LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
Data File : BF108939.D
Acq On : 11 Sep 2018 17:03
Operator : JU/SJ
Sample : J4838-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-1A-C-090718-1

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-BF090518.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	4.919	435	439	447	rBV	41289	47338	3.25%	0.235%
2	5.337	506	510	514	rBV	1346311	1187959	81.65%	5.892%
3	6.360	680	684	692	rBV	1390996	1257677	86.44%	6.238%
4	6.501	704	708	711	rBV	1595996	1295965	89.07%	6.428%
5	6.566	717	719	725	rBV2	17462	22347	1.54%	0.111%
6	6.737	744	748	751	rBV	1374652	1075731	73.93%	5.336%
7	6.889	771	774	778	rBV	1195405	1014438	69.72%	5.032%
8	7.289	838	842	846	rBV	950590	796324	54.73%	3.950%
9	8.019	962	966	969	rBV	1663130	1380837	94.90%	6.849%
10	9.089	1145	1148	1152	rBV	1644626	1364326	93.77%	6.767%
11	9.219	1167	1170	1173	rBV	20508	18786	1.29%	0.093%
12	9.483	1212	1215	1224	rVB	435278	345308	23.73%	1.713%
13	9.766	1259	1263	1267	rBV2	1648381	1455000	100.00%	7.217%
14	10.548	1392	1396	1402	rBV	769470	662175	45.51%	3.284%
15	10.589	1402	1403	1409	rVB	17944	16909	1.16%	0.084%
16	10.689	1415	1420	1426	rVB2	33637	37167	2.55%	0.184%
17	10.742	1426	1429	1431	rVV	66479	61517	4.23%	0.305%
18	10.772	1431	1434	1437	rVV2	73837	90341	6.21%	0.448%
19	10.807	1437	1440	1442	rVV	72488	73256	5.03%	0.363%
20	10.830	1442	1444	1447	rVV	44701	40477	2.78%	0.201%
21	10.872	1447	1451	1452	rVV2	29978	36313	2.50%	0.180%
22	10.889	1452	1454	1456	rVV2	31181	27960	1.92%	0.139%
23	10.919	1456	1459	1463	rVV3	66840	82959	5.70%	0.411%
24	10.954	1463	1465	1468	rVV	75901	74581	5.13%	0.370%
25	10.995	1470	1472	1478	rVB	45110	44638	3.07%	0.221%
26	11.142	1491	1497	1499	rBV3	9950	17161	1.18%	0.085%
27	11.242	1511	1514	1517	rBV	1512835	1313123	90.25%	6.513%
28	11.266	1517	1518	1521	rVV	167565	89984	6.18%	0.446%
29	11.319	1524	1527	1529	rVB	26383	23708	1.63%	0.118%
30	11.472	1548	1553	1556	rBV2	15431	17812	1.22%	0.088%
31	11.742	1596	1599	1602	rBV	22100	21063	1.45%	0.104%
32	11.783	1602	1606	1610	rBV2	117616	134467	9.24%	0.667%
33	11.854	1615	1618	1620	rBV	34526	31835	2.19%	0.158%
34	12.054	1651	1652	1656	rVB3	22163	18892	1.30%	0.094%

LSC Area Percent Report

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Data File : BF108939.D
Acq On : 11 Sep 2018 17:03
Operator : JU/SJ
Sample : J4838-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-1A-C-090718-1

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-BF090518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.295	1689	1693	1696	rBV	18216	19497	1.34%	0.097%
36	12.371	1704	1706	1712	rVB4	12951	18024	1.24%	0.089%
37	12.448	1716	1719	1723	rBV	234453	195856	13.46%	0.971%
38	12.566	1736	1739	1743	rBV2	61077	72219	4.96%	0.358%
39	12.677	1752	1758	1761	rBV	188785	201885	13.88%	1.001%
40	12.713	1761	1764	1772	rVB2	38173	62886	4.32%	0.312%
41	12.824	1779	1783	1786	rBV	1142196	911718	62.66%	4.522%
42	12.895	1790	1795	1798	rBV3	16778	25441	1.75%	0.126%
43	13.001	1811	1813	1818	rVB	27996	28192	1.94%	0.140%
44	13.071	1822	1825	1827	rBV3	23118	22453	1.54%	0.111%
45	13.107	1829	1831	1833	rVV	23641	19267	1.32%	0.096%
46	13.507	1896	1899	1905	rVB	22881	31963	2.20%	0.159%
47	13.618	1914	1918	1921	rBV2	25856	42403	2.91%	0.210%
48	13.754	1937	1941	1952	rVB5	64258	122889	8.45%	0.610%
49	13.871	1956	1961	1963	rVV	1334247	1283969	88.25%	6.369%
50	13.895	1963	1965	1967	rVB	110042	84961	5.84%	0.421%
51	13.960	1973	1976	1977	rBV2	15740	15904	1.09%	0.079%
52	14.054	1990	1992	1995	rVB2	28261	25656	1.76%	0.127%
53	14.089	1995	1998	2003	rBV3	19475	31512	2.17%	0.156%
54	14.289	2029	2032	2036	rBV2	31263	36501	2.51%	0.181%
55	14.360	2041	2044	2046	rVV	39588	34894	2.40%	0.173%
56	14.513	2067	2070	2074	rBV7	23386	29597	2.03%	0.147%
57	14.660	2092	2095	2098	rVB2	71269	69439	4.77%	0.344%
58	14.724	2103	2106	2111	rVV	65011	65501	4.50%	0.325%
59	14.877	2129	2132	2135	rBV	105982	151114	10.39%	0.750%
60	14.977	2146	2149	2154	rVB	184904	184896	12.71%	0.917%
61	15.160	2177	2180	2186	rBV	88351	108154	7.43%	0.536%
62	15.218	2186	2190	2195	rBV	103226	117907	8.10%	0.585%
63	15.283	2196	2201	2205	rVV	1072639	1317179	90.53%	6.533%
64	15.330	2206	2209	2215	rVB	144589	201182	13.83%	0.998%
65	15.742	2274	2279	2284	rBV	184144	293438	20.17%	1.455%
66	16.212	2355	2359	2364	rBV2	89312	156226	10.74%	0.775%

Sum of corrected areas: 20161097

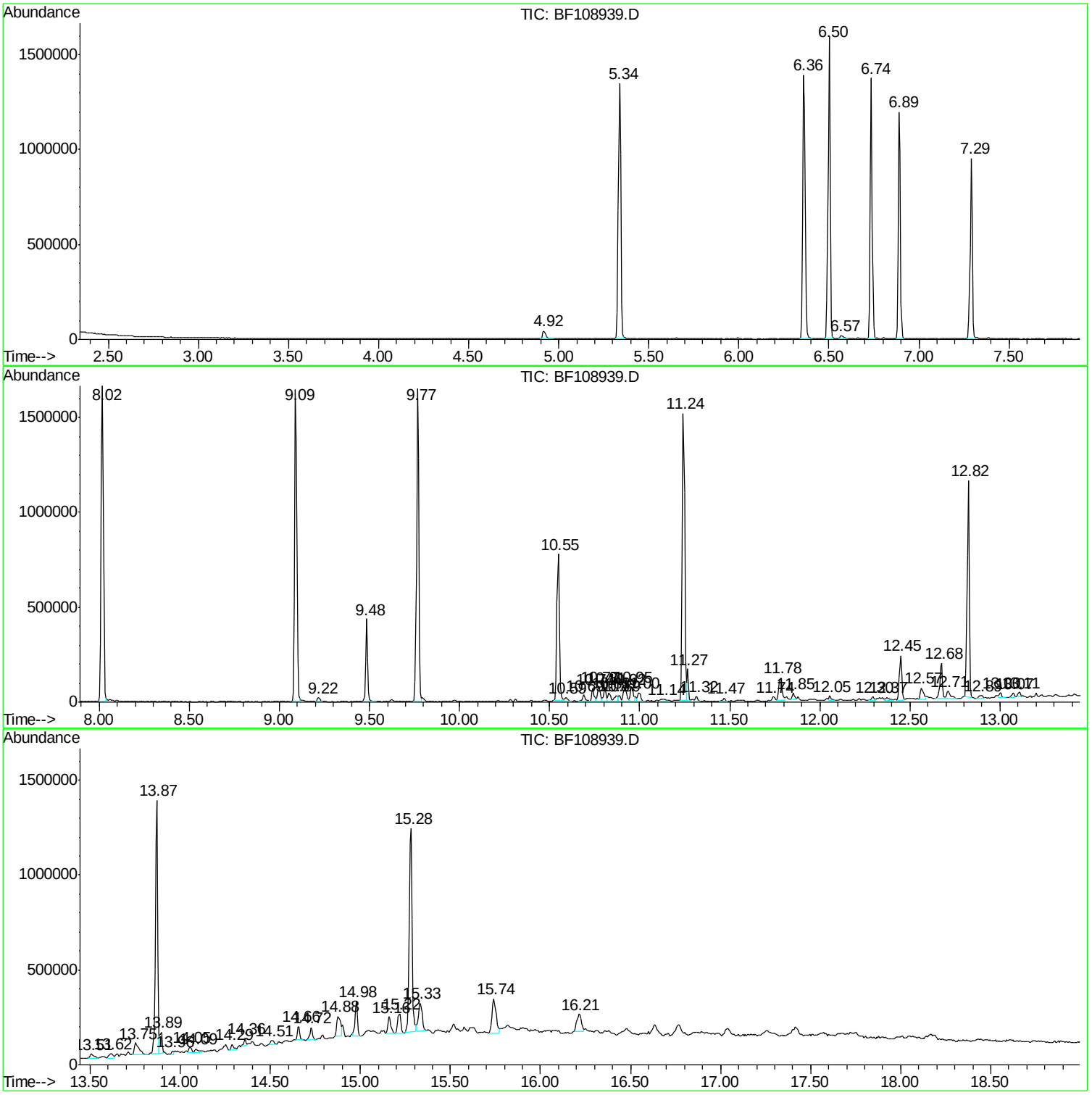
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
Data File : BF108939.D
Acq On : 11 Sep 2018 17:03
Operator : JU/SJ
Sample : J4838-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-1A-C-090718-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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\BF091118\
Data File : BF108939.D
Acq On : 11 Sep 2018 17:03
Operator : JU/SJ
Sample : J4838-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-1A-C-090718-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

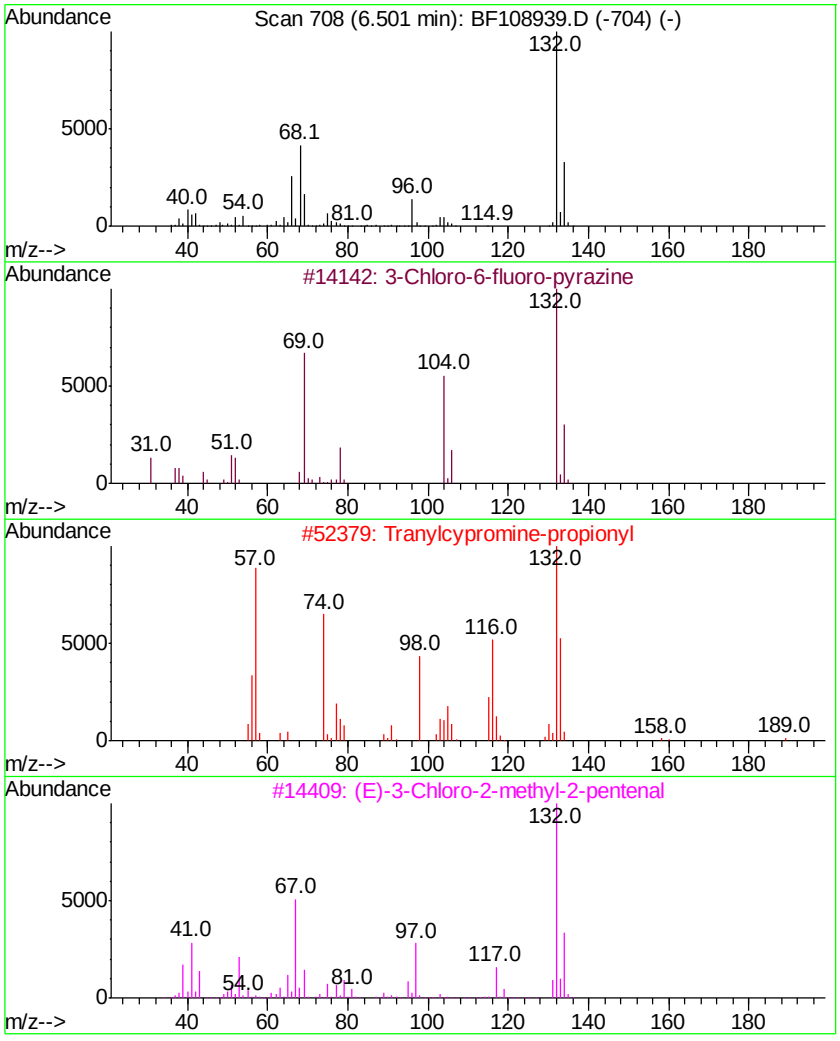
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

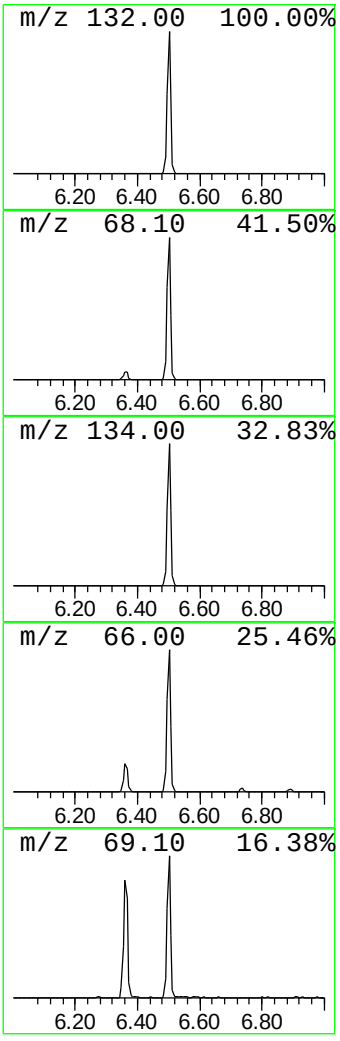
****

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	24.09 ng	1295970	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
Data File : BF108939.D
Acq On : 11 Sep 2018 17:03
Operator : JU/SJ
Sample : J4838-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-1A-C-090718-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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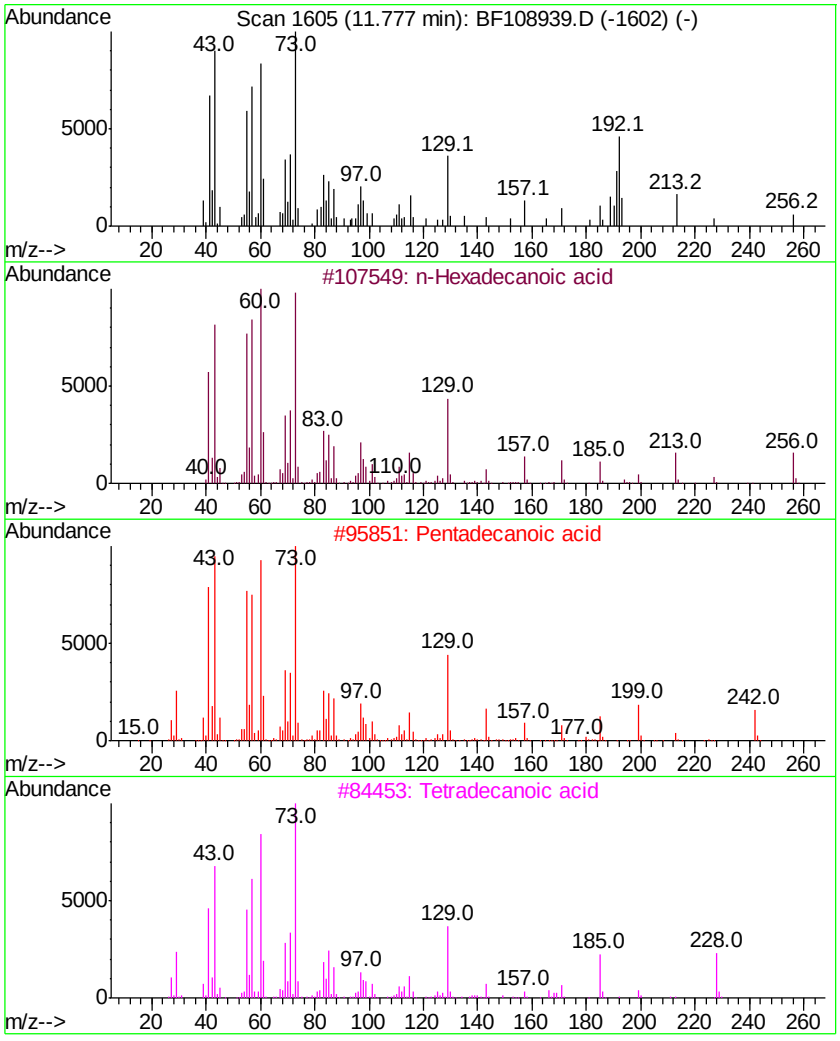
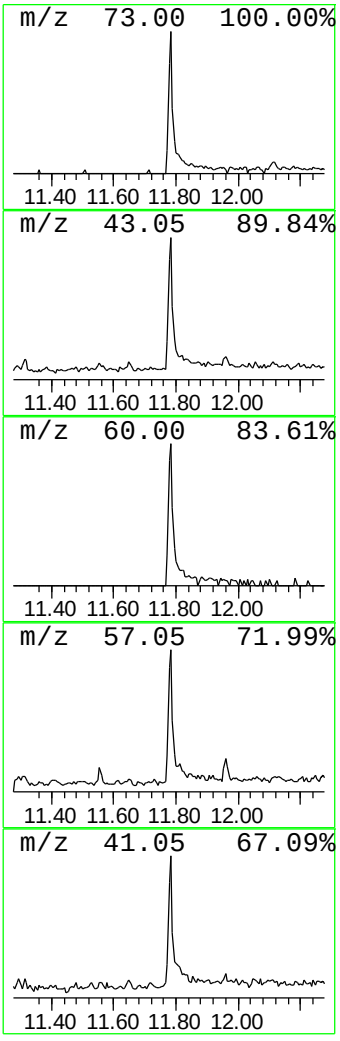
Peak Number 3 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	2.05 ng	134467	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
Data File : BF108939.D
Acq On : 11 Sep 2018 17:03
Operator : JU/SJ
Sample : J4838-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-1A-C-090718-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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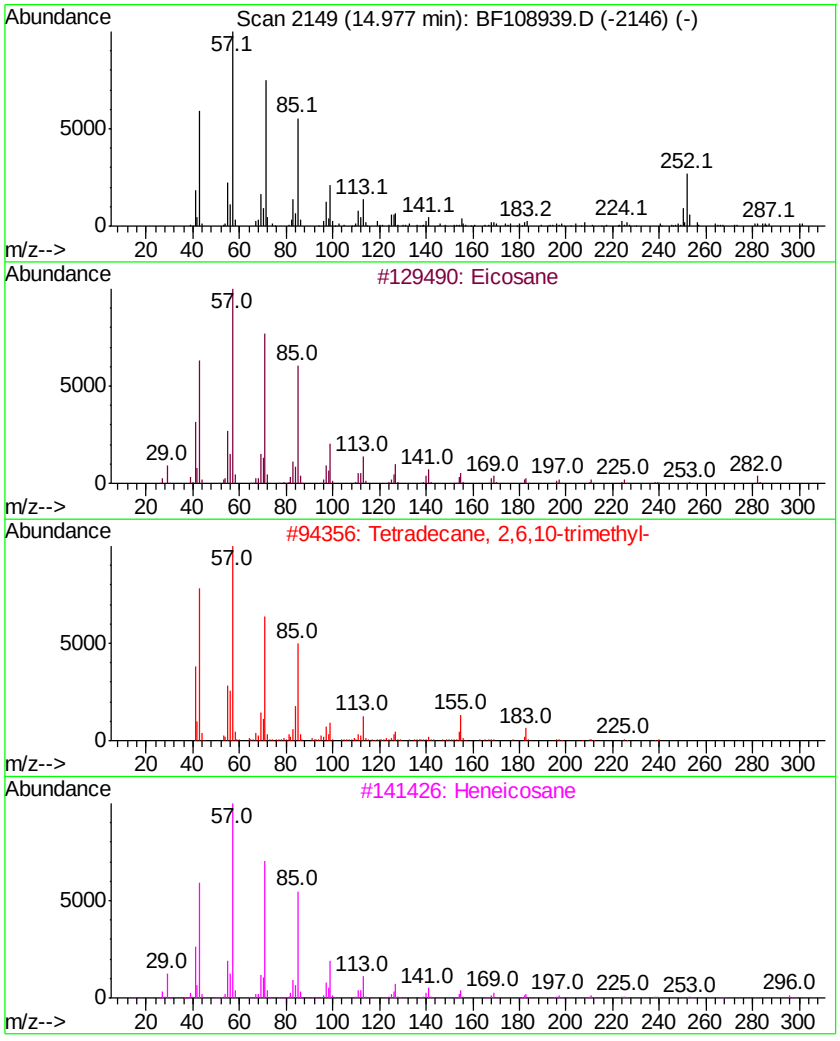
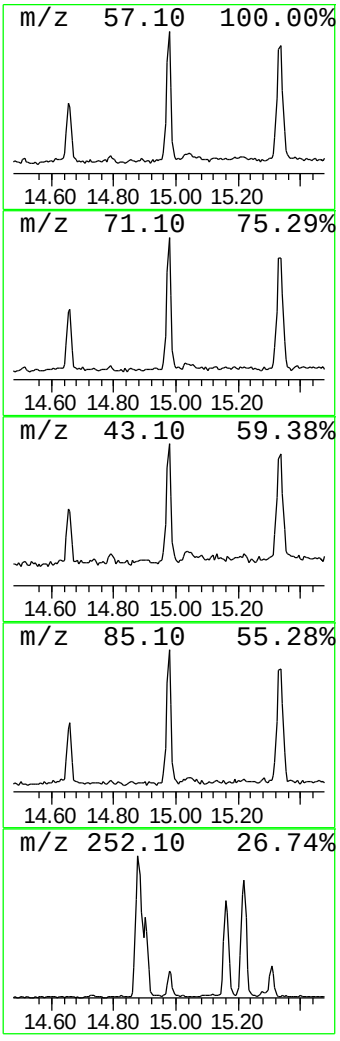
Peak Number 4 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	2.81 ng	184896	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	89
3	Heneicosane	296	C21H44	000629-94-7	83
4	10-Methylnonadecane	282	C20H42	056862-62-5	80
5	Pentacosane	352	C25H52	000629-99-2	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
Data File : BF108939.D
Acq On : 11 Sep 2018 17:03
Operator : JU/SJ
Sample : J4838-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-1A-C-090718-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

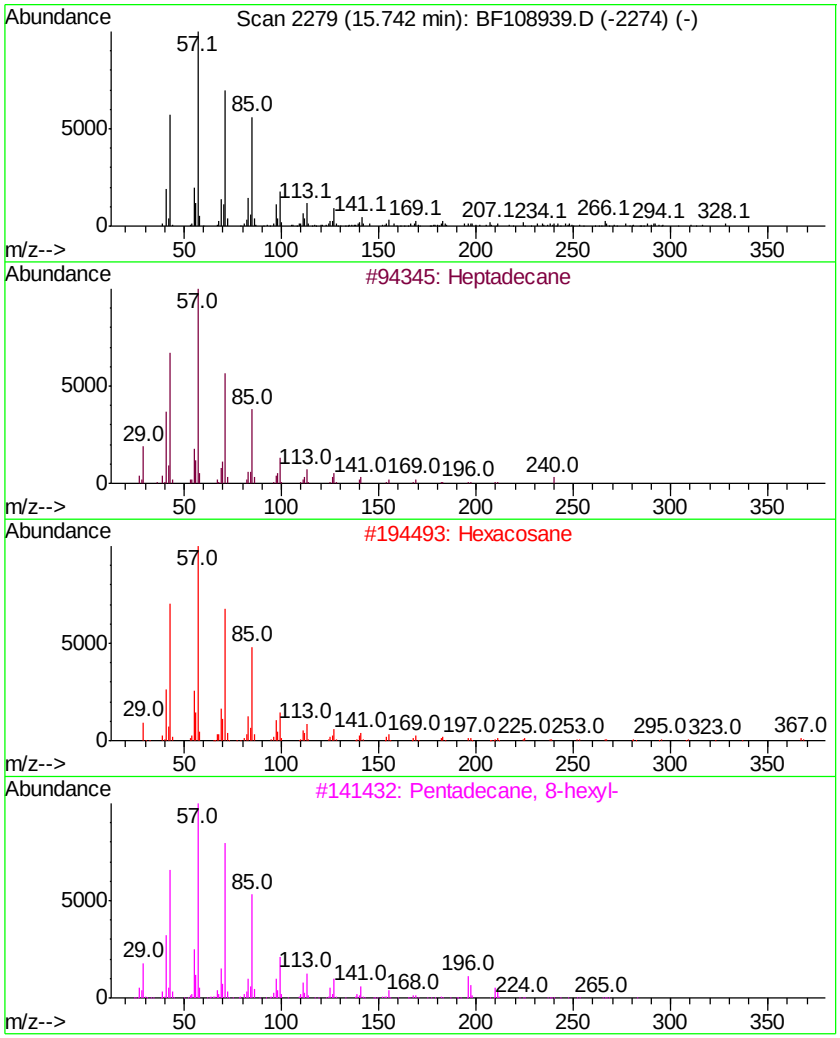
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

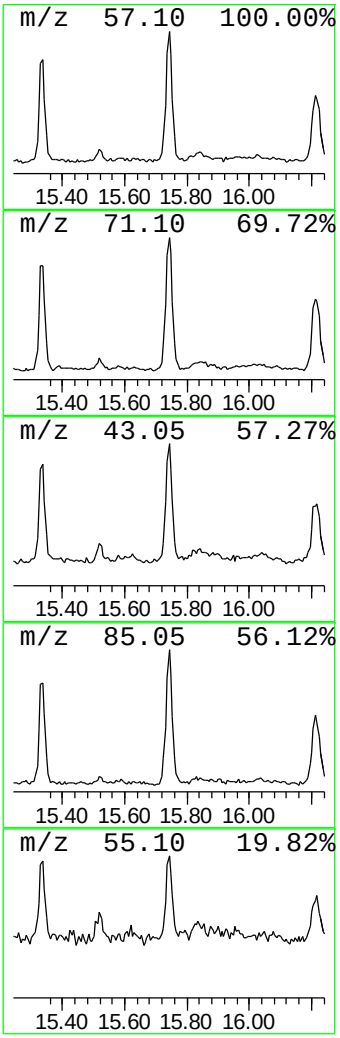
****

Peak Number 5 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	4.46 ng	293438	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-1A-C-090718-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

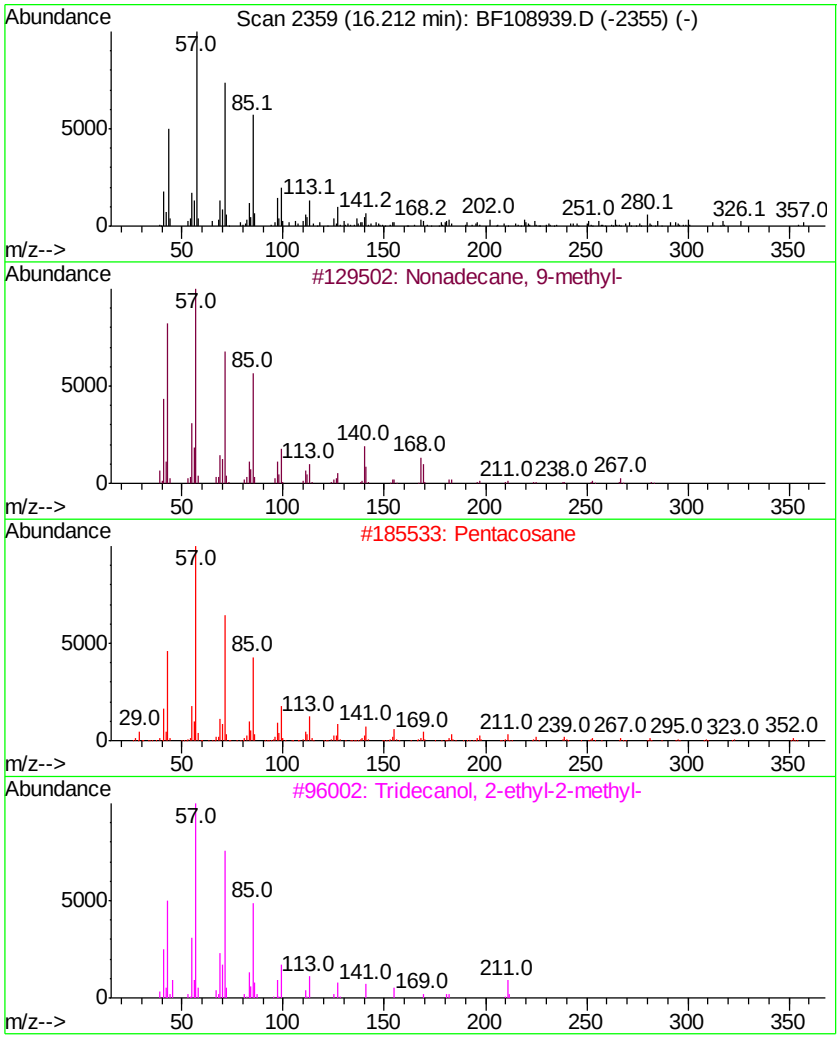
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

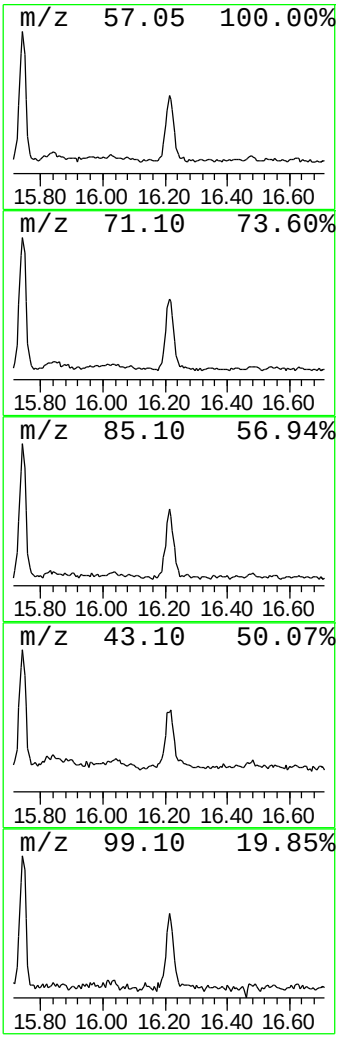
****

Peak Number 6 Nonadecane, 9-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.21	2.37 ng	156226	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	94
2	Pentacosane	352	C25H52	000629-99-2	91
3	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	91
4	Eicosane	282	C20H42	000112-95-8	90
5	Triacontane	422	C30H62	000638-68-6	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091118\
Data File : BF108939.D
Acq On : 11 Sep 2018 17:03
Operator : JU/SJ
Sample : J4838-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-1A-C-090718-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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
unknown6.50	6.50	24.1	ng	1295970	1	6.74	1075730	20.0
n-Hexadecanoic acid	11.78	2.0	ng	134467	4	11.24	1313120	20.0
Eicosane	14.98	2.8	ng	184896	6	15.28	1317180	20.0
Heptadecane	15.74	4.5	ng	293438	6	15.28	1317180	20.0
Nonadecane, 9-met...	16.21	2.4	ng	156226	6	15.28	1317180	20.0