LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111391.D
Acq On : 14 Dec 2018 1:05
Operator : JU/SJ
Sample : J6208-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

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	3.263	198	200	207	rBV2	30570	66313	1.22%	0.124%
2	5.004	493	496	509	rVB	244696	320254	5.89%	0.596%
3	5.428	563	568	571	rBV	5219686	4827360	88.77%	8.991%
4	6.445	735	741	757	rBV	4841253	5438219	100.00%	10.129%
5	6.569	757	762	765	rBV	5686929	5255049	96.63%	9.788%
6	6.792	796	800	808	rBV	2240840	1796782	33.04%	3.347%
7	6.951	823	827	830	rBV	5118787	4327383	79.57%	8.060%
8	7.357	890	896	899	rBV	3790638	3710350	68.23%	6.911%
9	8.075	1014	1018	1024	rBV	2791171	2391580	43.98%	4.454%
10	9.151	1197	1201	1204	rBV	5816506	5031453	92.52%	9.371%
11	9.545	1265	1268	1272	rBV	387297	321944	5.92%	0.600%
12	9.828	1313	1316	1320	rBV	2460196	2265759	41.66%	4.220%
13	10.616	1446	1450	1462	rBV	2970358	2756384	50.69%	5.134%
14	11.310	1564	1568	1571	rBV	2066642	1957305	35.99%	3.646%
15	11.333	1571	1572	1576	rVV	675583	466806	8.58%	0.869%
16	11.386	1576	1581	1585	rVB	158238	163207	3.00%	0.304%
17	11.545	1602	1608	1610	rBV2	50588	63386	1.17%	0.118%
18	11.816	1650	1654	1656	rBV	122687	114695	2.11%	0.214%
19	11.845	1656	1659	1663	rVV2	878729	834940	15.35%	1.555%
20	11.886	1664	1666	1669	rVV2	104451	114342	2.10%	0.213%
21	11.921	1669	1672	1675	rVV2	193519	243478	4.48%	0.453%
22	11.945	1675	1676	1682	rVB	112590	94158	1.73%	0.175%
23	12.110	1701	1704	1706	rBV	79889	78261	1.44%	0.146%
24	12.257	1724	1729	1732	rBV3	48835	68288	1.26%	0.127%
25	12.363	1744	1747	1750	rBV	115785	120063	2.21%	0.224%
26	12.445	1759	1761	1767	rVB3	69679	87222	1.60%	0.162%
27	12.521	1771	1774	1778	rBV	977681	843539	15.51%	1.571%
28	12.627	1789	1792	1798	rBV3	214543	285097	5.24%	0.531%
29	12.751	1807	1813	1817	rBV	900302	939834	17.28%	1.750%
30	12.804	1819	1822	1828	rVB3	56828	76334	1.40%	0.142%
31	12.898	1834	1838	1841	rBV	3674403	3195541	58.76%	5.952%
32	12.968	1846	1850	1853	rBV2	78766	116744	2.15%	0.217%
33	13.080	1866	1869	1872	rVB	125513	124969	2.30%	0.233%
34	13.180	1883	1886	1889	rBV	106233	108675	2.00%	0.202%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111391.D
Acq On : 14 Dec 2018 1:05
Operator : JU/SJ
Sample : J6208-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

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

35	13.304	1905	1907	1911	rBV	56917	61193	1.13%	0.114%
36	13.586	1952	1955	1959	rVB	69467	81409	1.50%	0.152%
37	13.692	1970	1973	1976	rBV2	69035	104215	1.92%	0.194%
38	13.804	1988	1992	1997	rBV2	505007	575956	10.59%	1.073%
39	13.945	2011	2016	2019	rBV2	1593201	1944221	35.75%	3.621%
40	13.974	2019	2021	2027	rVB	398153	352531	6.48%	0.657%
41	14.333	2080	2082	2085	rBV	85144	62844	1.16%	0.117%
42	14.974	2187	2191	2194	rBV	256804	397253	7.30%	0.740%
43	15.262	2238	2240	2246	rVB	160055	189937	3.49%	0.354%
44	15.321	2247	2250	2254	rVB	208143	230550	4.24%	0.429%
45	15.386	2257	2261	2265	rBV	908947	1084109	19.94%	2.019%

Sum of corrected areas: 53689932

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
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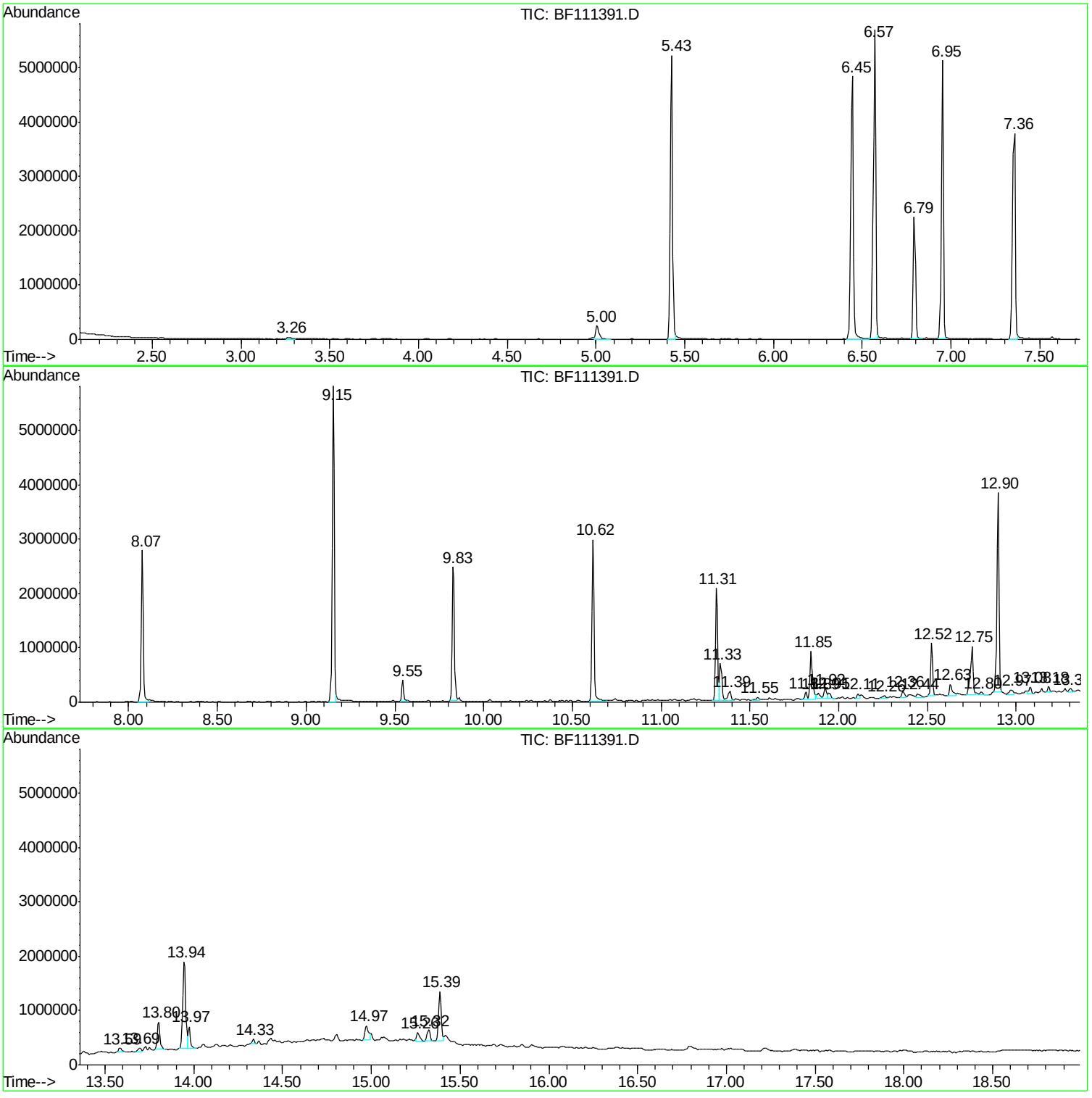
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

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 : BF111391.D
Acq On : 14 Dec 2018 1:05
Operator : JU/SJ
Sample : J6208-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

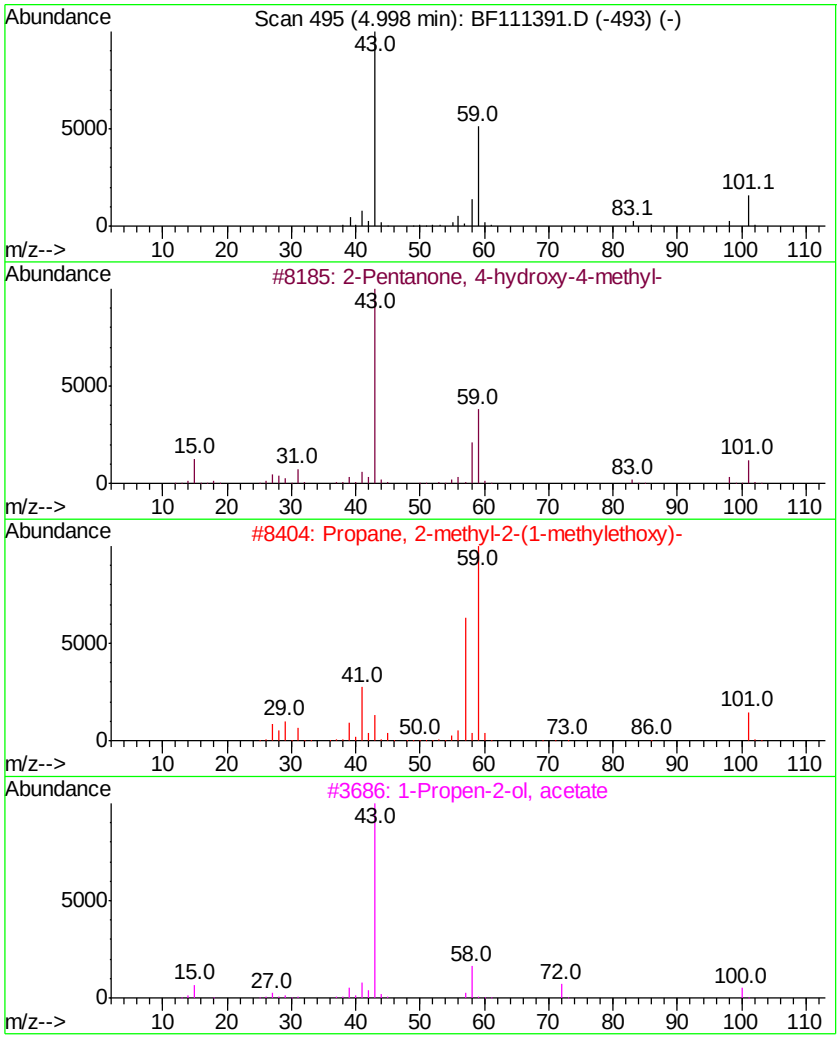
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

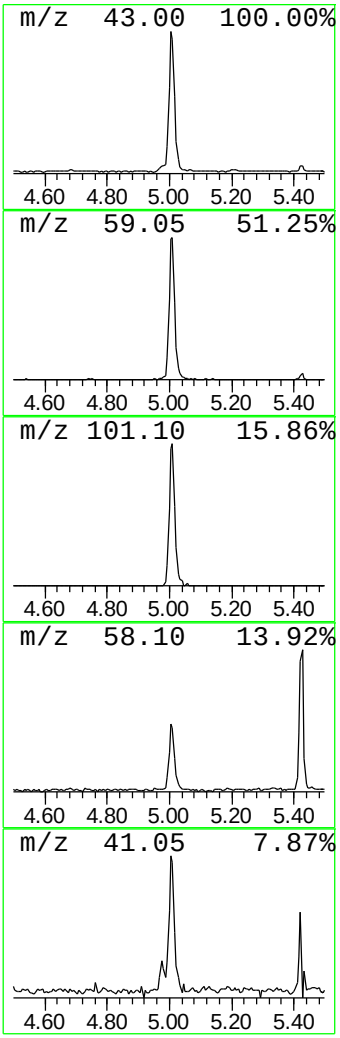
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	3.56 ng	320254	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	53
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111391.D
Acq On : 14 Dec 2018 1:05
Operator : JU/SJ
Sample : J6208-09
Misc :
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Instrument : BNA_F
ClientSampleId : TP-3

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

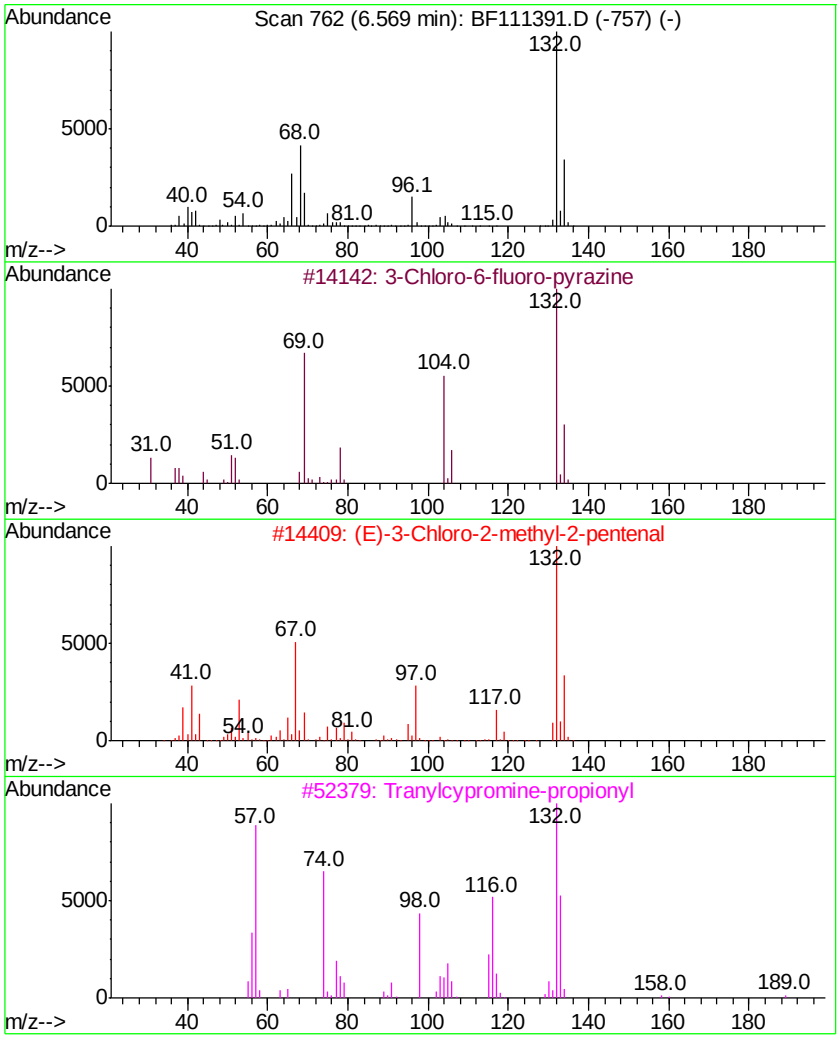
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

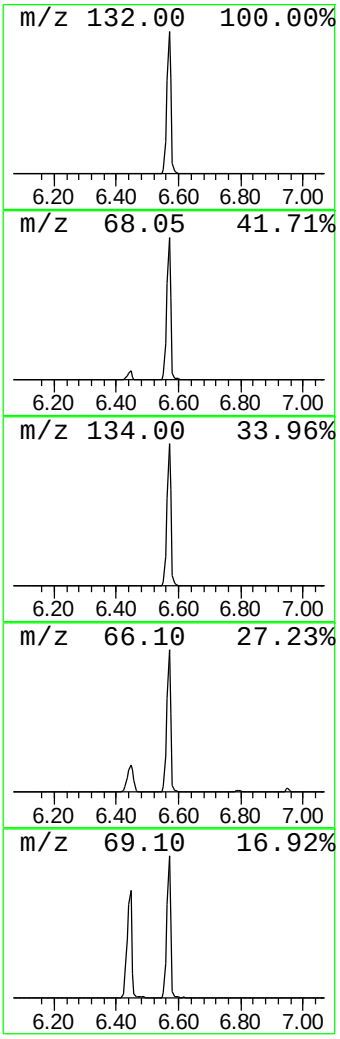
****

Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	58.49 ng	5255050	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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111391.D
Acq On : 14 Dec 2018 1:05
Operator : JU/SJ
Sample : J6208-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

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

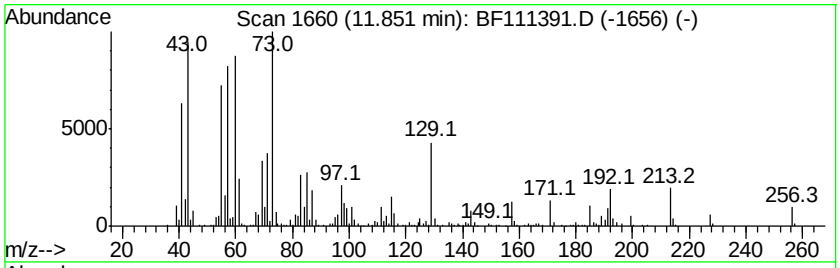
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

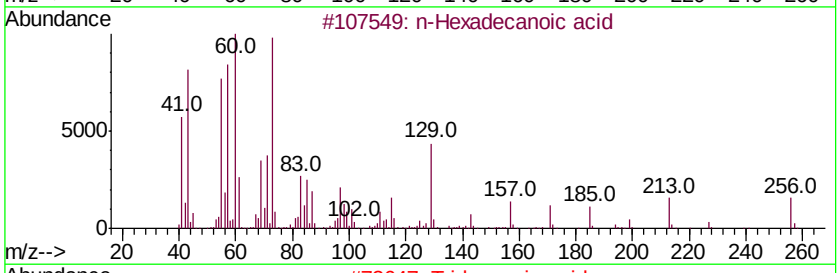
****

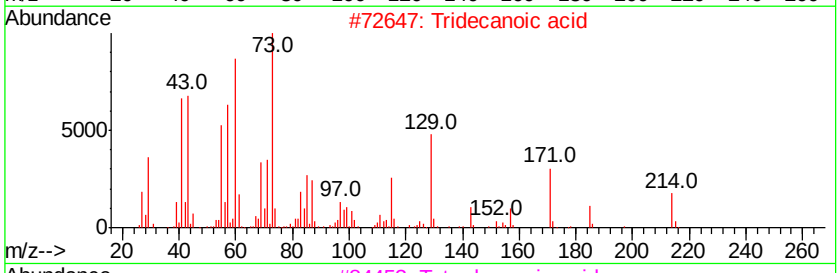
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

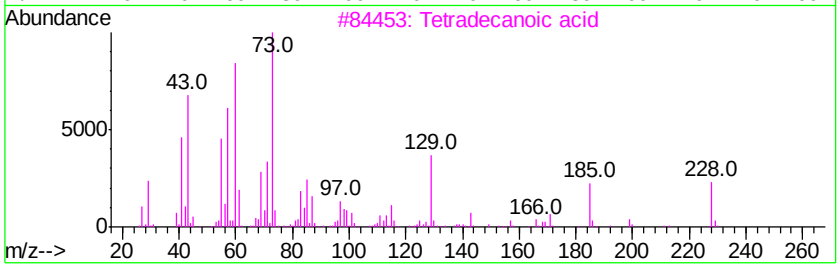
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	8.53 ng	834940	Phenanthrene-d10	11.31

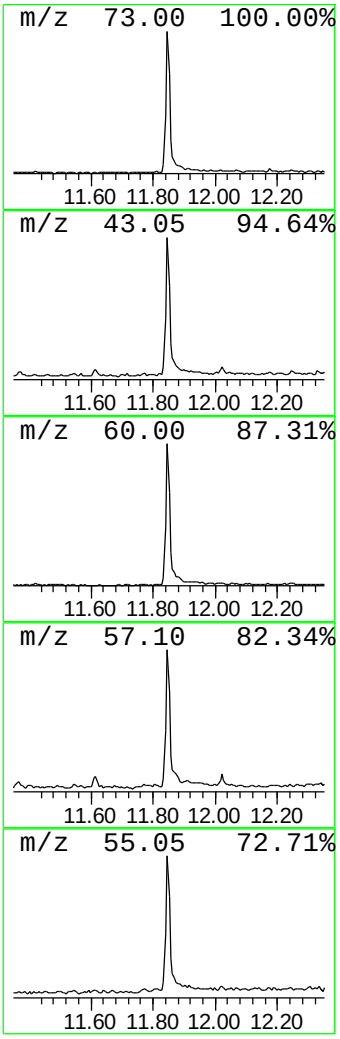
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	56











Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111391.D
Acq On : 14 Dec 2018 1:05
Operator : JU/SJ
Sample : J6208-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

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

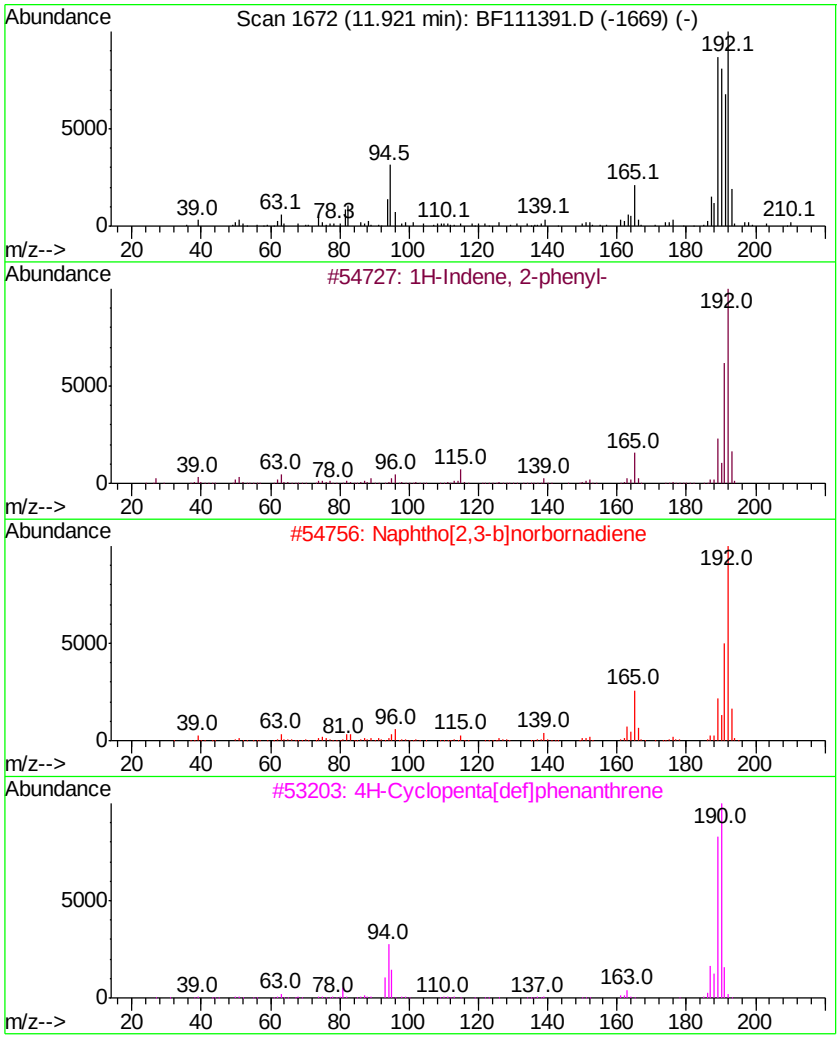
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

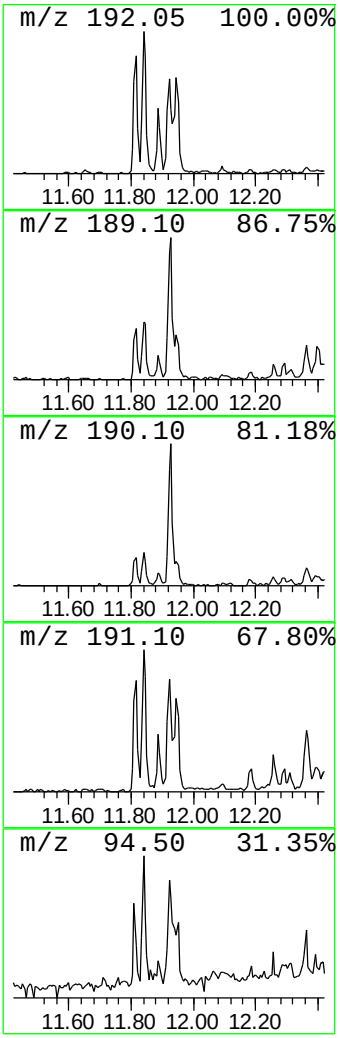
****

Peak Number 5 unknown11.92 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	2.49 ng	243478	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46
2	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	46
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46





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Data File : BF111391.D
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Operator : JU/SJ
Sample : J6208-09
Misc :
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Instrument : BNA_F
ClientSampleId : TP-3

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

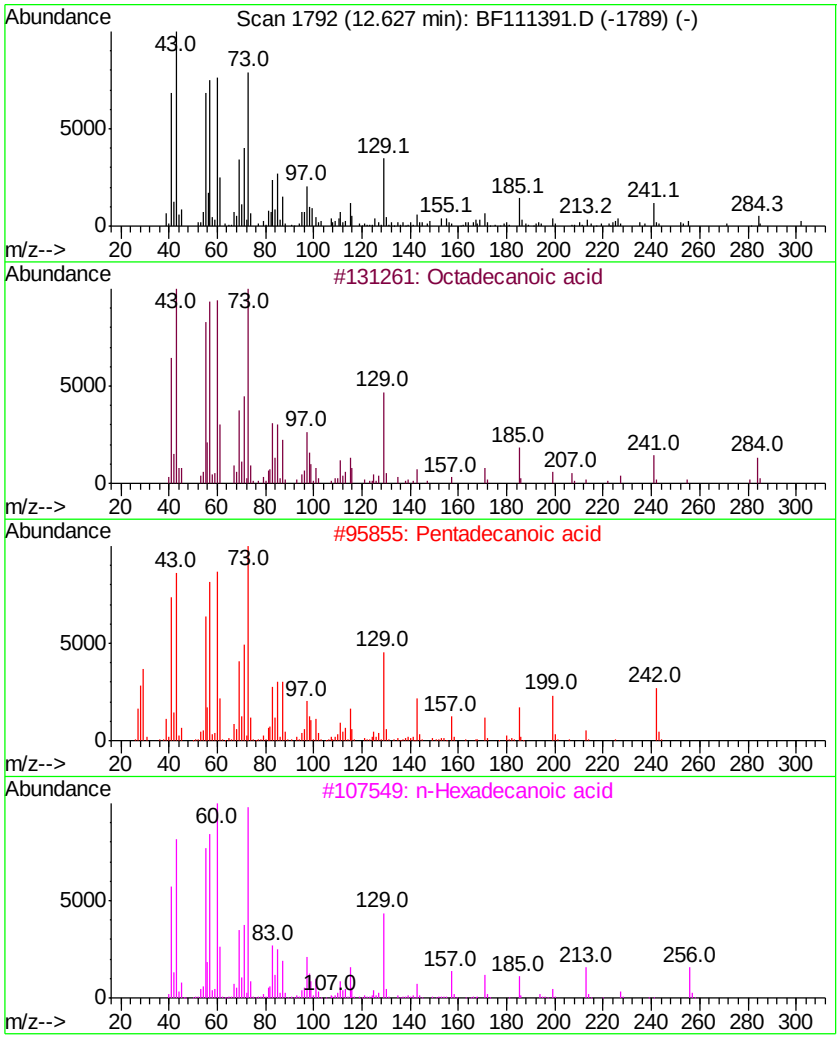
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

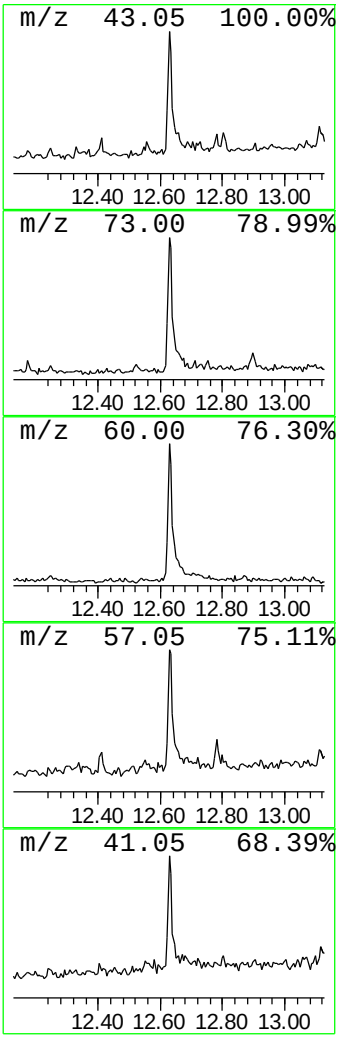
****

Peak Number 6 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	2.91 ng	285097	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	25





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Acq On : 14 Dec 2018 1:05
Operator : JU/SJ
Sample : J6208-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

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

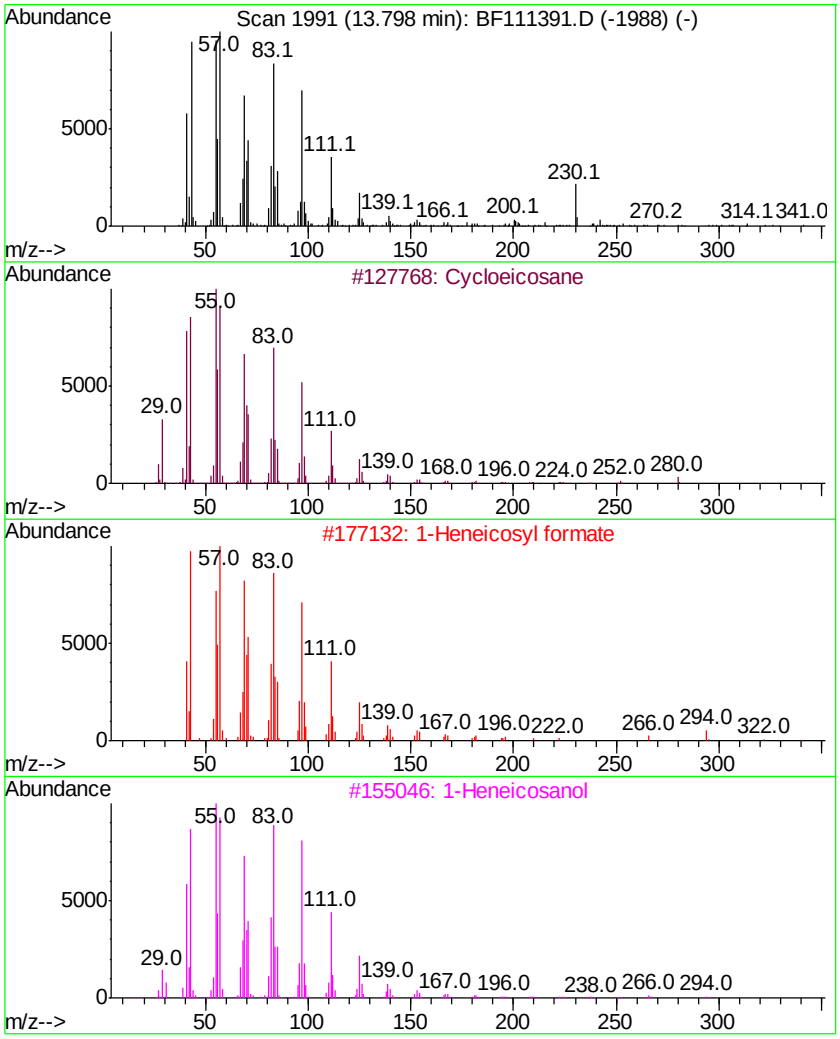
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

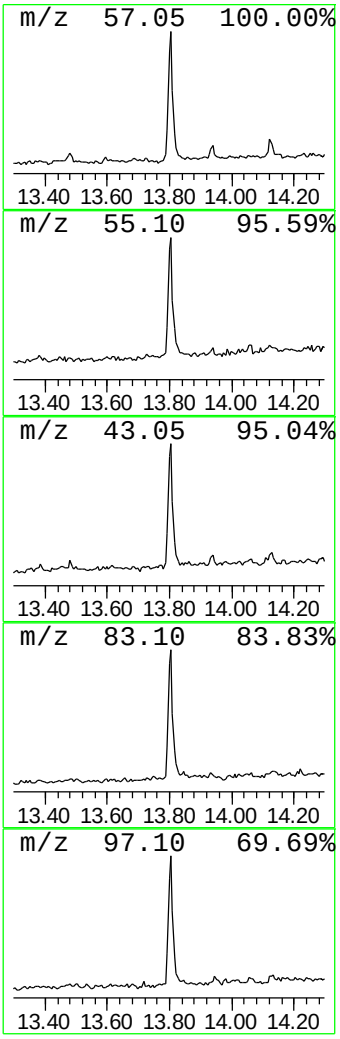
****

Peak Number 7 Cycloeicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	5.92 ng	575956	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	94
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	Octacosanol	410	C28H58O	000557-61-9	91





Library Search Compound Report

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Data File : BF111391.D
Acq On : 14 Dec 2018 1:05
Operator : JU/SJ
Sample : J6208-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

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

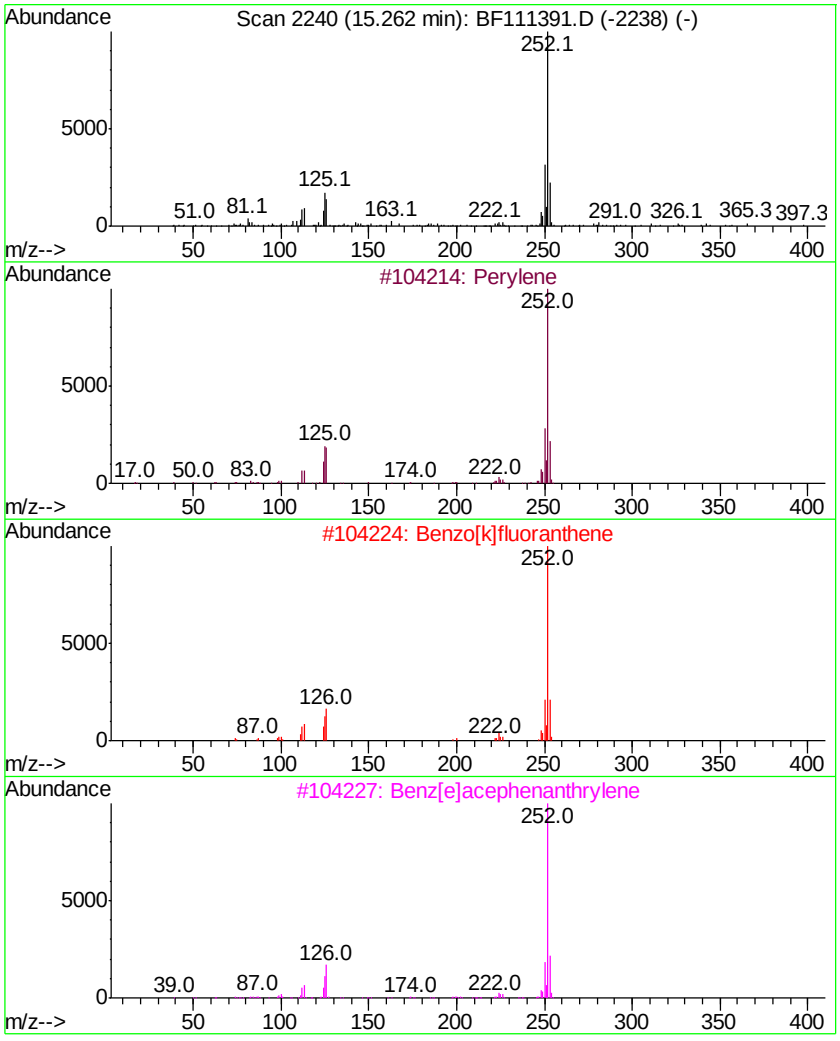
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

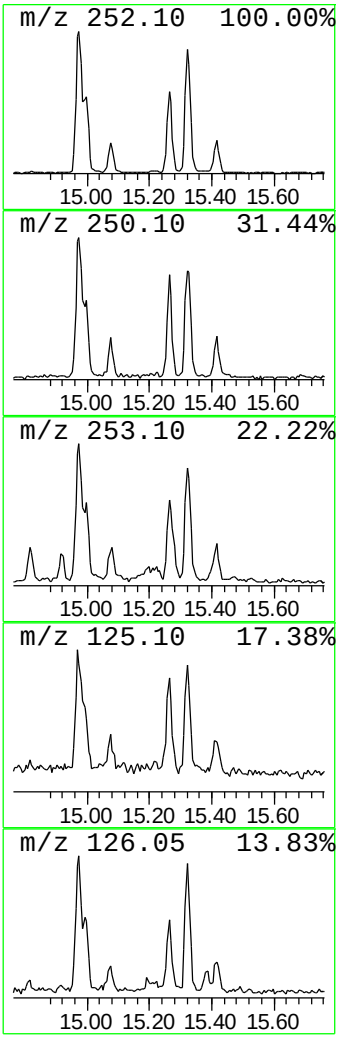
****

Peak Number 8 Perylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	3.50 ng	189937	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	93
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
4	Benzo[e]pyrene	252	C20H12	000192-97-2	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121318\
Data File : BF111391.D
Acq On : 14 Dec 2018 1:05
Operator : JU/SJ
Sample : J6208-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

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	3.6	ng	320254	1	6.79	1796780	20.0
unknown6.57	6.57	58.5	ng	5255050	1	6.79	1796780	20.0
n-Hexadecanoic acid	11.85	8.5	ng	834940	4	11.31	1957310	20.0
unknown11.92	11.92	2.5	ng	243478	4	11.31	1957310	20.0
Octadecanoic acid	12.63	2.9	ng	285097	4	11.31	1957310	20.0
Cycloeicosane	13.80	5.9	ng	575956	5	13.95	1944220	20.0
Perylene	15.26	3.5	ng	189937	6	15.39	1084110	20.0