LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111462.D
Acq On : 15 Dec 2018 12:18
Operator : JU/SJ
Sample : J6208-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

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-BF121418.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	3.246	195	197	207	rBV	90595	164714	3.09%	0.328%
2	5.010	494	497	509	rVB	194472	258209	4.84%	0.515%
3	5.428	563	568	571	rBV	4450890	4507413	84.44%	8.986%
4	6.445	735	741	757	rBV2	4285993	5338107	100.00%	10.642%
5	6.569	757	762	765	rBV	5098904	4802324	89.96%	9.574%
6	6.792	796	800	804	rBV	1277914	1030517	19.30%	2.054%
7	6.951	823	827	830	rBV	3958587	3411849	63.91%	6.802%
8	7.357	890	896	899	rBV	3205411	3127875	58.60%	6.236%
9	8.075	1014	1018	1035	rBV	1577705	1385343	25.95%	2.762%
10	9.151	1197	1201	1210	rBV	4553360	4104623	76.89%	8.183%
11	9.539	1264	1267	1277	rBV	420044	410973	7.70%	0.819%
12	9.686	1288	1292	1295	rVB	47182	56482	1.06%	0.113%
13	9.827	1310	1316	1320	rBV2	1586227	1488088	27.88%	2.967%
14	9.863	1320	1322	1324	rVB	78028	63127	1.18%	0.126%
15	10.033	1348	1351	1356	rBV	66761	70489	1.32%	0.141%
16	10.374	1406	1409	1415	rVB	85123	75534	1.41%	0.151%
17	10.616	1446	1450	1462	rBV	2515413	2469938	46.27%	4.924%
18	11.316	1565	1569	1571	rBV	1283845	1283310	24.04%	2.558%
19	11.333	1571	1572	1576	rVV	881804	719111	13.47%	1.434%
20	11.386	1576	1581	1585	rVB	258944	242361	4.54%	0.483%
21	11.545	1601	1608	1614	rBV2	85042	125511	2.35%	0.250%
22	11.816	1650	1654	1655	rBV	118233	113191	2.12%	0.226%
23	11.857	1655	1661	1669	rVV2	1545069	1953592	36.60%	3.895%
24	11.927	1669	1673	1675	rVV	124683	127602	2.39%	0.254%
25	12.110	1701	1704	1706	rBV	67681	63493	1.19%	0.127%
26	12.298	1732	1736	1741	rBV3	50860	79375	1.49%	0.158%
27	12.368	1744	1748	1750	rBV2	64734	73775	1.38%	0.147%
28	12.410	1751	1755	1759	rVV4	94189	124707	2.34%	0.249%
29	12.474	1763	1766	1769	rVV	73055	59899	1.12%	0.119%
30	12.527	1771	1775	1778	rVV	968110	944729	17.70%	1.883%
31	12.563	1778	1781	1788	rVV4	138310	288035	5.40%	0.574%
32	12.639	1788	1794	1806	rVV	1106819	1680598	31.48%	3.350%
33	12.751	1807	1813	1816	rVV	883219	985598	18.46%	1.965%
34	12.804	1820	1822	1826	rVB2	64979	74200	1.39%	0.148%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
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Acq On : 15 Dec 2018 12:18
Operator : JU/SJ
Sample : J6208-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

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-BF121418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.898	1834	1838	1846	rVB	2855152	2505302	46.93%	4.995%
36	13.080	1867	1869	1871	rVB	93724	72166	1.35%	0.144%
37	13.145	1876	1880	1883	rVB2	65472	100769	1.89%	0.201%
38	13.186	1884	1887	1889	rVB2	77559	64217	1.20%	0.128%
39	13.374	1916	1919	1926	rVB2	130742	156835	2.94%	0.313%
40	13.586	1953	1955	1960	rVB	74531	83003	1.55%	0.165%
41	13.698	1971	1974	1977	rBV3	72889	89452	1.68%	0.178%
42	13.751	1981	1983	1987	rVV3	74732	102484	1.92%	0.204%
43	13.804	1988	1992	1999	rVB3	159517	241132	4.52%	0.481%
44	13.951	2012	2017	2020	rBV2	1168706	1485837	27.83%	2.962%
45	13.974	2020	2021	2027	rVB	444329	322608	6.04%	0.643%
46	14.339	2080	2083	2085	rVB2	82979	84721	1.59%	0.169%
47	14.974	2187	2191	2194	rBV	462346	635906	11.91%	1.268%
48	15.268	2238	2241	2247	rVB	274613	352672	6.61%	0.703%
49	15.327	2247	2251	2257	rVV	353421	429601	8.05%	0.856%
50	15.392	2257	2262	2265	rVV	767218	937578	17.56%	1.869%
51	15.421	2265	2267	2273	rVB3	172871	206782	3.87%	0.412%
52	15.851	2337	2340	2346	rVB	141848	184484	3.46%	0.368%
53	16.803	2498	2502	2507	rBV2	123346	198955	3.73%	0.397%
54	17.233	2571	2575	2582	rVB2	101419	200928	3.76%	0.401%

Sum of corrected areas: 50160124

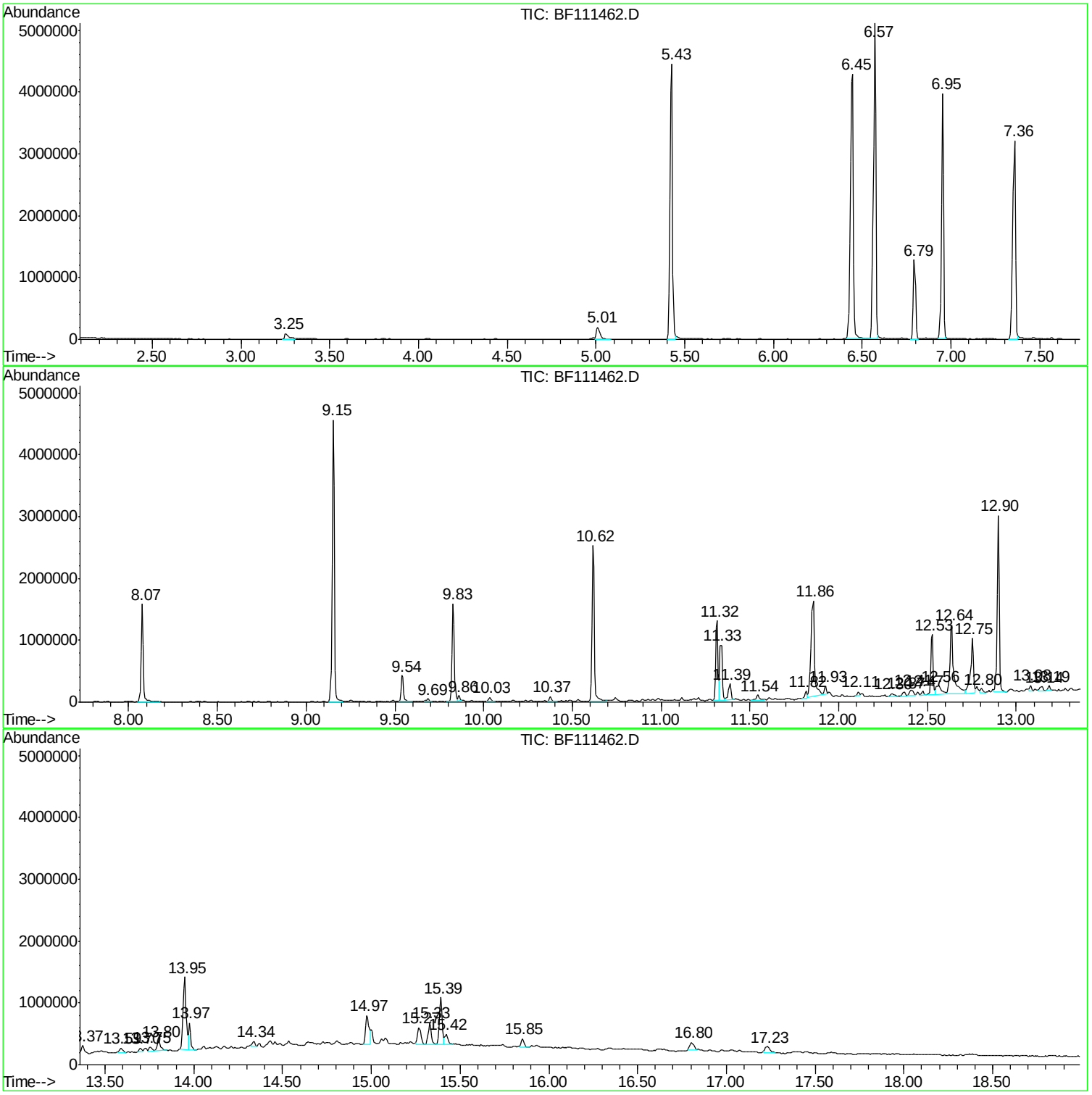
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111462.D
Acq On : 15 Dec 2018 12:18
Operator : JU/SJ
Sample : J6208-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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\BF121518\
Data File : BF111462.D
Acq On : 15 Dec 2018 12:18
Operator : JU/SJ
Sample : J6208-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

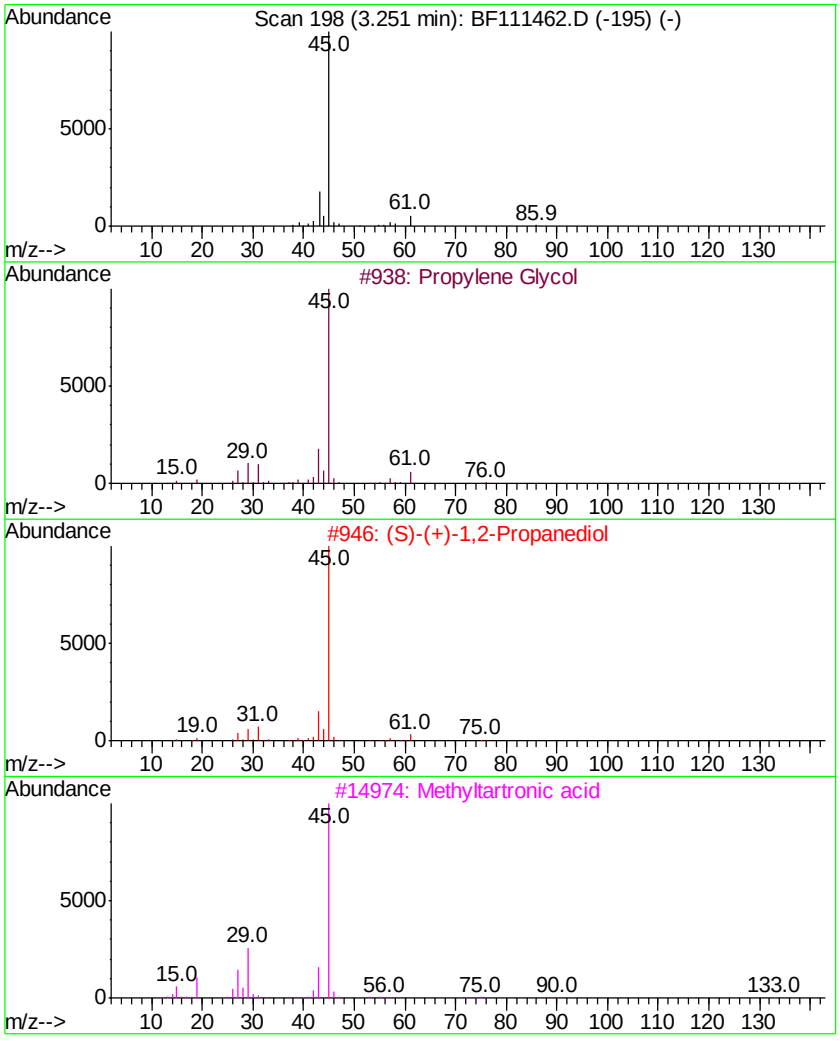
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

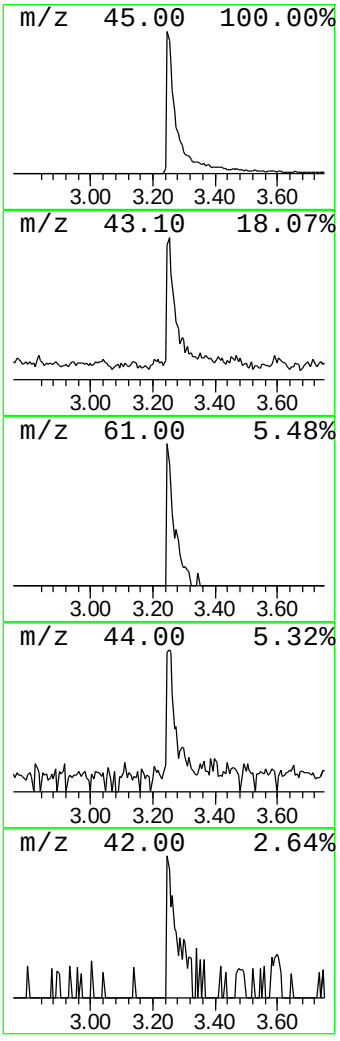
****

Peak Number 1 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.25	3.20 ng	164714	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	43
2	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	43
3	Methyltartronic acid	134	C4H6O5	000595-98-2	9
4	Formamide	45	CH3NO	000075-12-7	7
5	Ethylamine	45	C2H7N	000075-04-7	4





Library Search Compound Report

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Data File : BF111462.D
Acq On : 15 Dec 2018 12:18
Operator : JU/SJ
Sample : J6208-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

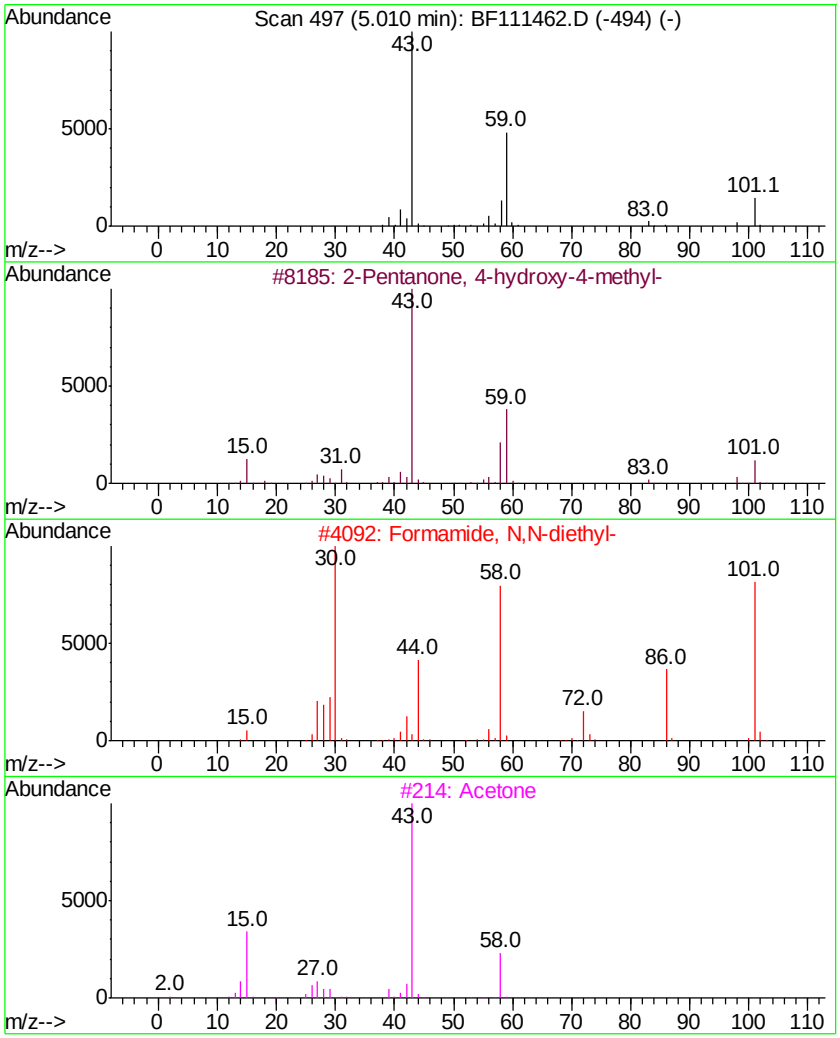
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

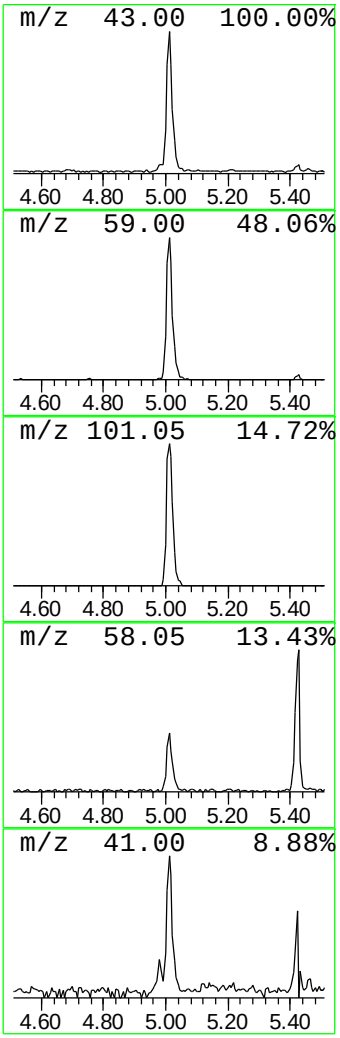
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	5.01 ng	258209	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	50
2	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	7
3	Acetone	58	C3H6O	000067-64-1	7
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	7
5	Diacetamide	101	C4H7NO2	000625-77-4	7





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111462.D
Acq On : 15 Dec 2018 12:18
Operator : JU/SJ
Sample : J6208-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

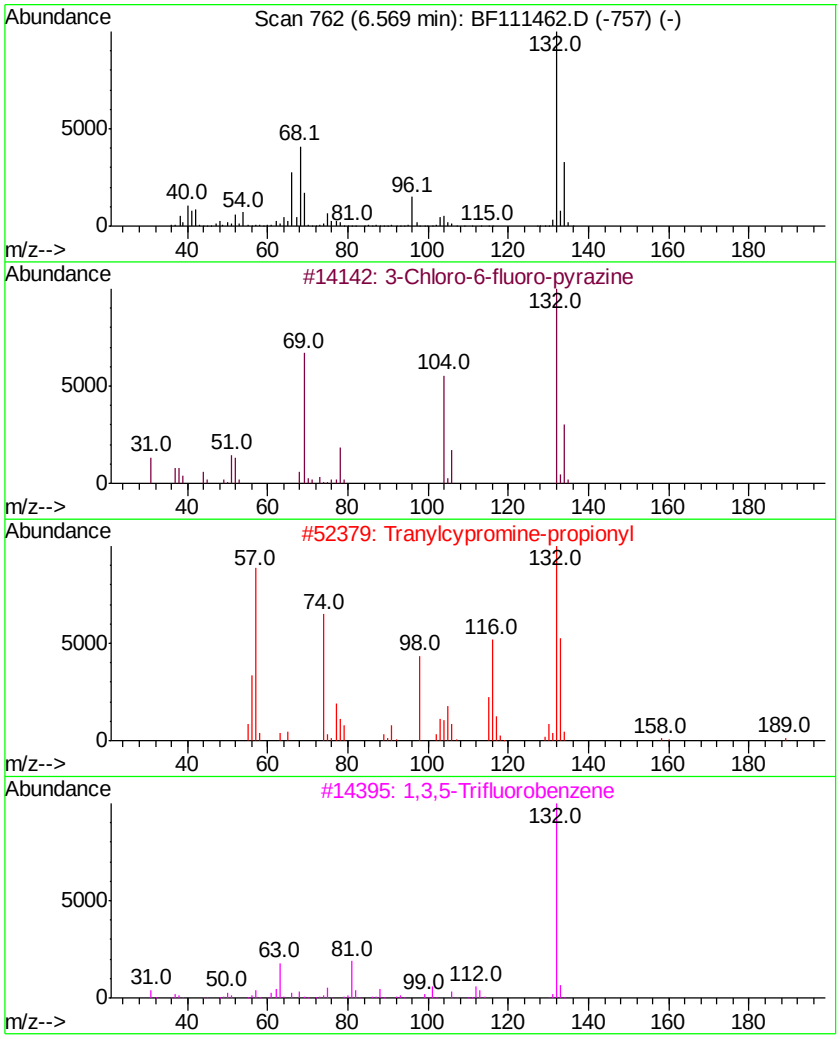
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

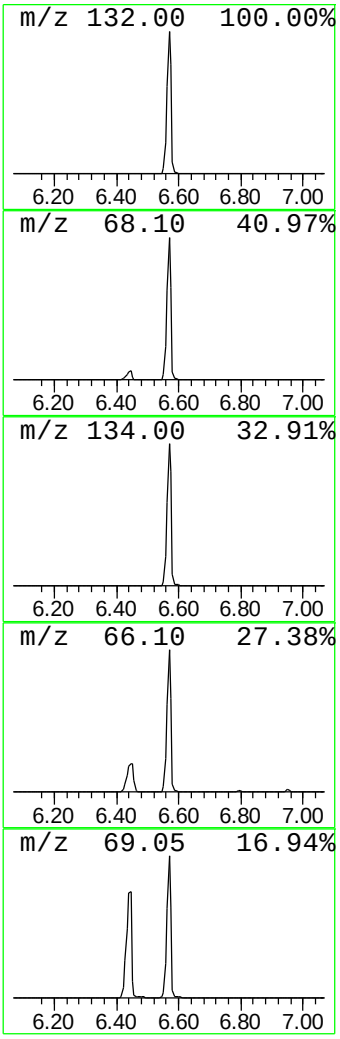
****

Peak Number 3 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	93.20 ng	4802320	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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4	Xenon	132	Xe	007440-63-3	9
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\BF121518\
Data File : BF111462.D
Acq On : 15 Dec 2018 12:18
Operator : JU/SJ
Sample : J6208-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

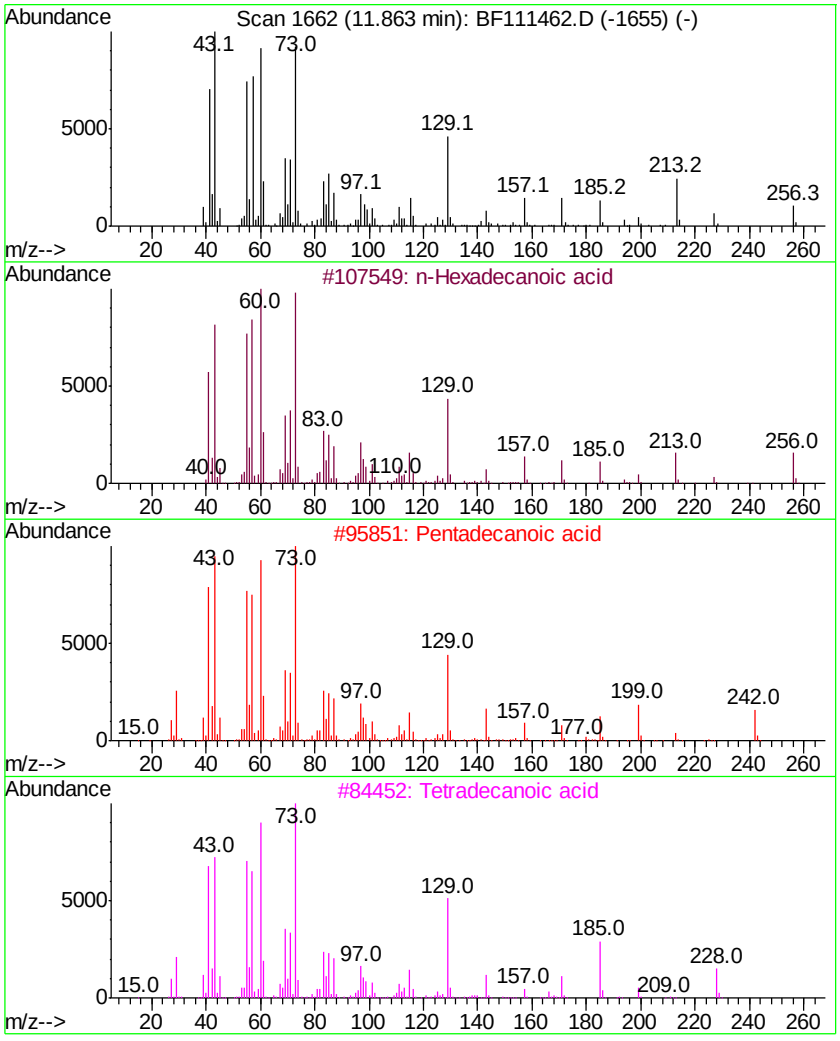
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

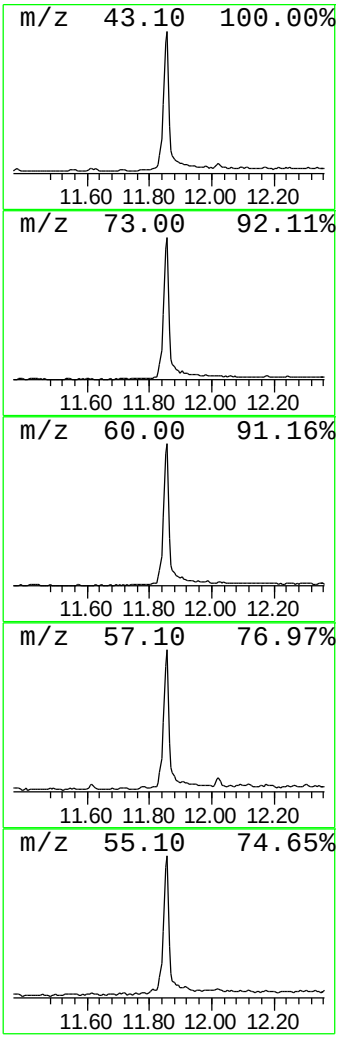
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	30.45 ng	1953590	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
4	Undecanoic acid	186	C11H22O2	000112-37-8	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

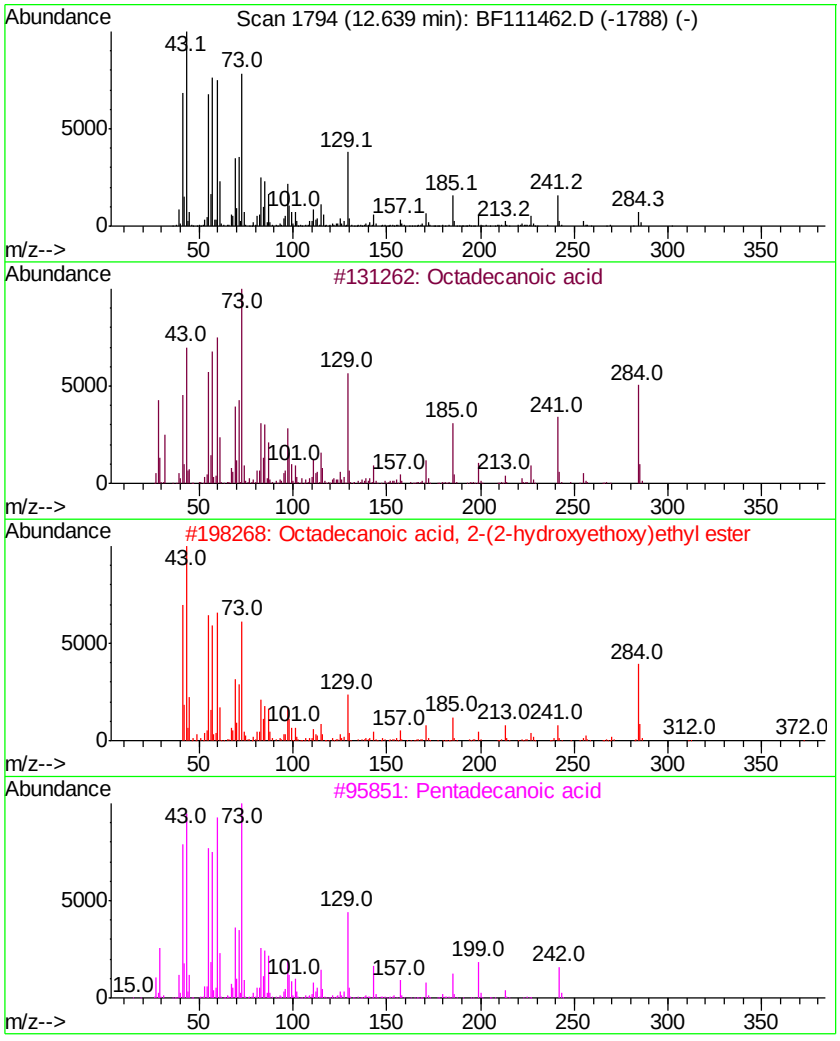
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

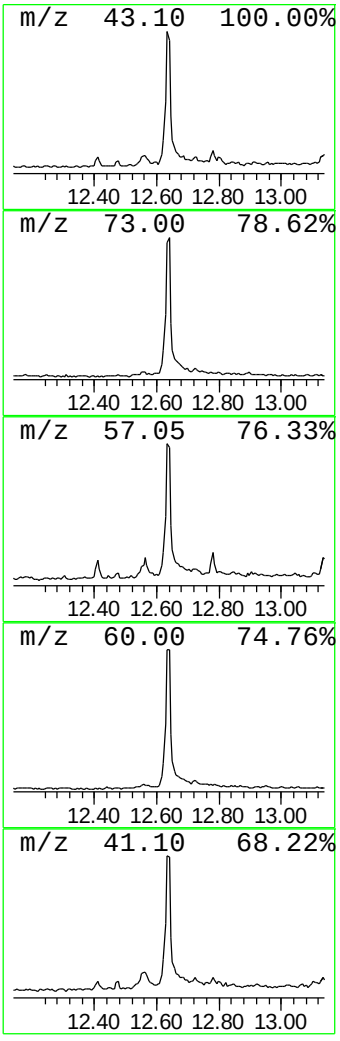
****

Peak Number 6 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	22.62 ng	1680600	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	Undecanoic acid	186	C11H22O2	000112-37-8	76
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76





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Data File : BF111462.D
Acq On : 15 Dec 2018 12:18
Operator : JU/SJ
Sample : J6208-13
Misc :
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Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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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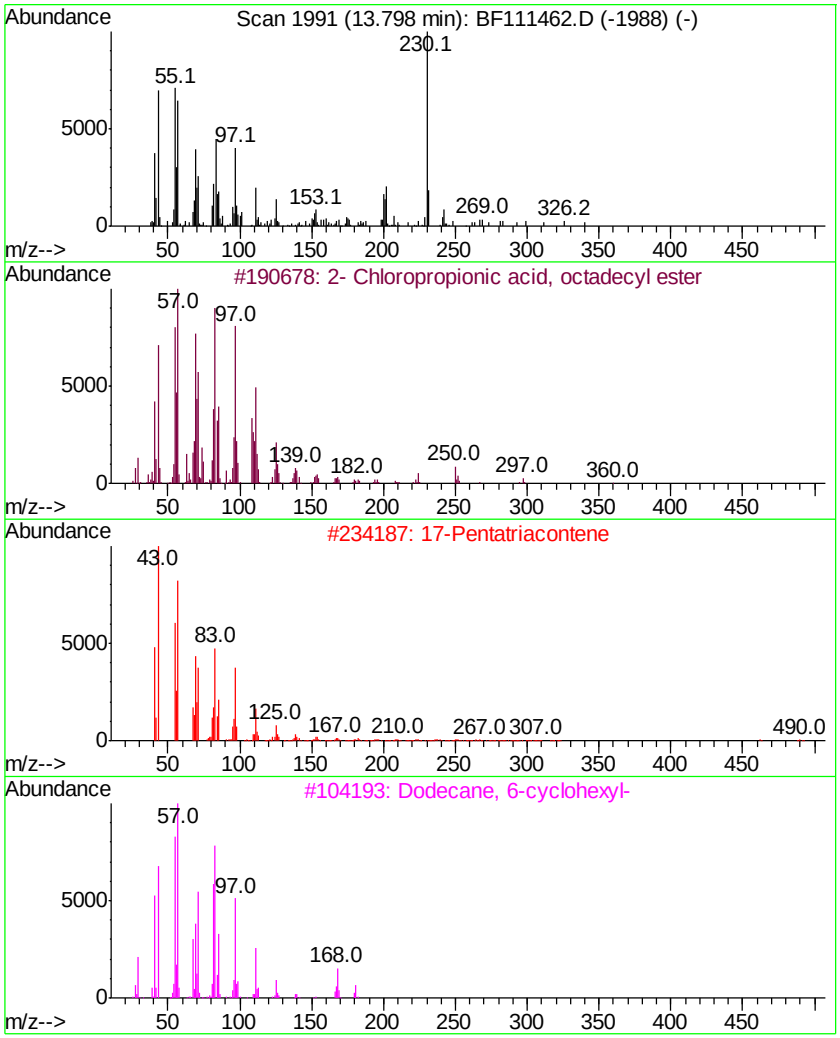
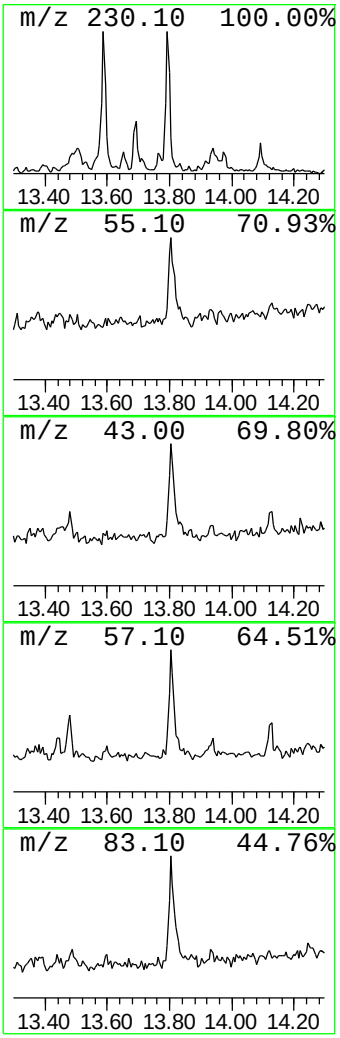
Peak Number 7 2- Chloropropionic acid, oc... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	3.25 ng	241132	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	87
2	17-Pentatriacontene	491	C35H70	006971-40-0	87
3	Dodecane, 6-cyclohexyl-	252	C18H36	013151-86-5	83
4	Triacontyl acetate	480	C32H64O2	041755-58-2	83
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	81





Library Search Compound Report

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Data File : BF111462.D
Acq On : 15 Dec 2018 12:18
Operator : JU/SJ
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

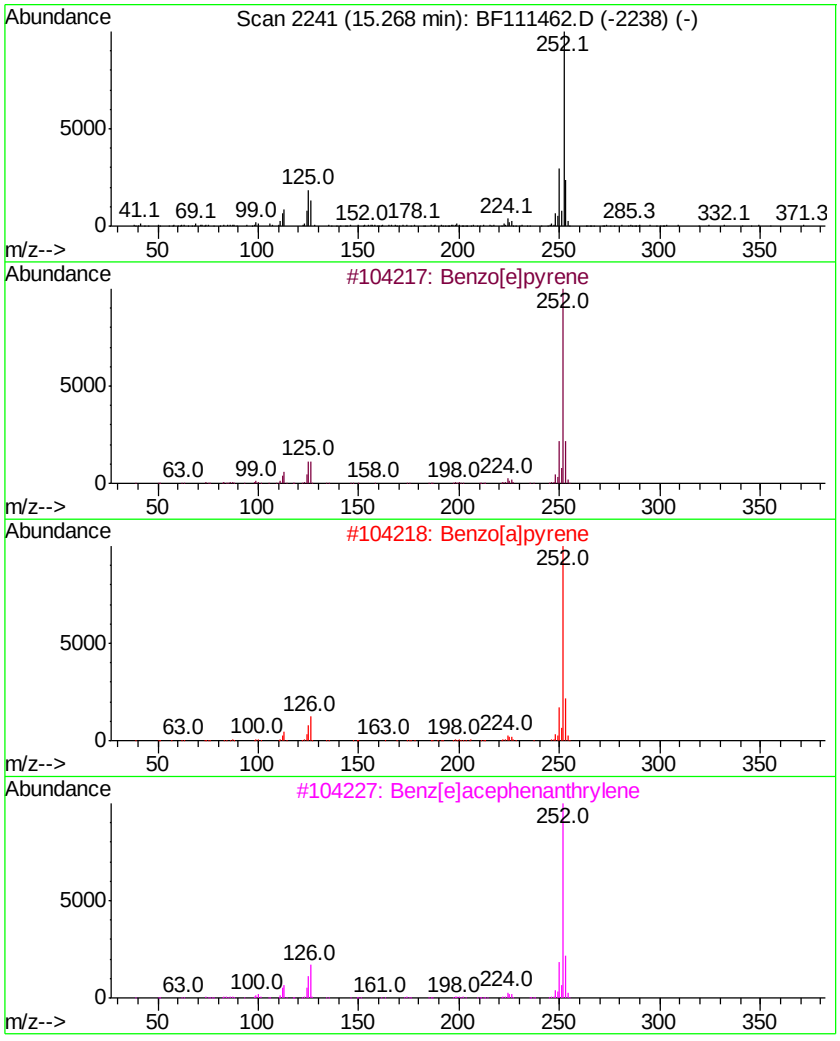
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

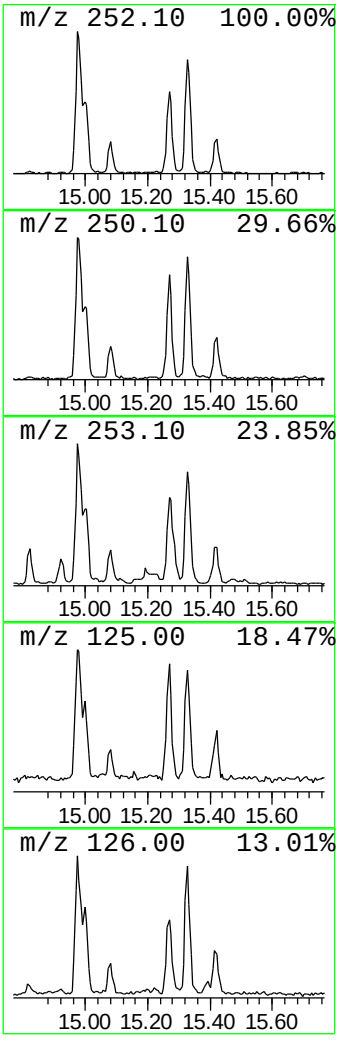
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	7.52 ng	352672	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111462.D
Acq On : 15 Dec 2018 12:18
Operator : JU/SJ
Sample : J6208-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

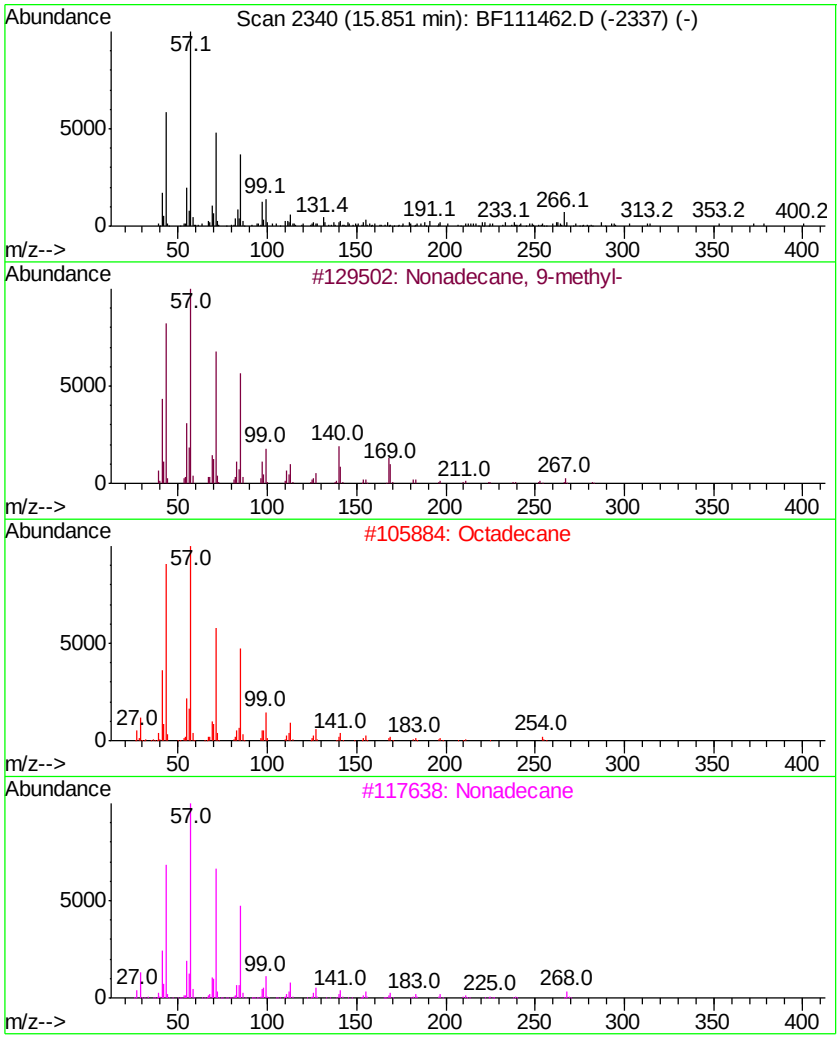
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

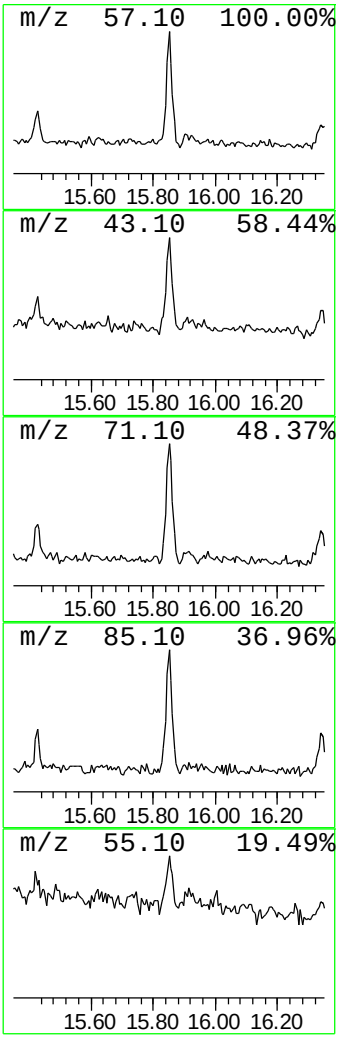
****

Peak Number 9 Nonadecane, 9-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	3.94 ng	184484	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
2	Octadecane	254	C18H38	000593-45-3	86
3	Nonadecane	268	C19H40	000629-92-5	83
4	1-Iodoundecane	282	C11H23I	004282-44-4	76
5	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121518\
Data File : BF111462.D
Acq On : 15 Dec 2018 12:18
Operator : JU/SJ
Sample : J6208-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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
unknown-01	3.25	3.2	ng	164714	1	6.79	1030520	20.0
2-Pentanone, 4-hy...	5.01	5.0	ng	258209	1	6.79	1030520	20.0
unknown6.57	6.57	93.2	ng	4802320	1	6.79	1030520	20.0
n-Hexadecanoic acid	11.86	30.4	ng	1953590	4	11.32	1283310	20.0
Octadecanoic acid	12.64	22.6	ng	1680600	5	13.95	1485840	20.0
2- Chloropropioni...	13.80	3.3	ng	241132	5	13.95	1485840	20.0
Benzo[e]pyrene	15.27	7.5	ng	352672	6	15.39	937578	20.0
Nonadecane, 9-met...	15.85	3.9	ng	184484	6	15.39	937578	20.0