LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121318\
Data File : BF111390.D
Acq On : 14 Dec 2018 00:37
Operator : JU/SJ
Sample : J6210-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-1-112918

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-BF121218.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	3.257	197	199	215	rBV	64041	146133	2.73%	0.299%
2	3.598	251	257	263	rBV	38187	60484	1.13%	0.124%
3	4.510	405	412	418	rVB	489949	543289	10.13%	1.111%
4	5.004	492	496	504	rVB	242809	293909	5.48%	0.601%
5	5.428	563	568	571	rBV	4813133	4448436	82.97%	9.094%
6	6.445	735	741	755	rBV	4510016	5205776	97.09%	10.642%
7	6.569	758	762	765	rBV	5295247	4781308	89.17%	9.775%
8	6.792	796	800	809	rBV	1908639	1506844	28.10%	3.081%
9	6.951	823	827	830	rBV	4584919	3812402	71.10%	7.794%
10	7.351	890	895	907	rBV	3030899	3122688	58.24%	6.384%
11	8.075	1014	1018	1037	rBV	2646515	2253896	42.04%	4.608%
12	9.151	1197	1201	1205	rBV	5994554	5361754	100.00%	10.961%
13	9.545	1264	1268	1278	rBV	1177745	916493	17.09%	1.874%
14	9.827	1313	1316	1320	rBV	2241083	2001317	37.33%	4.091%
15	10.616	1446	1450	1462	rBV	2647530	2370300	44.21%	4.846%
16	11.310	1565	1568	1571	rBV	1738883	1620919	30.23%	3.314%
17	11.333	1571	1572	1576	rVB	293873	189480	3.53%	0.387%
18	11.845	1656	1659	1669	rBV2	973767	1117338	20.84%	2.284%
19	11.921	1669	1672	1675	rVV	72936	76504	1.43%	0.156%
20	12.410	1750	1755	1759	rVB5	37276	69082	1.29%	0.141%
21	12.521	1771	1774	1778	rBV	569007	492996	9.19%	1.008%
22	12.633	1789	1793	1798	rBV2	465192	520009	9.70%	1.063%
23	12.751	1807	1813	1816	rBV	550154	542776	10.12%	1.110%
24	12.898	1834	1838	1841	rBV	3934731	3423940	63.86%	7.000%
25	13.080	1866	1869	1872	rVB	71683	74473	1.39%	0.152%
26	13.798	1988	1991	1998	rVB2	368316	423524	7.90%	0.866%
27	13.945	2012	2016	2019	rBV2	1354167	1540526	28.73%	3.149%
28	13.974	2019	2021	2026	rVB	303228	267653	4.99%	0.547%
29	14.804	2159	2162	2168	rVB2	123613	145142	2.71%	0.297%
30	14.968	2187	2190	2193	rBV	237805	319994	5.97%	0.654%
31	15.262	2237	2240	2246	rVB	150485	187505	3.50%	0.383%
32	15.321	2247	2250	2255	rVB	178827	191357	3.57%	0.391%
33	15.386	2257	2261	2265	rBV	757436	886779	16.54%	1.813%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121318\
Data File : BF111390.D
Acq On : 14 Dec 2018 00:37
Operator : JU/SJ
Sample : J6210-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C-1-112918

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-BF121218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 48915026

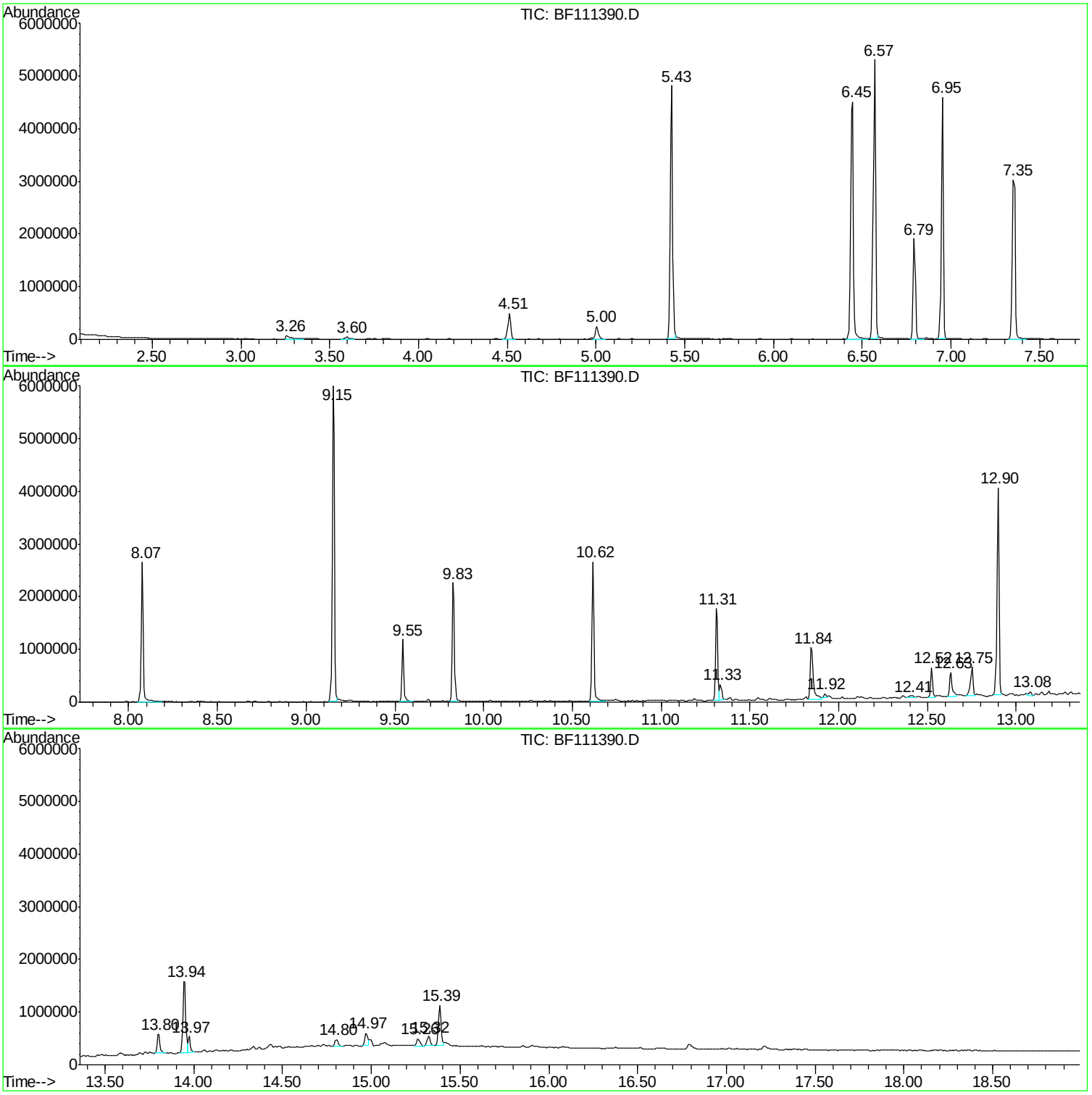
LSC Report - Integrated Chromatogram

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121318\
Data File : BF111390.D
Acq On : 14 Dec 2018 00:37
Operator : JU/SJ
Sample : J6210-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-1-112918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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\BF121318\
Data File : BF111390.D
Acq On : 14 Dec 2018 00:37
Operator : JU/SJ
Sample : J6210-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-1-112918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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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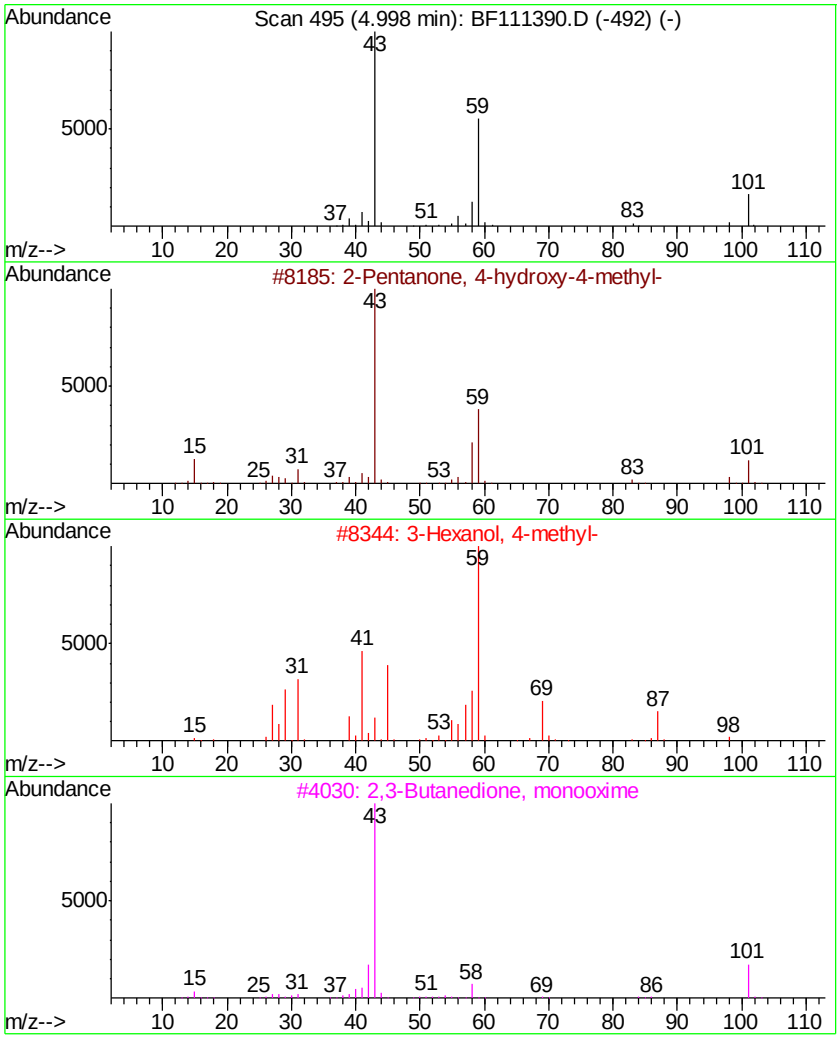
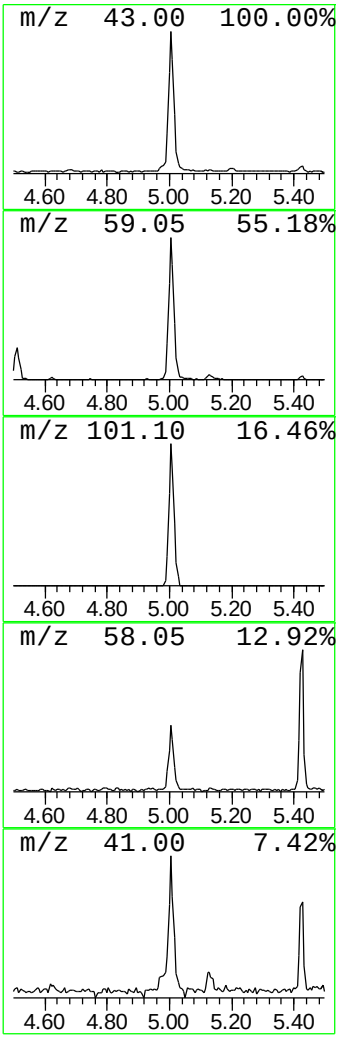
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	3.90 ng	293909	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
4	Guanidine	59	CH5N3	000113-00-8	9
5	Ethanol, pentamethyl-	116	C7H16O	000594-83-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121318\
Data File : BF111390.D
Acq On : 14 Dec 2018 00:37
Operator : JU/SJ
Sample : J6210-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-1-112918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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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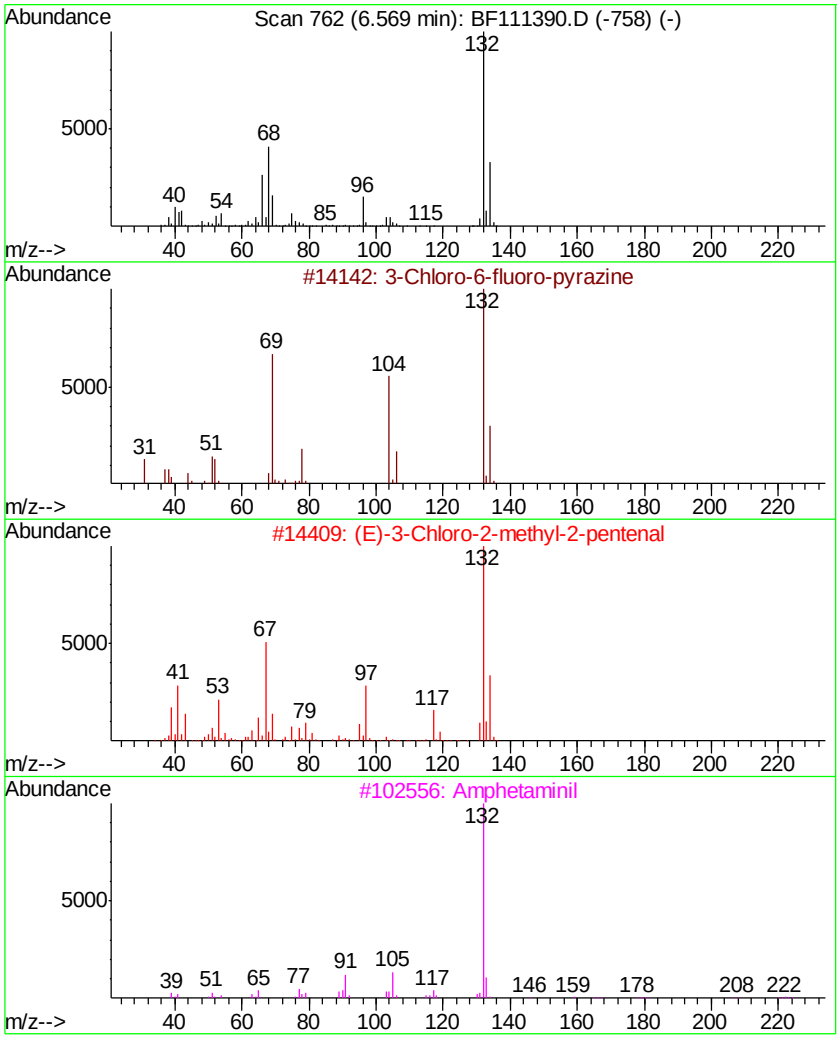
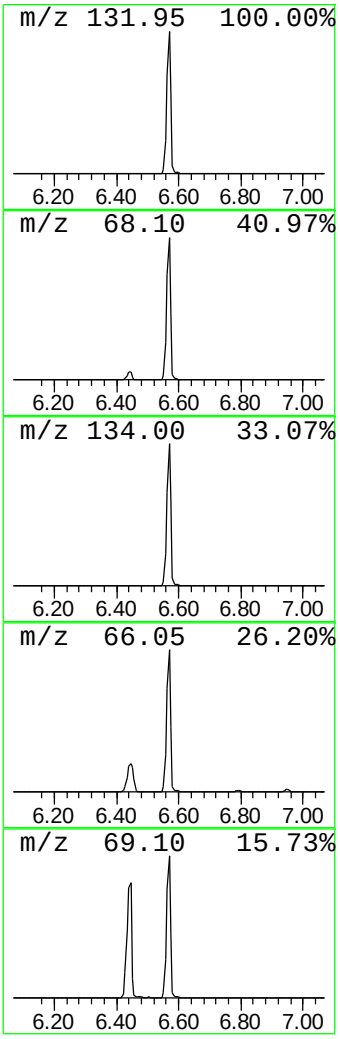
Peak Number 3 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	63.46 ng	4781310	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	5-Aminoindole	132	C8H8N2	005192-03-0	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121318\
Data File : BF111390.D
Acq On : 14 Dec 2018 00:37
Operator : JU/SJ
Sample : J6210-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-1-112918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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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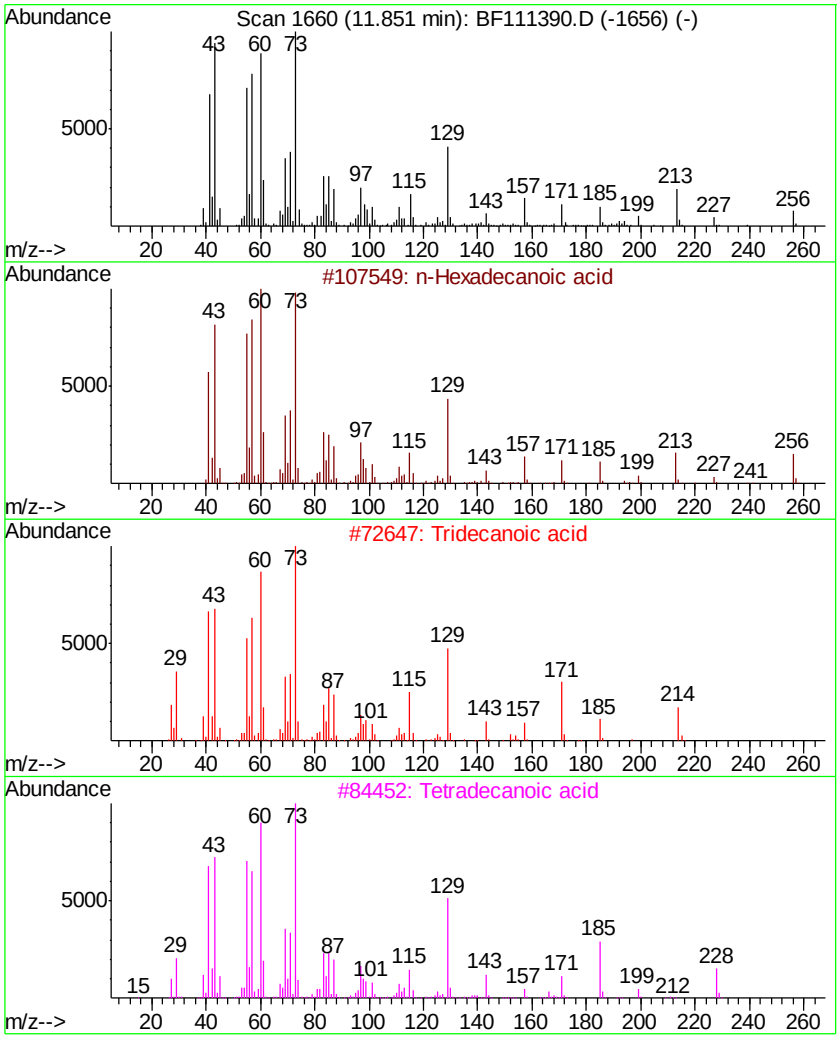
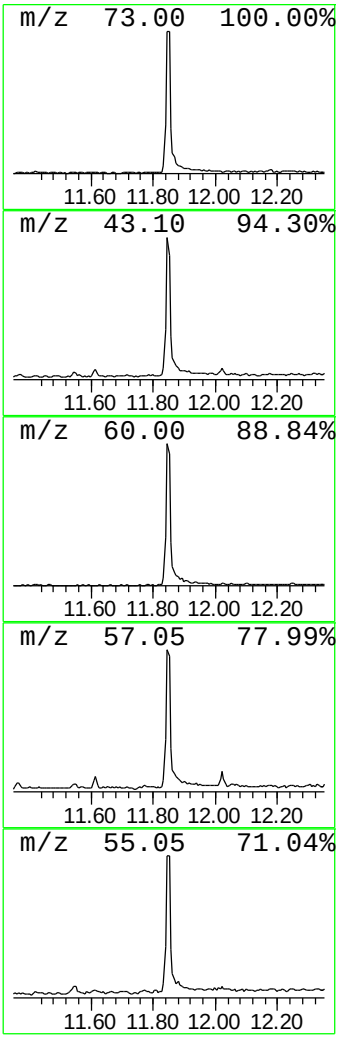
Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	13.79 ng	1117340	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	25





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121318\
Data File : BF111390.D
Acq On : 14 Dec 2018 00:37
Operator : JU/SJ
Sample : J6210-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-1-112918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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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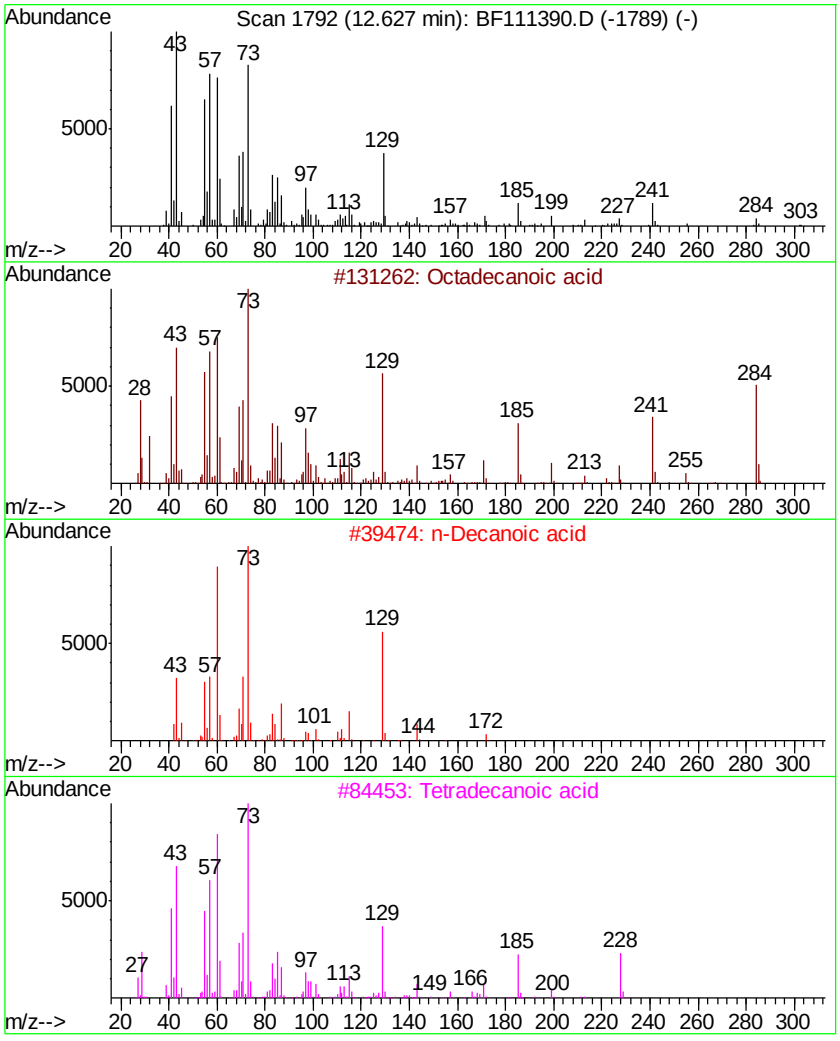
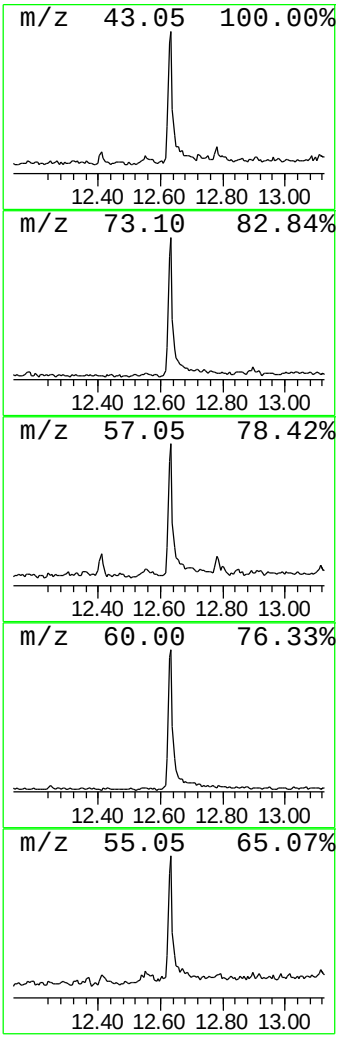
Peak Number 6 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	6.75 ng	520009	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Decanoic acid	172	C10H20O2	000334-48-5	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	59
5	Undecanoic acid	186	C11H22O2	000112-37-8	55





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121318\
Data File : BF111390.D
Acq On : 14 Dec 2018 00:37
Operator : JU/SJ
Sample : J6210-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-1-112918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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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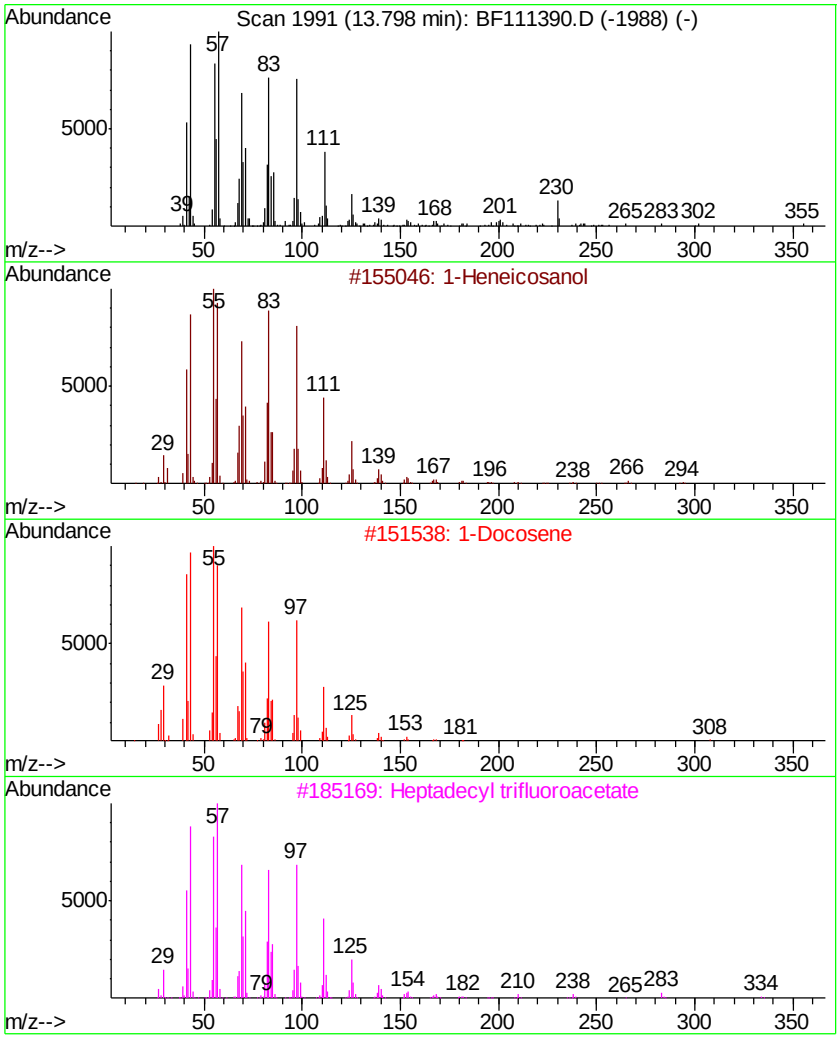
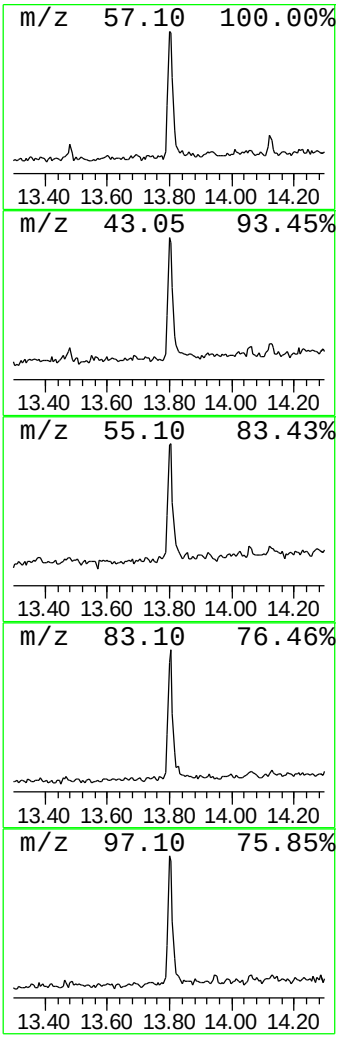
Peak Number 7 1-Heneicosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	5.50 ng	423524	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	91
2	1-Docosene	308	C22H44	001599-67-3	91
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	90
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	87
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121318\
Data File : BF111390.D
Acq On : 14 Dec 2018 00:37
Operator : JU/SJ
Sample : J6210-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-1-112918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

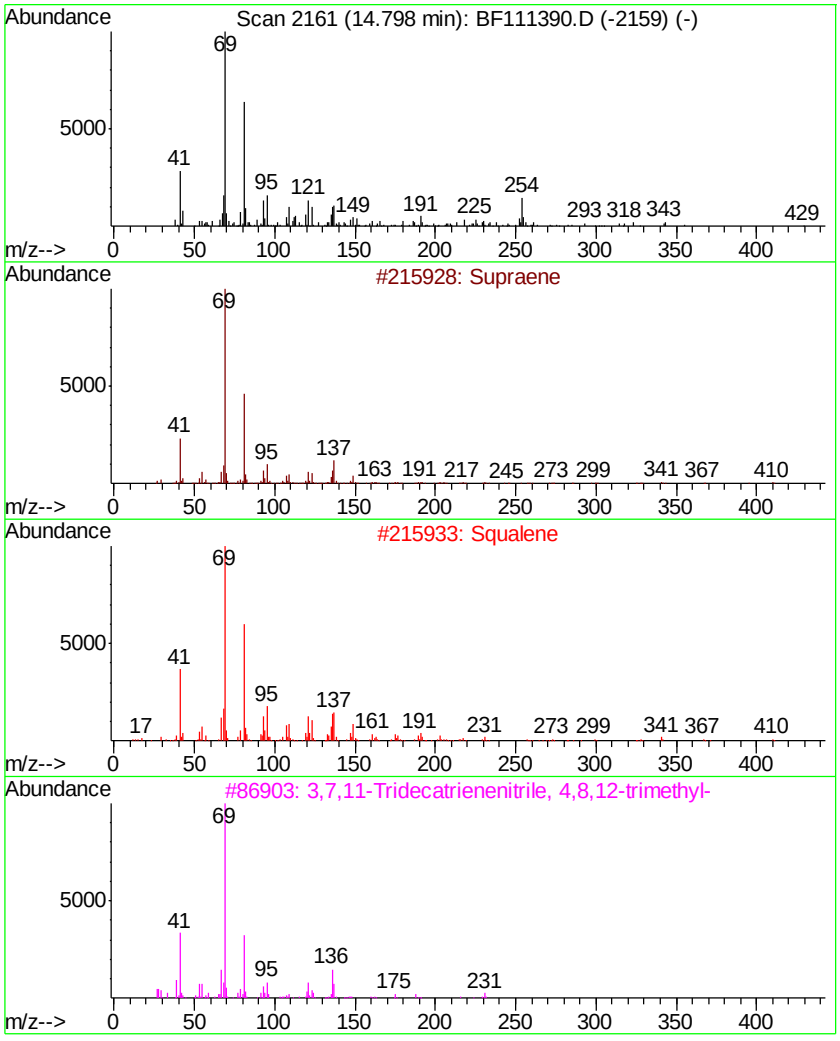
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

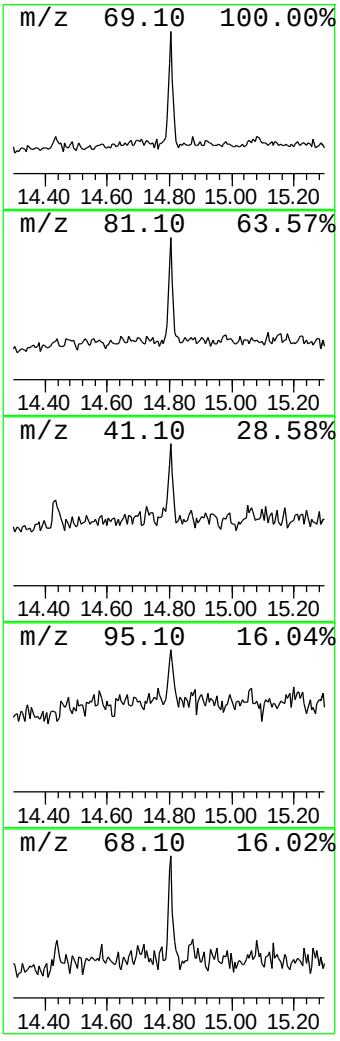
****

Peak Number 8 Supraene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	3.27 ng	145142	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	72
2	Squalene	410	C30H50	000111-02-4	64
3	3,7,11-Tridecatrienenitrile, 4,8...	231	C16H25N	006006-01-5	59
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	59
5	Hexadeca-2,6,10,14-tetraen-1-ol,...	290	C20H34O	007614-21-3	56





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121318\
Data File : BF111390.D
Acq On : 14 Dec 2018 00:37
Operator : JU/SJ
Sample : J6210-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-1-112918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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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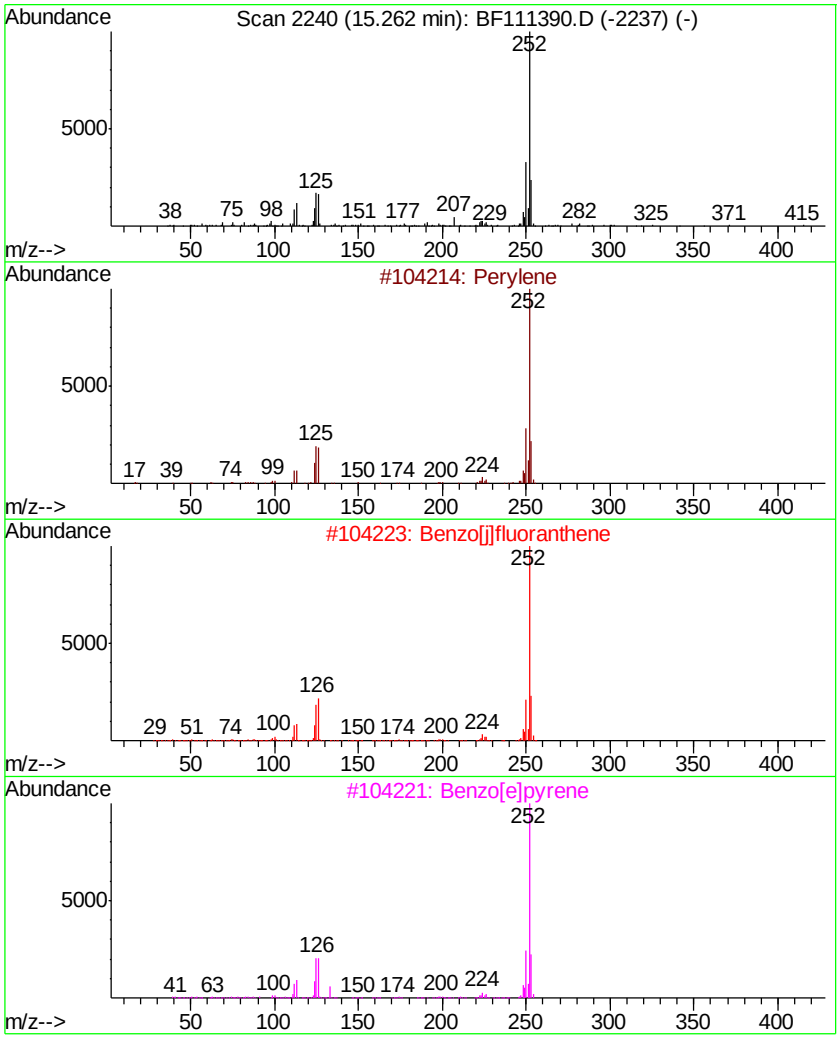
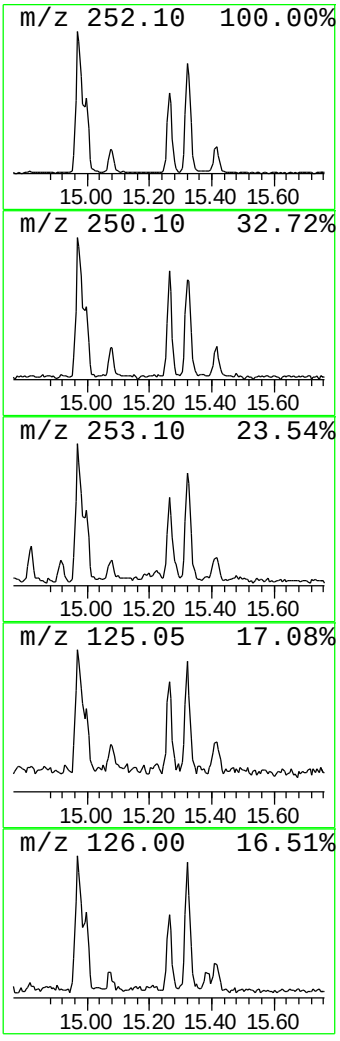
Peak Number 9 Perylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	4.23 ng	187505	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	93
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
3	Benzo[e]pyrene	252	C20H12	000192-97-2	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121318\
Data File : BF111390.D
Acq On : 14 Dec 2018 00:37
Operator : JU/SJ
Sample : J6210-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-1-112918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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...	5.00	3.9	ng	293909	1	6.79	1506840	20.0
unknown6.57	6.57	63.5	ng	4781310	1	6.79	1506840	20.0
n-Hexadecanoic acid	11.85	13.8	ng	1117340	4	11.31	1620920	20.0
Octadecanoic acid	12.63	6.8	ng	520009	5	13.95	1540530	20.0
1-Heneicosanol	13.80	5.5	ng	423524	5	13.95	1540530	20.0
Supraene	14.80	3.3	ng	145142	6	15.39	886779	20.0
Perylene	15.26	4.2	ng	187505	6	15.39	886779	20.0