LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
Data File : BF111766.D
Acq On : 27 Dec 2018 16:57
Operator : JU/SJ
Sample : J6446-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS023-0006-01

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-BF121918.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	2.234	19	25	32	rVB	44120	72870	2.57%	0.314%
2	5.134	513	518	524	rBV	134903	170139	6.00%	0.732%
3	5.557	585	590	593	rBV	2691671	2685992	94.79%	11.558%
4	6.198	695	699	705	rVB	158562	136183	4.81%	0.586%
5	6.557	755	760	768	rBV	2830037	2833730	100.00%	12.194%
6	6.687	778	782	785	rBV	3314431	2763512	97.52%	11.891%
7	6.910	816	820	823	rBV	865458	679480	23.98%	2.924%
8	7.069	842	847	850	rVB	2259116	2011505	70.98%	8.656%
9	7.463	909	914	918	rBV	1786416	1736477	61.28%	7.472%
10	8.192	1034	1038	1041	rBV	950696	757069	26.72%	3.258%
11	9.263	1216	1220	1223	rBV	2679442	2098902	74.07%	9.032%
12	9.651	1283	1286	1290	rBV	252555	187301	6.61%	0.806%
13	9.945	1333	1336	1340	rVB	940830	775369	27.36%	3.336%
14	10.733	1466	1470	1474	rBV	1616577	1486234	52.45%	6.395%
15	11.145	1534	1540	1547	rBV	56598	94541	3.34%	0.407%
16	11.433	1585	1589	1592	rBV	976792	766475	27.05%	3.298%
17	11.651	1623	1626	1629	rBV5	23002	35734	1.26%	0.154%
18	11.951	1675	1677	1681	rVB3	38758	34939	1.23%	0.150%
19	13.016	1854	1858	1861	rVB	2326819	1891491	66.75%	8.139%
20	13.392	1920	1922	1926	rBV3	95257	101271	3.57%	0.436%
21	14.074	2035	2038	2041	rVB	812350	661428	23.34%	2.846%
22	14.545	2115	2118	2121	rBV2	376122	462761	16.33%	1.991%
23	15.204	2228	2230	2236	rVB	364166	370860	13.09%	1.596%
24	15.568	2289	2292	2295	rBV	340471	425254	15.01%	1.830%

Sum of corrected areas: 23239517

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
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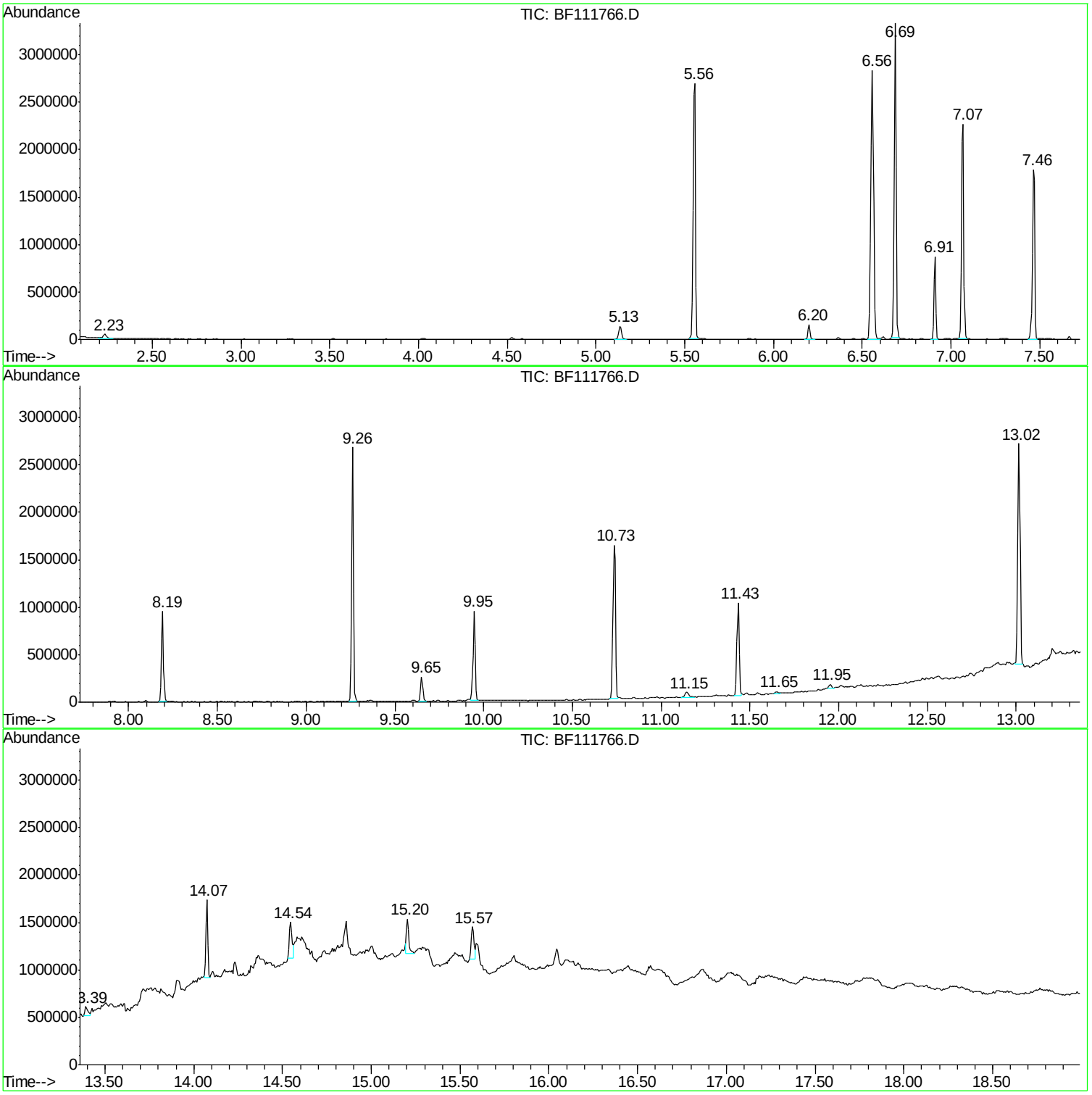
Acq On : 27 Dec 2018 16:57
Operator : JU/SJ
Sample : J6446-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS023-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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\BF122718\
Data File : BF111766.D
Acq On : 27 Dec 2018 16:57
Operator : JU/SJ
Sample : J6446-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS023-0006-01

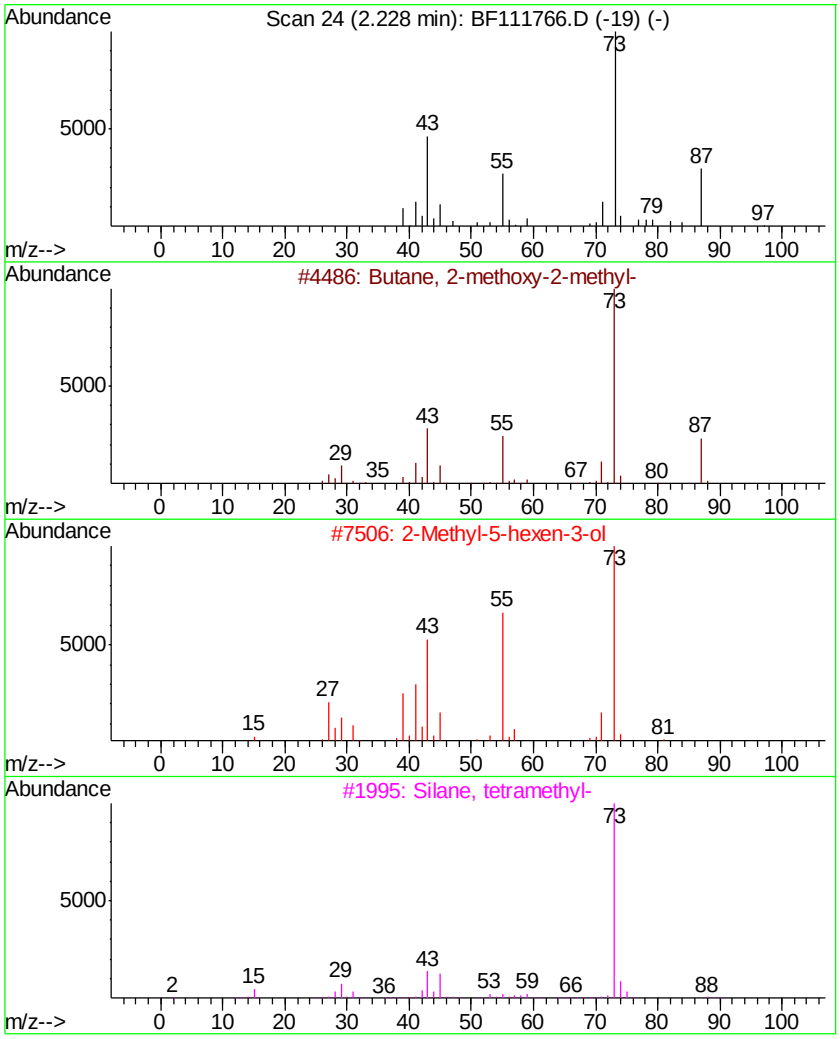
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

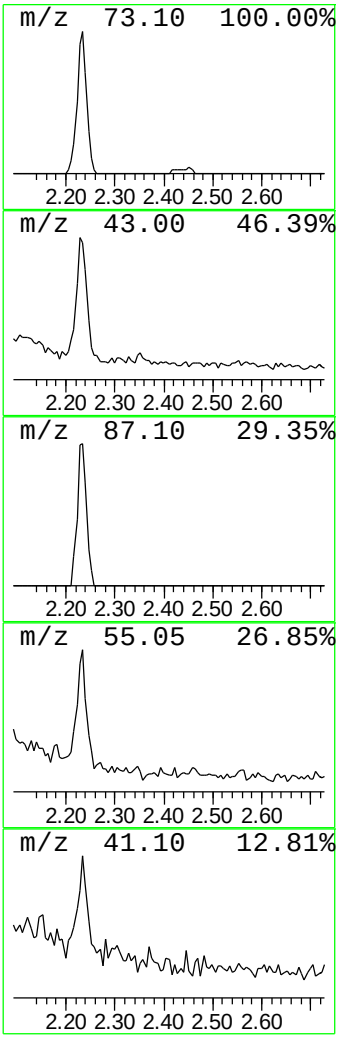
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.23	2.14 ng	72870	1,4-Dichlorobenzene-d4	6.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	38
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9





Library Search Compound Report

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Data File : BF111766.D
Acq On : 27 Dec 2018 16:57
Operator : JU/SJ
Sample : J6446-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS023-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

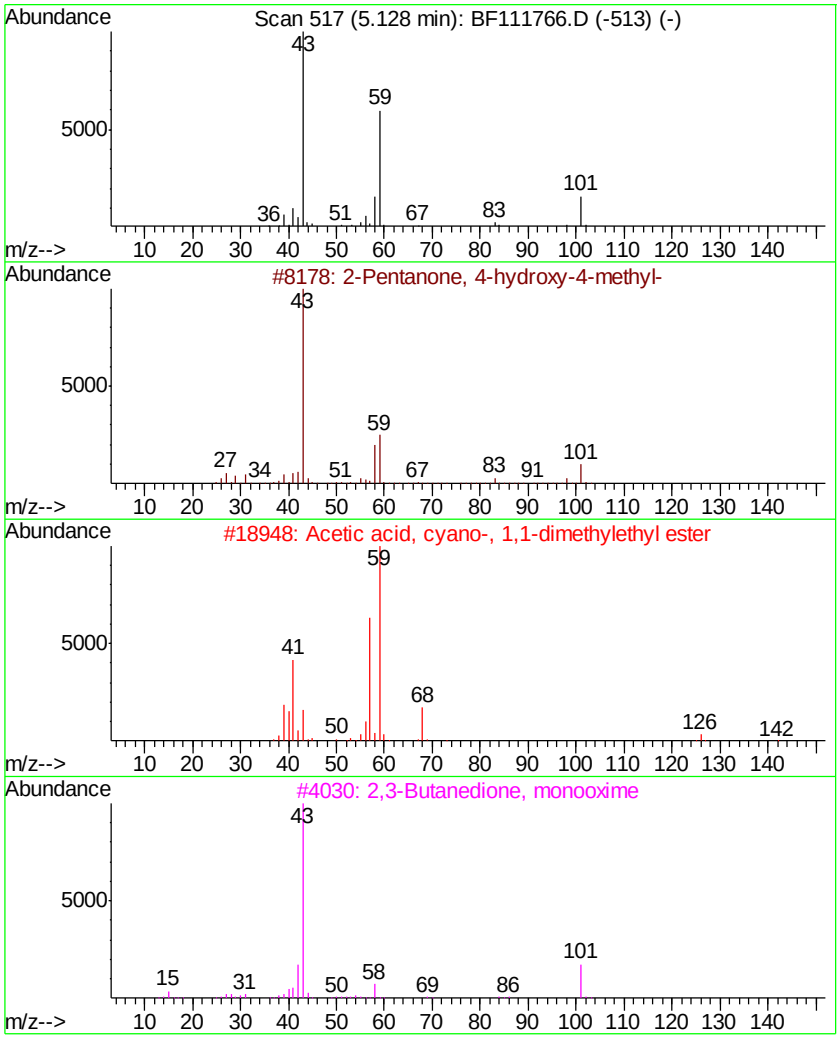
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

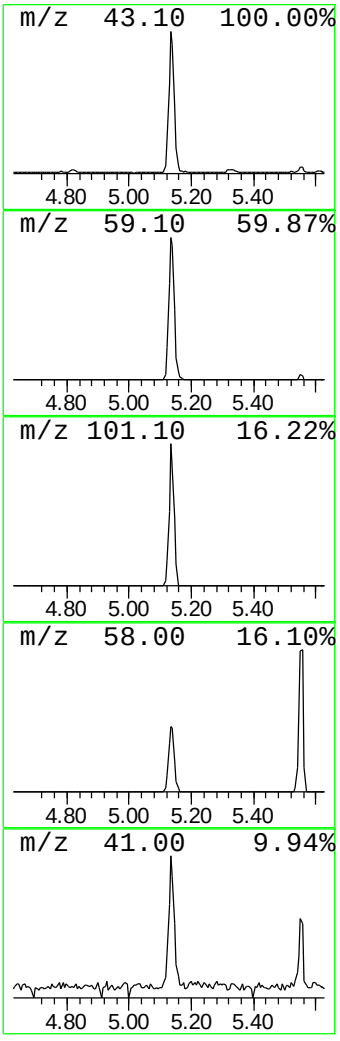
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	5.01 ng	170139	1,4-Dichlorobenzene-d4	6.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Butane	58	C4H10	000106-97-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
Data File : BF111766.D
Acq On : 27 Dec 2018 16:57
Operator : JU/SJ
Sample : J6446-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS023-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

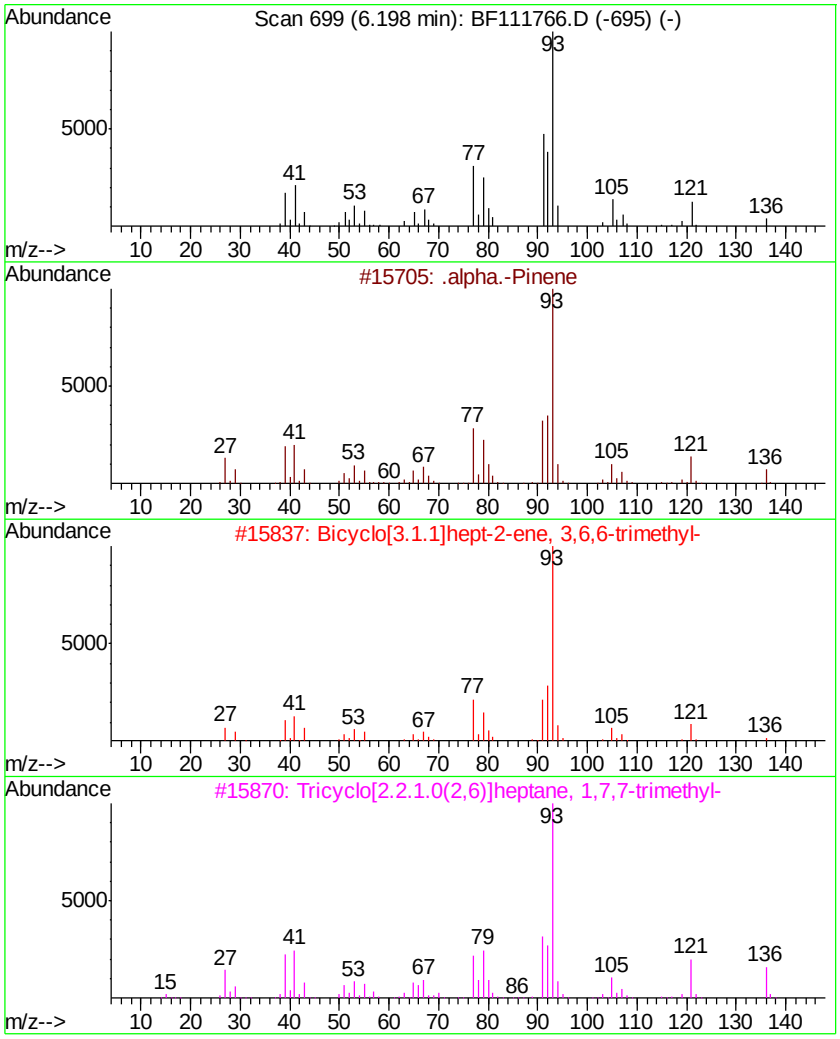
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

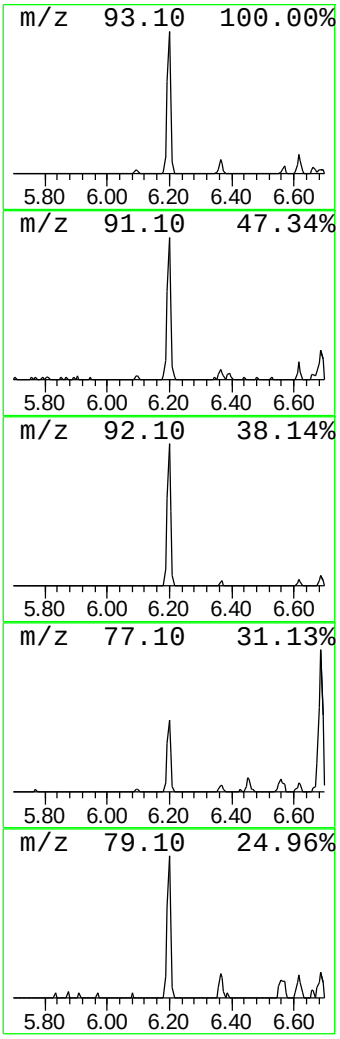
****

Peak Number 3 .alpha.-Pinene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	4.01 ng	136183	1,4-Dichlorobenzene-d4	6.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	95
2	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
3	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
4	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	91
5	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
Data File : BF111766.D
Acq On : 27 Dec 2018 16:57
Operator : JU/SJ
Sample : J6446-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS023-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

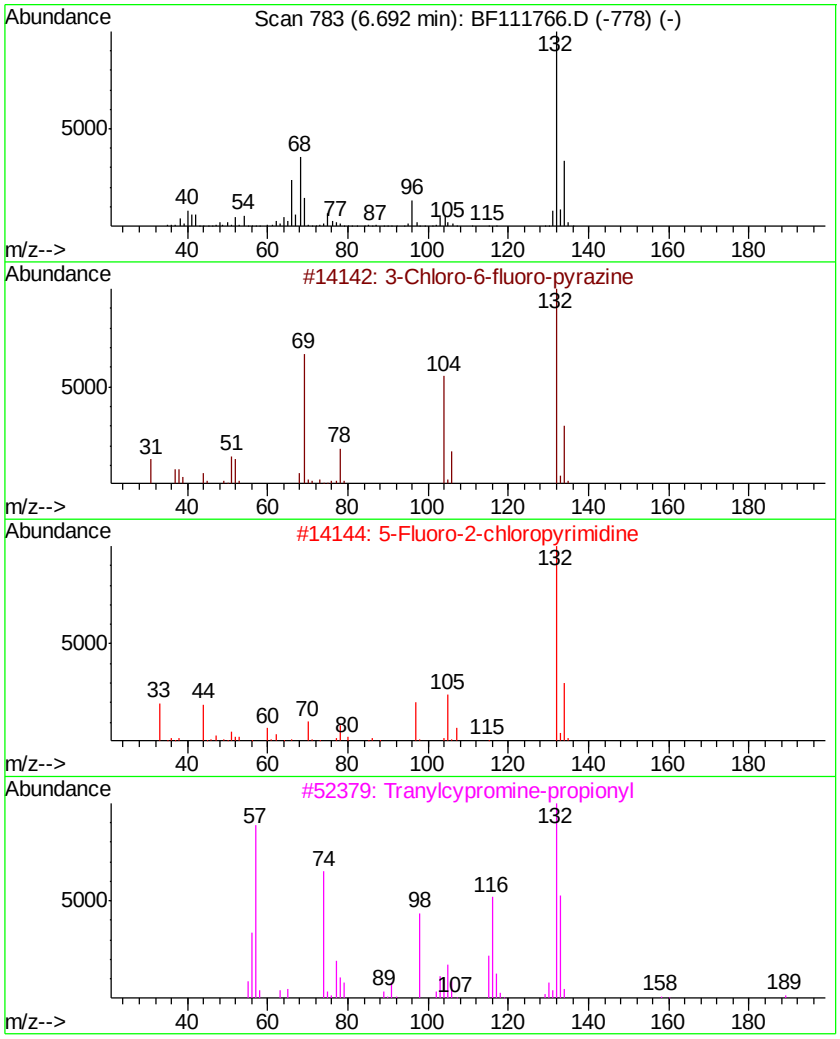
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

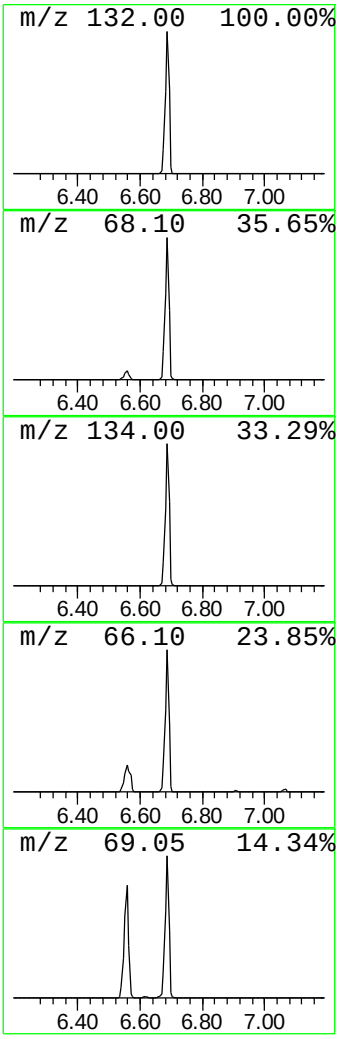
****

Peak Number 4 unknown6.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	81.34 ng	2763510	1,4-Dichlorobenzene-d4	6.91

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
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Operator : JU/SJ
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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS023-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
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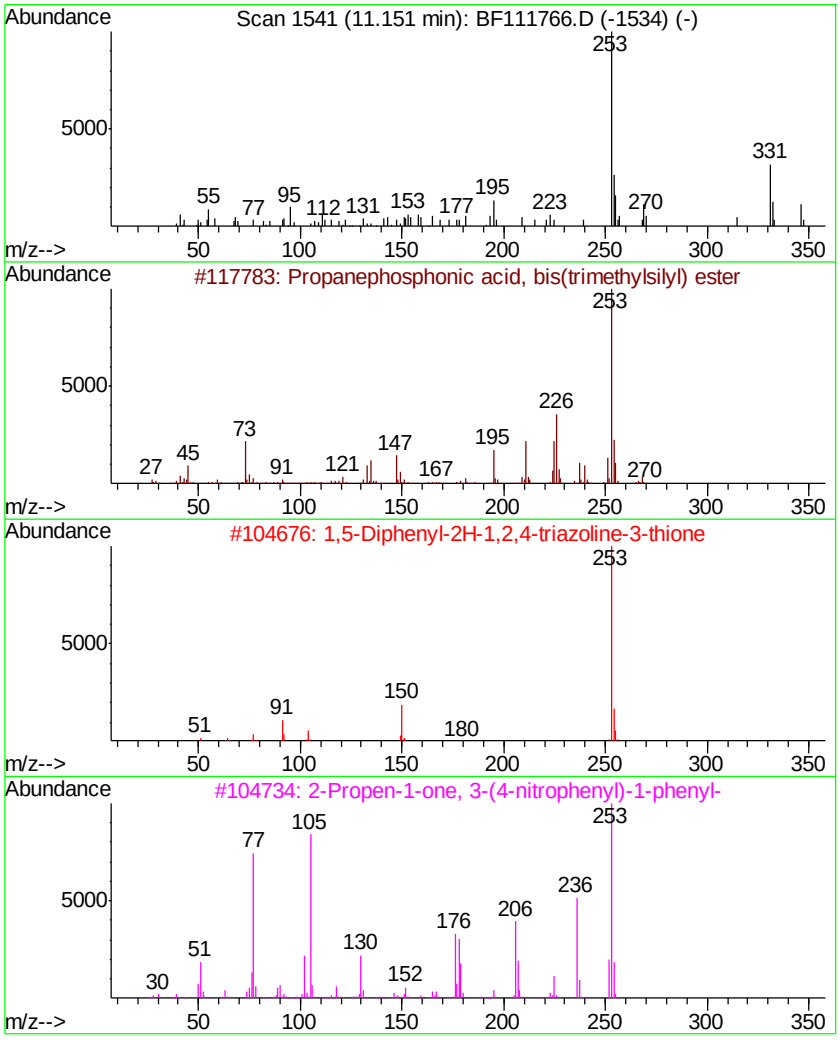
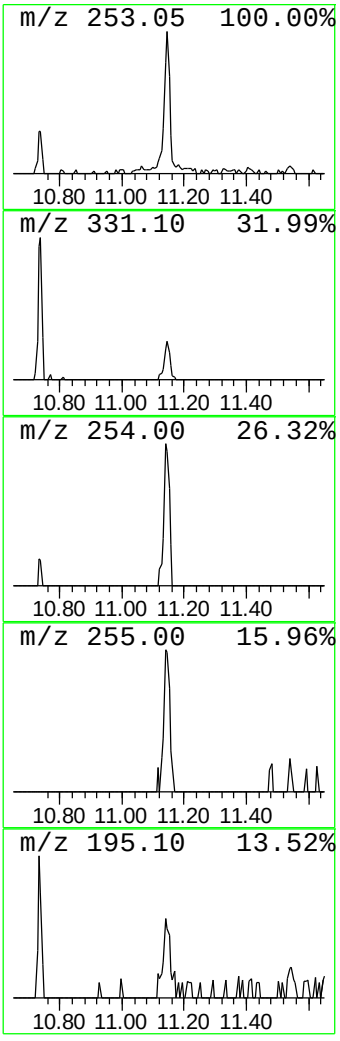
****

Peak Number 6 unknown11.15 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	2.47 ng	94541	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanephosphonic acid, bis(trim...	268	C9H25O3PSi2	1000193-07-4	47
2	1,5-Diphenyl-2H-1,2,4-triazoline...	253	C14H11N3S	005055-74-3	47
3	2-Propen-1-one, 3-(4-nitrophenyl...	253	C15H11NO3	001222-98-6	43
4	Succinic acid, 2-methylphenyl 2-...	360	C23H20O4	1000357-54-3	37
5	Triamterene	253	C12H11N7	000396-01-0	37





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
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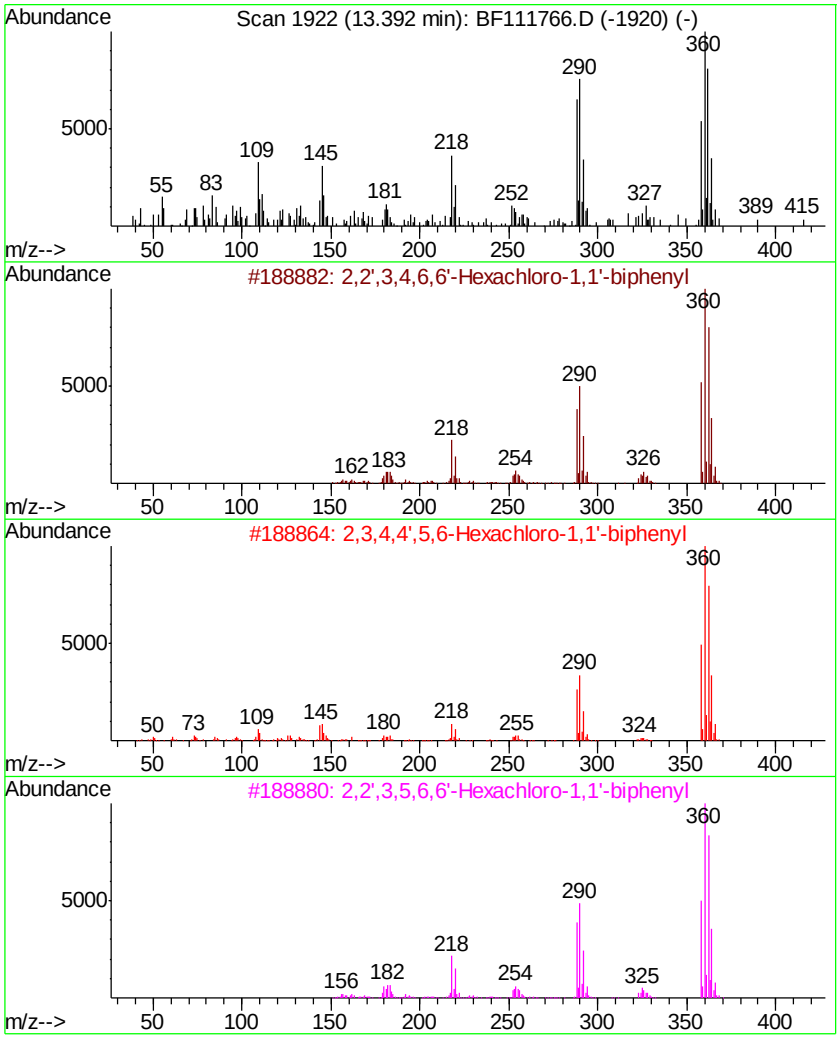
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

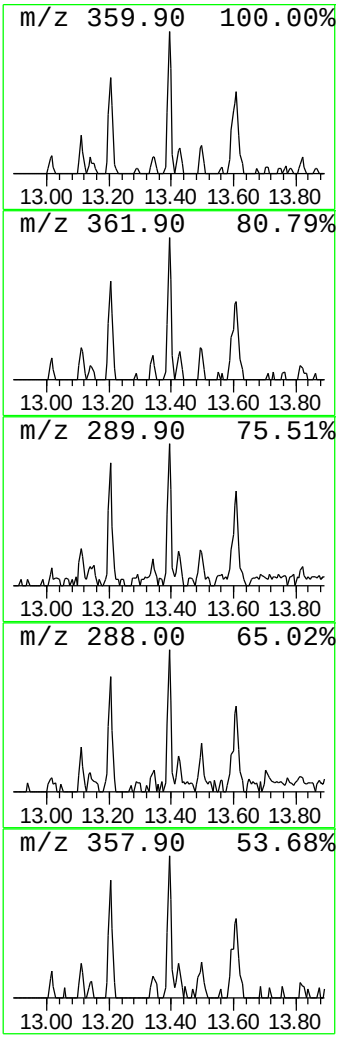
****

Peak Number 7 2,2',3,4,6,6'-Hexachloro-1,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	3.06 ng	101271	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-40-5	99
2	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
3	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99
4	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99
5	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99





Library Search Compound Report

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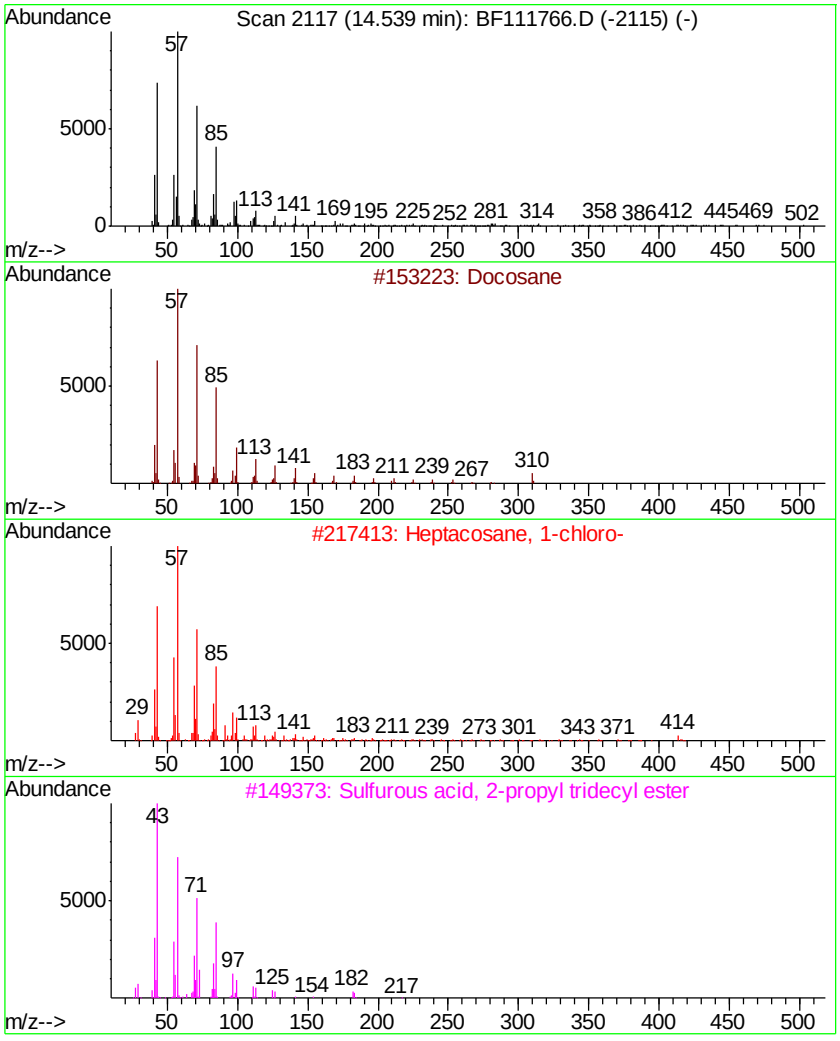
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

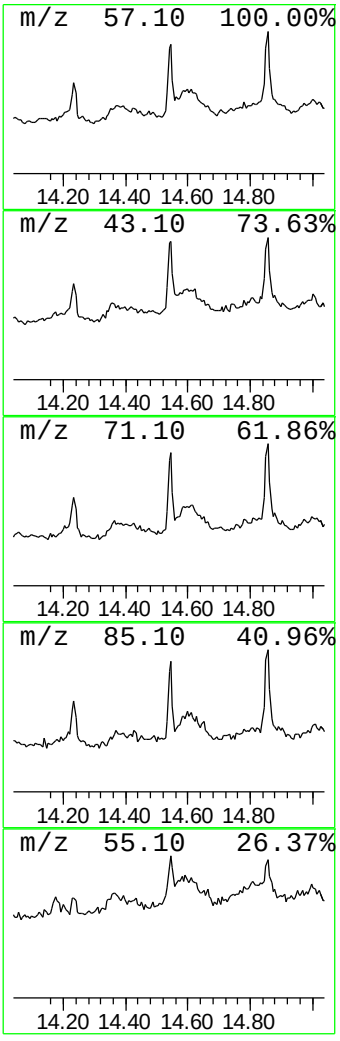
****

Peak Number 8 Docosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	13.99 ng	462761	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	95
2	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	87
3	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	87
4	Tritetracontane	605	C43H88	007098-21-7	83
5	Eicosane	282	C20H42	000112-95-8	76





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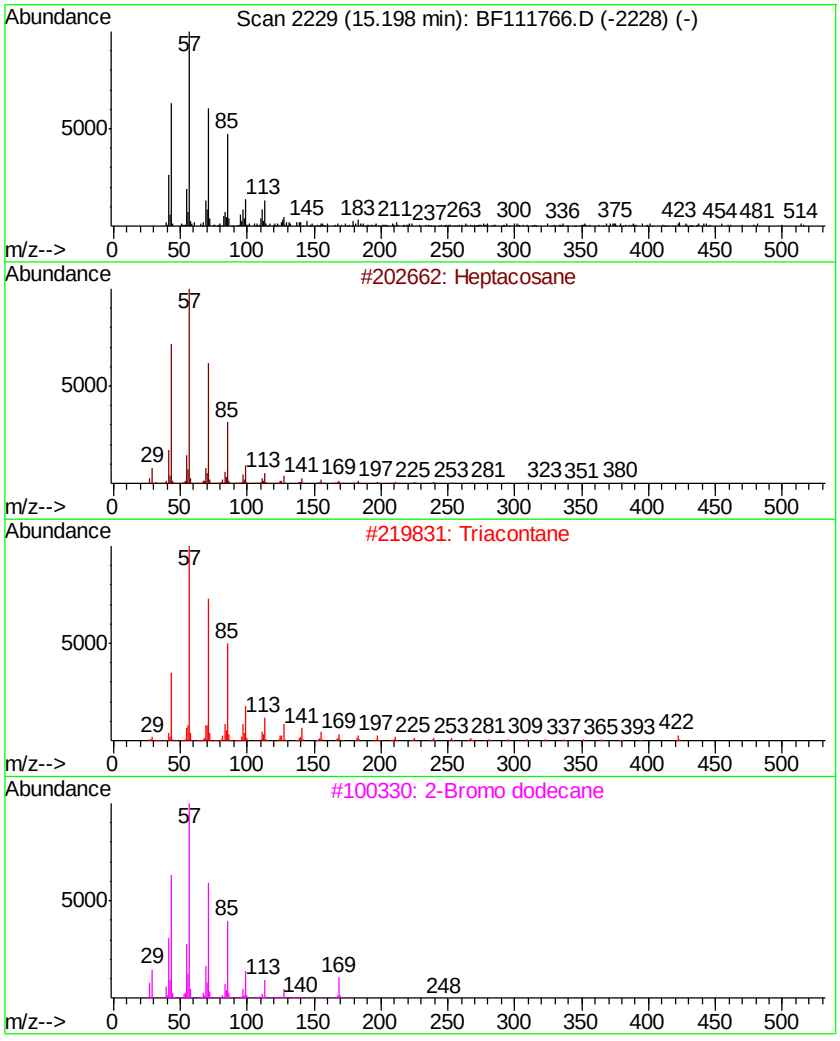
TIC Integration Parameters: LSCINT.P

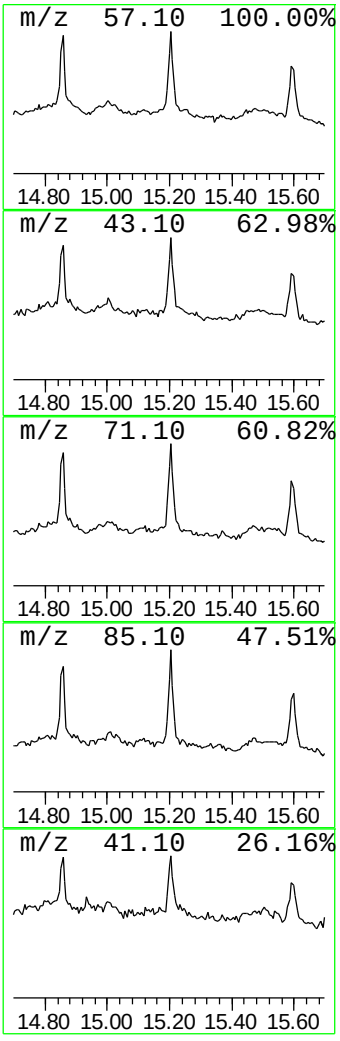
****

Peak Number 9 Heptacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	17.44 ng	370860	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	94
2	Triacontane	422	C30H62	000638-68-6	93
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
5	Docosane	310	C22H46	000629-97-0	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122718\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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...	2.23	2.1	ng	72870	1	6.91	679480	20.0
2-Pentanone, 4-hy...	5.13	5.0	ng	170139	1	6.91	679480	20.0
.alpha.-Pinene	6.20	4.0	ng	136183	1	6.91	679480	20.0
unknown6.69	6.69	81.3	ng	2763510	1	6.91	679480	20.0
unknown11.15	11.15	2.5	ng	94541	4	11.43	766475	20.0
2,2',3,4,6,6'-Hex...	13.39	3.1	ng	101271	5	14.07	661428	20.0
Docosane	14.54	14.0	ng	462761	5	14.07	661428	20.0
Heptacosane	15.20	17.4	ng	370860	6	15.57	425254	20.0