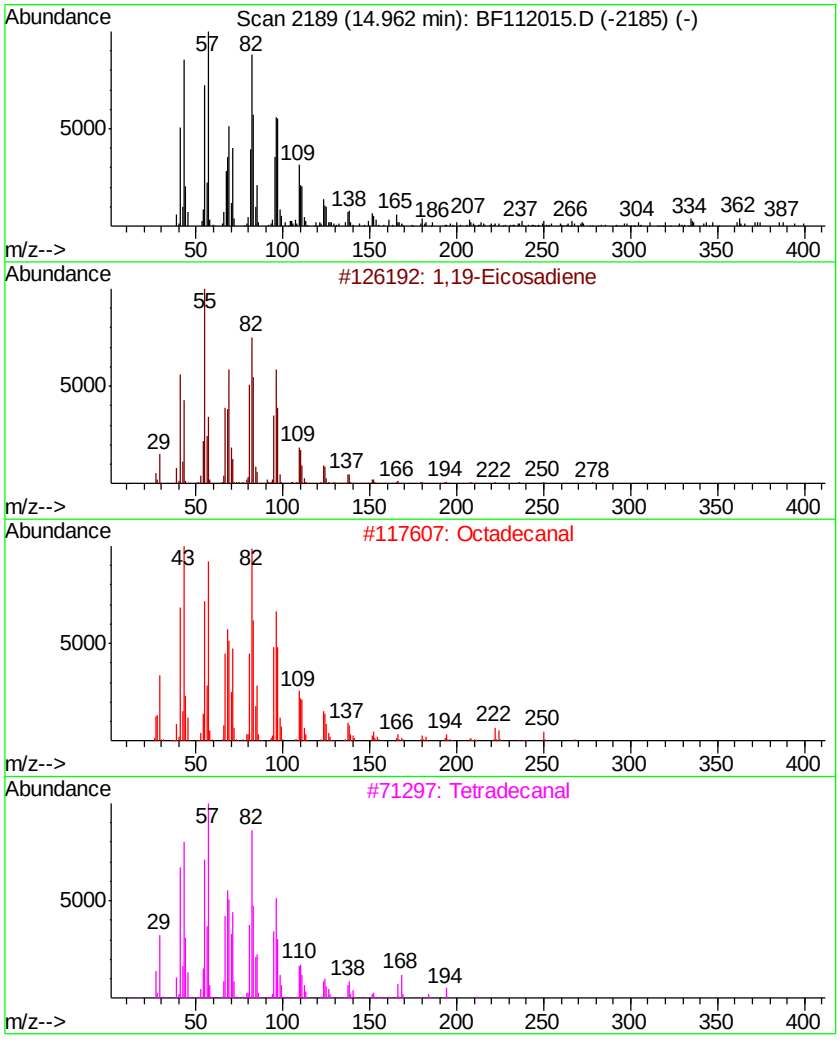
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

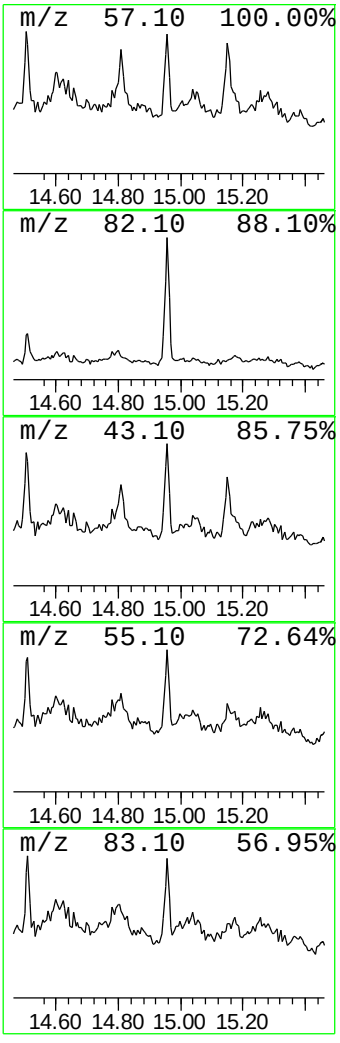
****

Peak Number 13 1,19-Eicosadiene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	10.48 ng	468203	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	93
2	Octadecanal	268	C18H36O	000638-66-4	90
3	Tetradecanal	212	C14H28O	000124-25-4	87
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	80
5	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112015.D
Acq On : 11 Jan 2019 15:13
Operator : JU/SJ
Sample : K1102-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-02(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

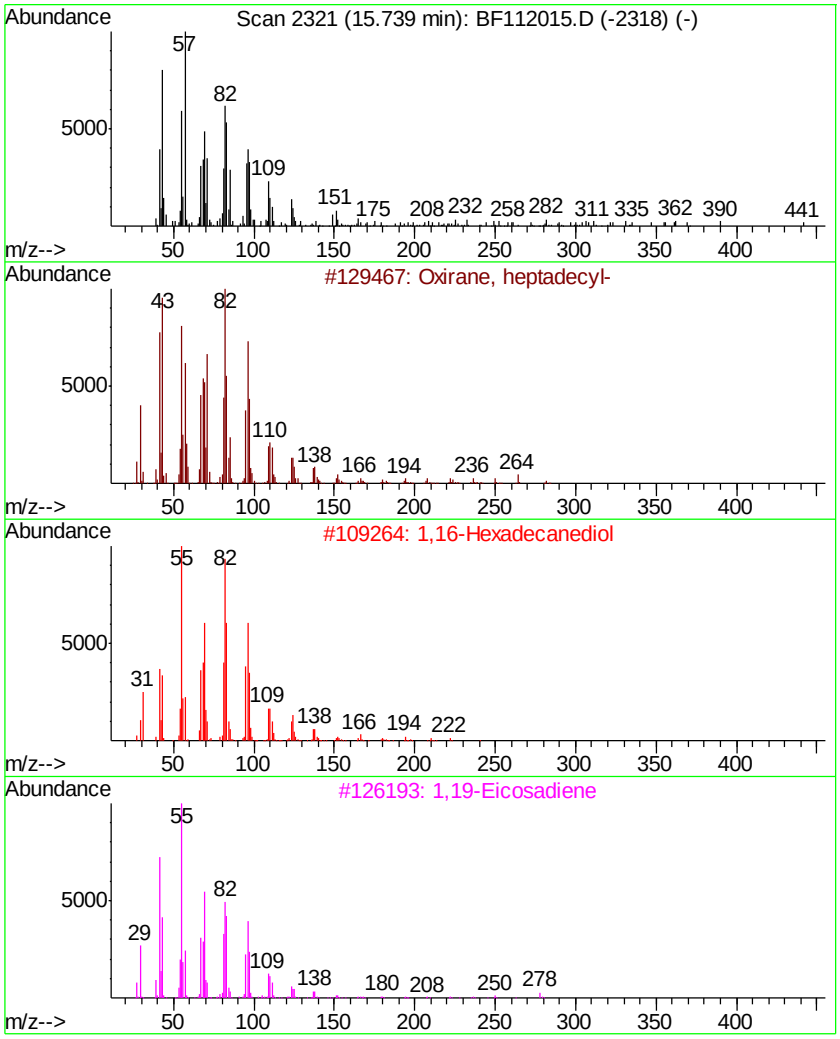
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

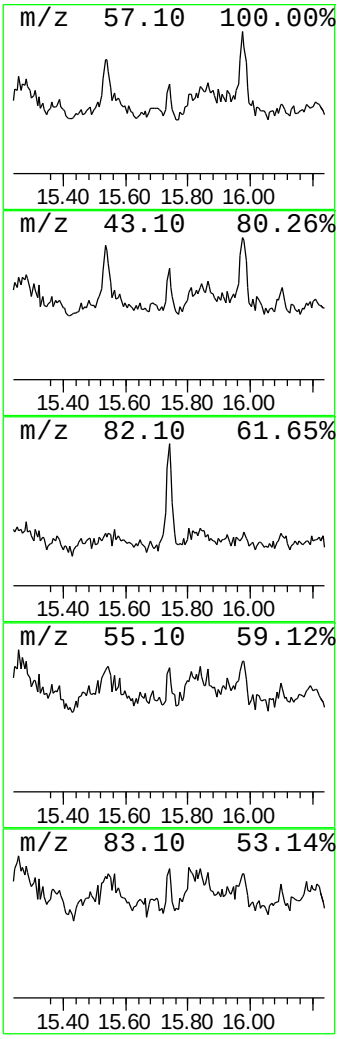
****

Peak Number 14 Oxirane, heptadecyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	4.58 ng	204691	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	76
2	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	74
3	1,19-Eicosadiene	278	C20H38	014811-95-1	72
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	68
5	Tetradecanal	212	C14H28O	000124-25-4	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112015.D
Acq On : 11 Jan 2019 15:13
Operator : JU/SJ
Sample : K1102-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-02(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

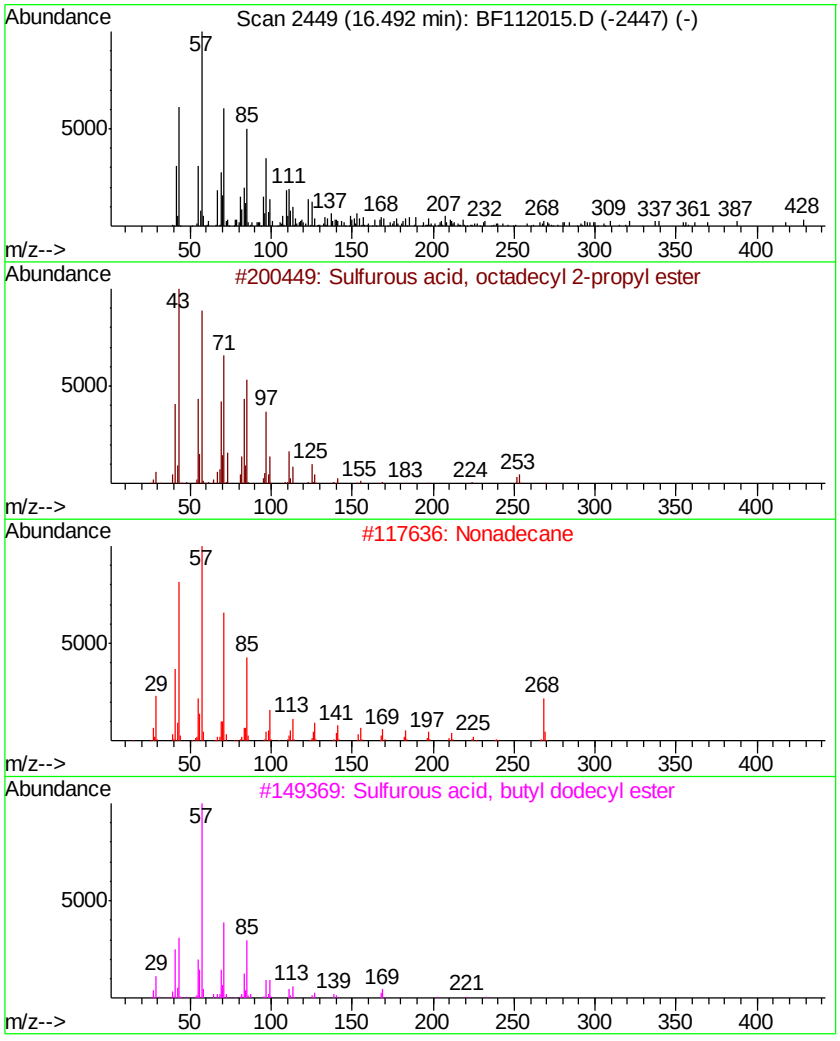
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

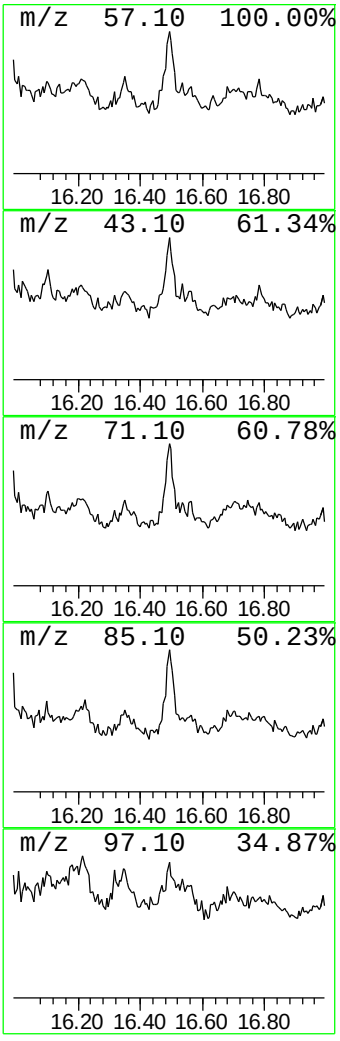
****

Peak Number 15 Sulfurous acid, octadecyl 2... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	5.37 ng	240183	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	72
2	Nonadecane	268	C19H40	000629-92-5	64
3	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	50
4	Dotriacontane	451	C32H66	000544-85-4	49
5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112015.D
Acq On : 11 Jan 2019 15:13
Operator : JU/SJ
Sample : K1102-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-02(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

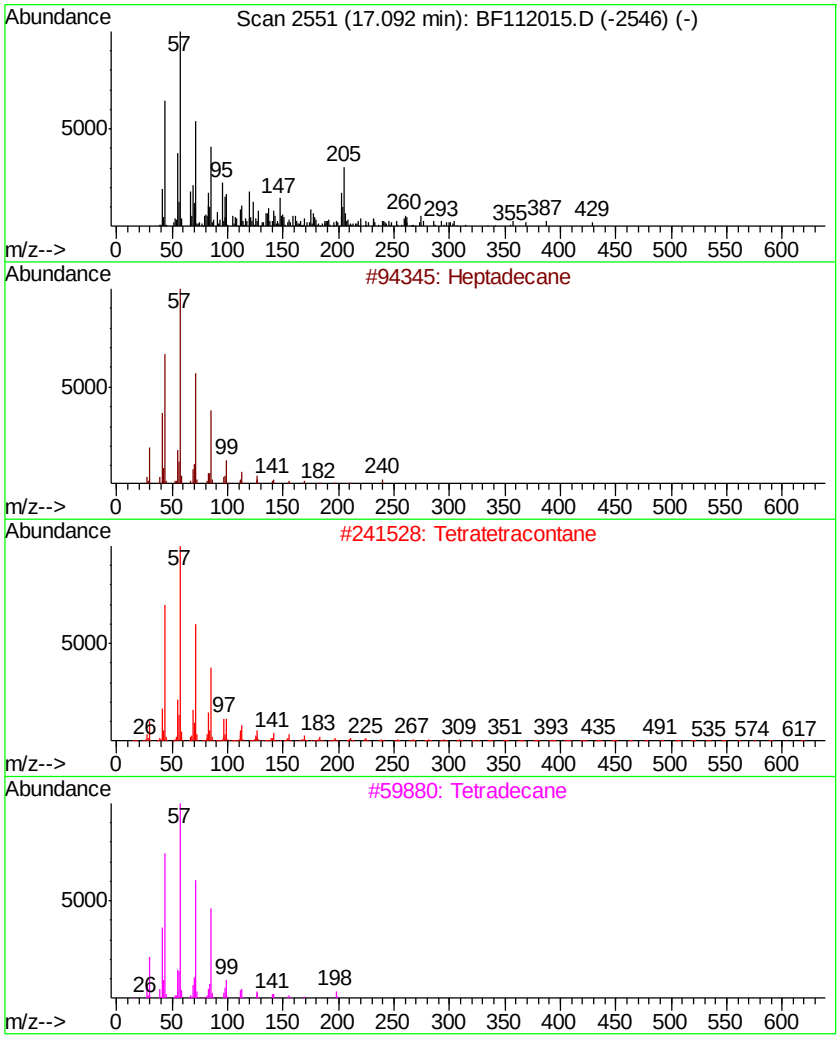
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

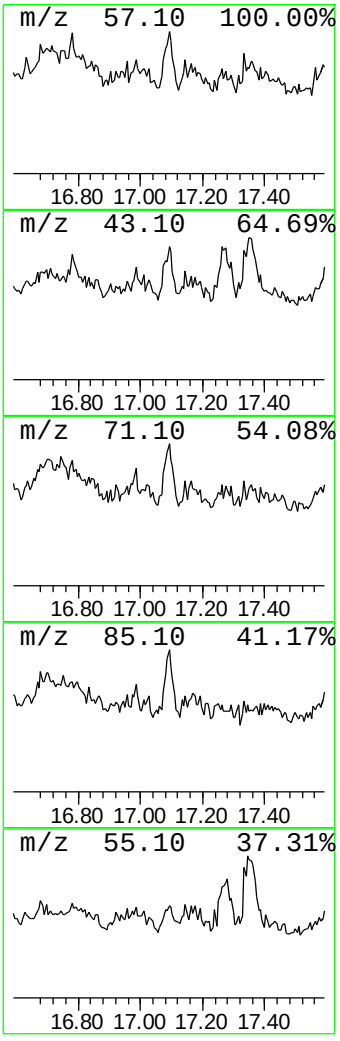
****

Peak Number 16 Heptadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.09	5.37 ng	239911	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Tetratetracontane	619	C44H90	007098-22-8	55
3	Tetradecane	198	C14H30	000629-59-4	55
4	2-methyltetracosane	352	C25H52	1000376-72-6	49
5	Tetracosane	338	C24H50	000646-31-1	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112015.D
Acq On : 11 Jan 2019 15:13
Operator : JU/SJ
Sample : K1102-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-02(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

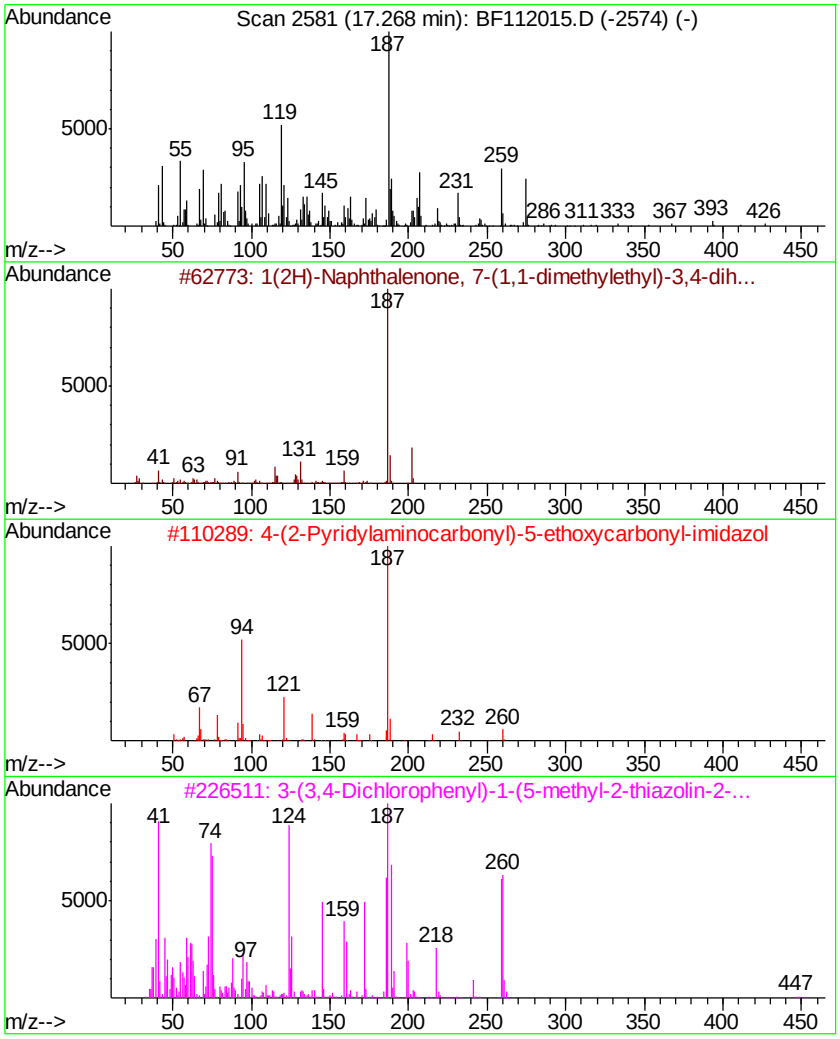
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

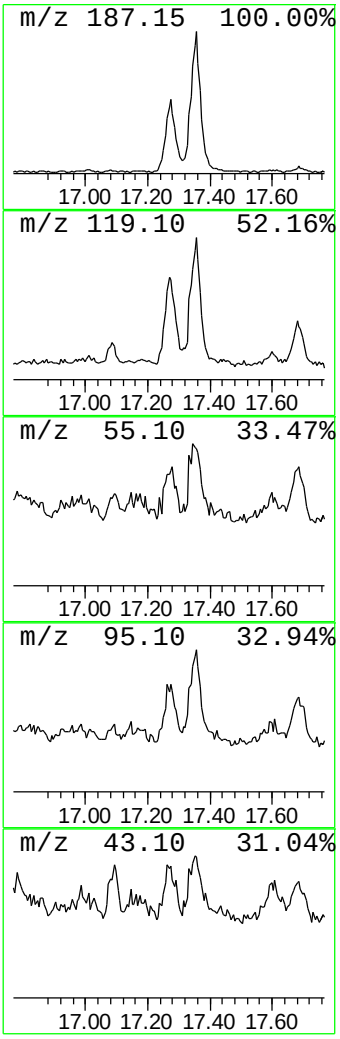
****

Peak Number 17 unknown17.27 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	23.38 ng	1044830	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 7-(1,1-dime...	202	C14H18O	022583-68-2	25
2	4-(2-Pyridylaminocarbonyl)-5-eth...	260	C12H12N4O3	312758-82-0	25
3	3-(3,4-Dichlorophenyl)-1-(5-meth...	447	C18H14Cl2F3N3OS	339352-37-3	25
4	1,3,5-Trisilacyclohexane, 1,1,3,...	202	C8H22Si3	017882-80-3	22
5	Benzene, 1-isocyanato-2-(trifluo...	187	C8H4F3NO	002285-12-3	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112015.D
Acq On : 11 Jan 2019 15:13
Operator : JU/SJ
Sample : K1102-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-02(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

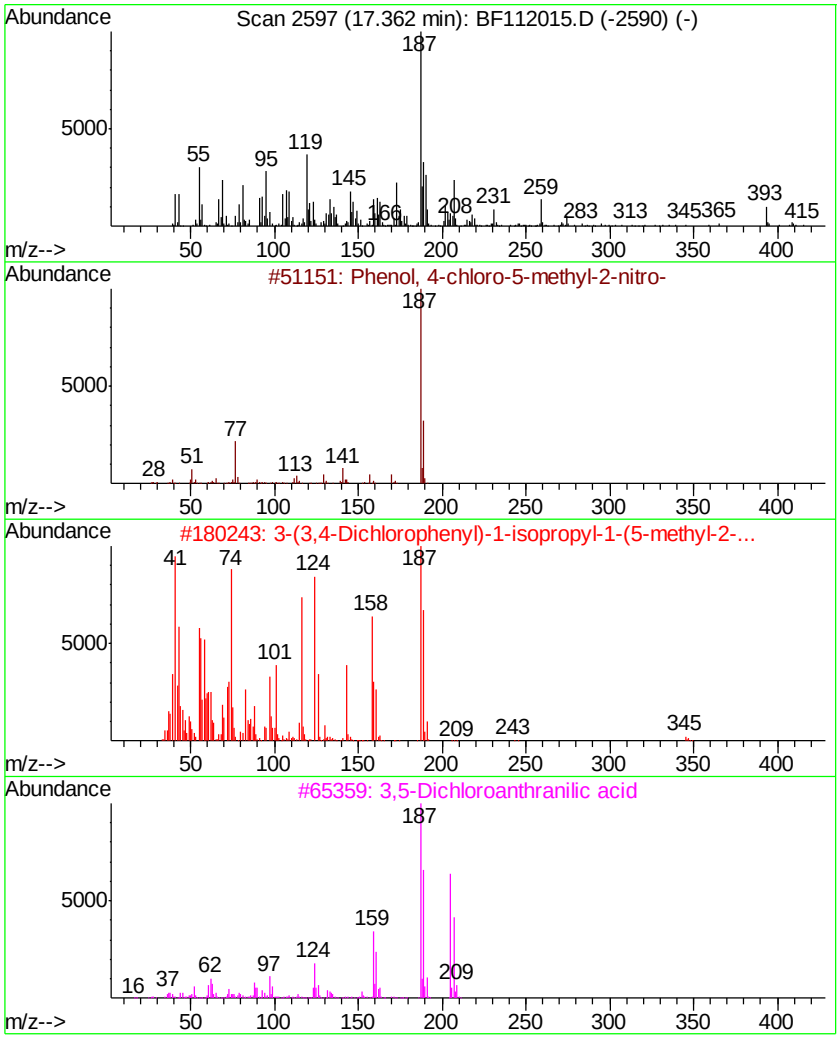
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

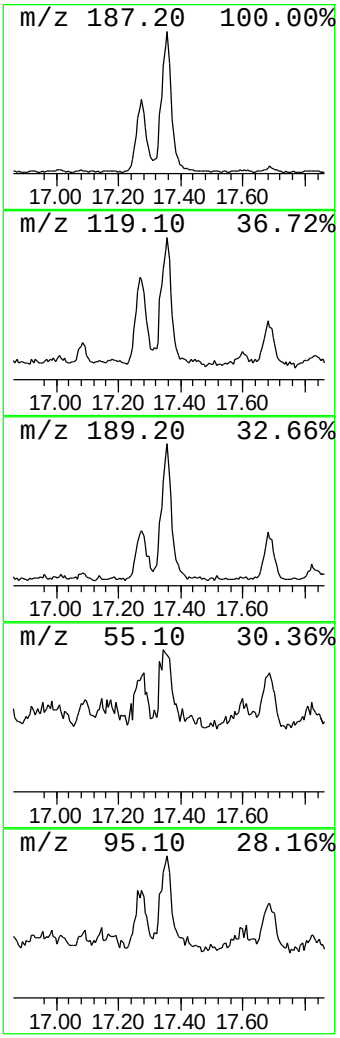
****

Peak Number 18 unknown17.36 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	31.83 ng	1422450	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-chloro-5-methyl-2-nitro-	187	C7H6ClNO3	007147-89-9	38
2	3-(3,4-Dichlorophenyl)-1-isoprop...	345	C14H17Cl2N3OS	299949-65-8	35
3	3,5-Dichloroanthranilic acid	205	C7H5Cl2NO2	002789-92-6	32
4	1,3-Difluoro-5-butyldimethylsily...	244	C12H18F2OSi	1000299-06-0	32
5	Vinyldimethyl(5-chlorothienyl-2)...	202	C8H11ClSSi	180140-41-4	32





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112015.D
Acq On : 11 Jan 2019 15:13
Operator : JU/SJ
Sample : K1102-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-02(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

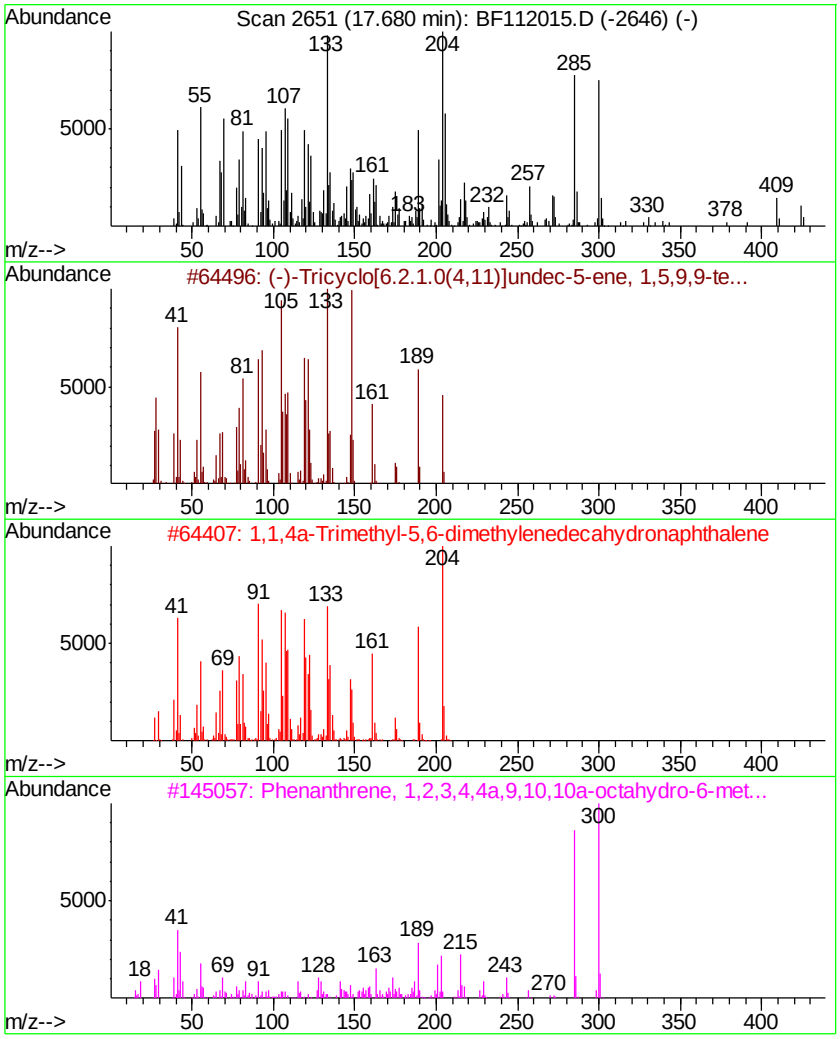
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

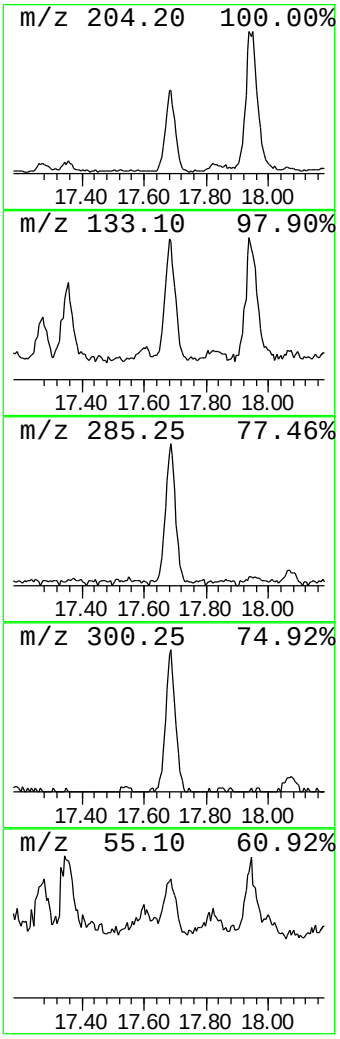
****

Peak Number 19 unknown17.68 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.68	23.44 ng	1047530	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(-)-Tricyclo[6.2.1.0(4,11)]undec...	204	C15H24	1000154-06-7	38
2	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	38
3	Phenanthrene, 1,2,3,4,4a,9,10,10...	300	C21H32O	010064-26-3	35
4	1,3-Benzodioxole, 5-(1-(4-ethoxy...	300	C18H20O4	090632-70-5	35
5	2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112015.D
Acq On : 11 Jan 2019 15:13
Operator : JU/SJ
Sample : K1102-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-02(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

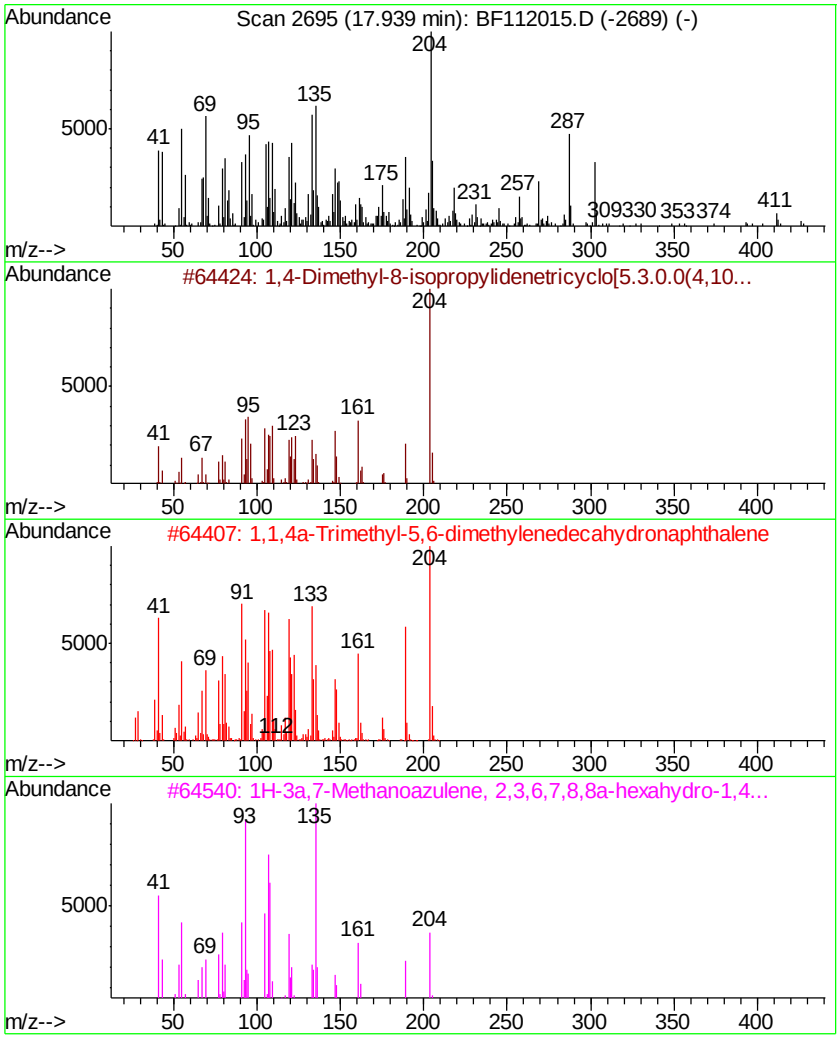
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

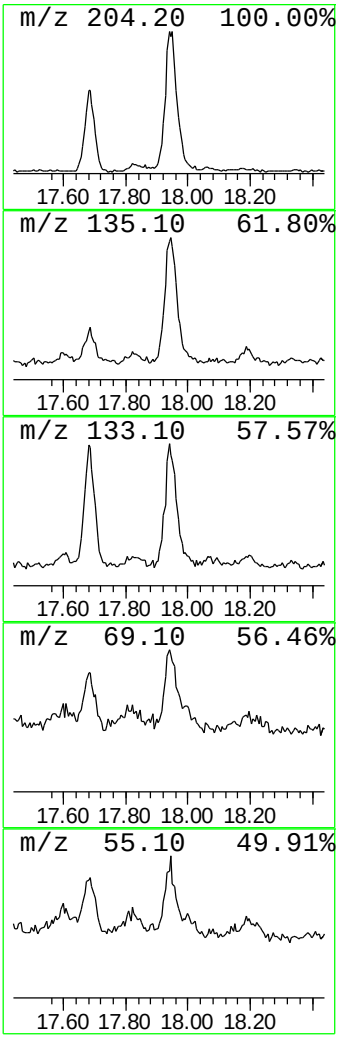
****

Peak Number 20 1,4-Dimethyl-8-isopropylide... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	32.70 ng	1461440	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	60
2	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	47
3	1H-3a,7-Methanoazulene, 2,3,6,7,...	204	C15H24	000560-32-7	45
4	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	45
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011119\
Data File : BF112015.D
Acq On : 11 Jan 2019 15:13
Operator : JU/SJ
Sample : K1102-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-02(20-25)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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
2-Pentanone, 4-hy...	5.09	4.1	ng	115788	1	6.87	560696	20.0
unknown6.65	6.65	70.6	ng	1979240	1	6.87	560696	20.0
Oxirane, hexadecyl-	13.67	25.4	ng	965540	5	14.04	758918	20.0
Tricosyl trifluor...	13.74	3.4	ng	128196	5	14.04	758918	20.0
Octatriacontyl pe...	13.77	4.0	ng	149765	5	14.04	758918	20.0
unknown13.80	13.80	12.2	ng	461072	5	14.04	758918	20.0
5-Eicosene, (E)-	13.87	16.0	ng	605988	5	14.04	758918	20.0
unknown13.96	13.96	4.3	ng	165117	5	14.04	758918	20.0
unknown14.37	14.37	3.3	ng	124701	5	14.04	758918	20.0
1-Tricosene	14.50	8.9	ng	338166	5	14.04	758918	20.0
1,19-Eicosadiene	14.96	10.5	ng	468203	6	15.52	893799	20.0
Oxirane, heptadecyl-	15.74	4.6	ng	204691	6	15.52	893799	20.0
Sulfurous acid, o...	16.49	5.4	ng	240183	6	15.52	893799	20.0
Heptadecane	17.09	5.4	ng	239911	6	15.52	893799	20.0
unknown17.27	17.27	23.4	ng	1044830	6	15.52	893799	20.0
unknown17.36	17.36	31.8	ng	1422450	6	15.52	893799	20.0
unknown17.68	17.68	23.4	ng	1047530	6	15.52	893799	20.0
1,4-Dimethyl-8-is...	17.94	32.7	ng	1461440	6	15.52	893799	20.0