LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
Data File : BF100581.D
Acq On : 15 Nov 2017 12:08
Operator : SJ/JU
Sample : I6307-05 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-111017-C

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:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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	4.069	329	337	344	rBV3	17722	31523	1.93%	0.230%
2	4.528	410	415	417	rBV	15415	19446	1.19%	0.142%
3	5.022	490	499	502	rBV	28760	43588	2.67%	0.318%
4	5.051	502	504	508	rVB2	19406	18782	1.15%	0.137%
5	5.093	508	511	517	rBV2	63851	73449	4.50%	0.535%
6	5.298	542	546	549	rBV2	21782	27945	1.71%	0.204%
7	5.381	556	560	562	rBV2	22685	23632	1.45%	0.172%
8	5.487	574	578	582	rVB	381891	339307	20.81%	2.473%
9	5.728	617	619	624	rBV2	14894	18378	1.13%	0.134%
10	6.134	682	688	693	rBV3	17513	29994	1.84%	0.219%
11	6.416	732	736	739	rBV4	15551	20745	1.27%	0.151%
12	6.492	745	749	754	rVB	396281	322836	19.80%	2.353%
13	6.645	771	775	778	rVB	380013	321579	19.72%	2.344%
14	6.881	811	815	819	rBV	857171	704787	43.22%	5.137%
15	7.034	837	841	844	rBV	316138	265898	16.31%	1.938%
16	7.275	875	882	885	rBV4	18579	22879	1.40%	0.167%
17	7.410	899	905	907	rBV4	15335	22442	1.38%	0.164%
18	7.439	907	910	913	rVV	204488	193192	11.85%	1.408%
19	7.469	913	915	920	rVV	22472	23379	1.43%	0.170%
20	7.522	920	924	927	rVB4	16033	22404	1.37%	0.163%
21	8.163	1026	1033	1036	rBV	1149414	955628	58.61%	6.966%
22	8.216	1039	1042	1045	rVB2	20809	19595	1.20%	0.143%
23	8.451	1077	1082	1087	rBV5	14769	21619	1.33%	0.158%
24	8.745	1130	1132	1137	rVB2	33040	26706	1.64%	0.195%
25	9.181	1203	1206	1208	rBV	18945	17510	1.07%	0.128%
26	9.233	1211	1215	1218	rBV	531801	391870	24.03%	2.856%
27	9.310	1225	1228	1231	rBV	48205	41831	2.57%	0.305%
28	9.628	1279	1282	1285	rBV2	86644	80367	4.93%	0.586%
29	9.839	1311	1318	1321	rBV	51284	54308	3.33%	0.396%
30	9.916	1324	1331	1335	rVV2	1118610	983830	60.33%	7.171%
31	9.951	1335	1337	1340	rVB	29506	22633	1.39%	0.165%
32	10.069	1352	1357	1361	rBV5	9186	18314	1.12%	0.133%
33	10.122	1361	1366	1370	rVV3	22919	31940	1.96%	0.233%
34	10.157	1370	1372	1377	rVV5	15584	20596	1.26%	0.150%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
Data File : BF100581.D
Acq On : 15 Nov 2017 12:08
Operator : SJ/JU
Sample : I6307-05 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-111017-C

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:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.322	1396	1400	1401	rBV3	17583	22055	1.35%	0.161%
36	10.339	1401	1403	1406	rVB	63180	44320	2.72%	0.323%
37	10.463	1420	1424	1427	rVB	30481	27990	1.72%	0.204%
38	10.557	1437	1440	1445	rVB3	23351	28702	1.76%	0.209%
39	10.698	1461	1464	1468	rVB	229500	189665	11.63%	1.383%
40	10.810	1480	1483	1489	rBV	59391	86287	5.29%	0.629%
41	11.263	1553	1560	1562	rBV	57661	57900	3.55%	0.422%
42	11.292	1562	1565	1571	rVB4	31695	40782	2.50%	0.297%
43	11.404	1580	1584	1586	rBV	1027817	903948	55.44%	6.589%
44	11.427	1586	1588	1591	rVV	206465	168100	10.31%	1.225%
45	11.474	1594	1596	1599	rVB	33197	25073	1.54%	0.183%
46	11.627	1619	1622	1626	rVB2	15486	17552	1.08%	0.128%
47	11.686	1629	1632	1635	rBV	60472	47622	2.92%	0.347%
48	11.786	1646	1649	1652	rBV	636690	480183	29.45%	3.500%
49	11.927	1665	1673	1676	rBV2	30554	59927	3.68%	0.437%
50	12.010	1684	1687	1690	rBV2	22921	24873	1.53%	0.181%
51	12.092	1698	1701	1706	rBV	60634	53483	3.28%	0.390%
52	12.198	1715	1719	1721	rBV2	17889	19733	1.21%	0.144%
53	12.474	1762	1766	1768	rBV	1792113	1630617	100.00%	11.886%
54	12.492	1768	1769	1776	rVV2	1217649	1048423	64.30%	7.642%
55	12.580	1780	1784	1787	rBV	240700	202168	12.40%	1.474%
56	12.610	1787	1789	1793	rVB	184557	162294	9.95%	1.183%
57	12.798	1818	1821	1824	rBV	209059	168584	10.34%	1.229%
58	12.845	1824	1829	1832	rVB2	129265	161087	9.88%	1.174%
59	12.980	1846	1852	1855	rBV	341853	292254	17.92%	2.130%
60	13.063	1862	1866	1868	rBV5	13259	22378	1.37%	0.163%
61	13.145	1877	1880	1881	rBV3	16635	17382	1.07%	0.127%
62	13.168	1881	1884	1887	rVB2	25874	27178	1.67%	0.198%
63	13.210	1887	1891	1893	rBV	43060	43622	2.68%	0.318%
64	13.504	1938	1941	1945	rVB	136004	110904	6.80%	0.808%
65	13.551	1945	1949	1951	rBV	55788	54951	3.37%	0.401%
66	13.874	2001	2004	2007	rVB3	68965	61229	3.75%	0.446%
67	13.974	2018	2021	2024	rBV5	16299	22885	1.40%	0.167%
68	14.039	2027	2032	2035	rVV	727174	718445	44.06%	5.237%
69	14.063	2035	2036	2038	rVB	63583	33047	2.03%	0.241%
70	14.192	2054	2058	2061	rBV	89553	94981	5.82%	0.692%
71	14.292	2073	2075	2079	rBV3	19225	19618	1.20%	0.143%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
Data File : BF100581.D
Acq On : 15 Nov 2017 12:08
Operator : SJ/JU
Sample : I6307-05 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-111017-C

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:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.498	2107	2110	2115	rVB	87144	86307	5.29%	0.629%
73	14.804	2159	2162	2165	rBV	83054	86408	5.30%	0.630%
74	15.080	2205	2209	2216	rBV	61961	121053	7.42%	0.882%
75	15.145	2217	2220	2226	rVB2	92990	103250	6.33%	0.753%
76	15.515	2278	2283	2292	rVB	578477	818001	50.17%	5.963%
77	15.968	2357	2360	2365	rVB	65451	80623	4.94%	0.588%

Sum of corrected areas: 13718816

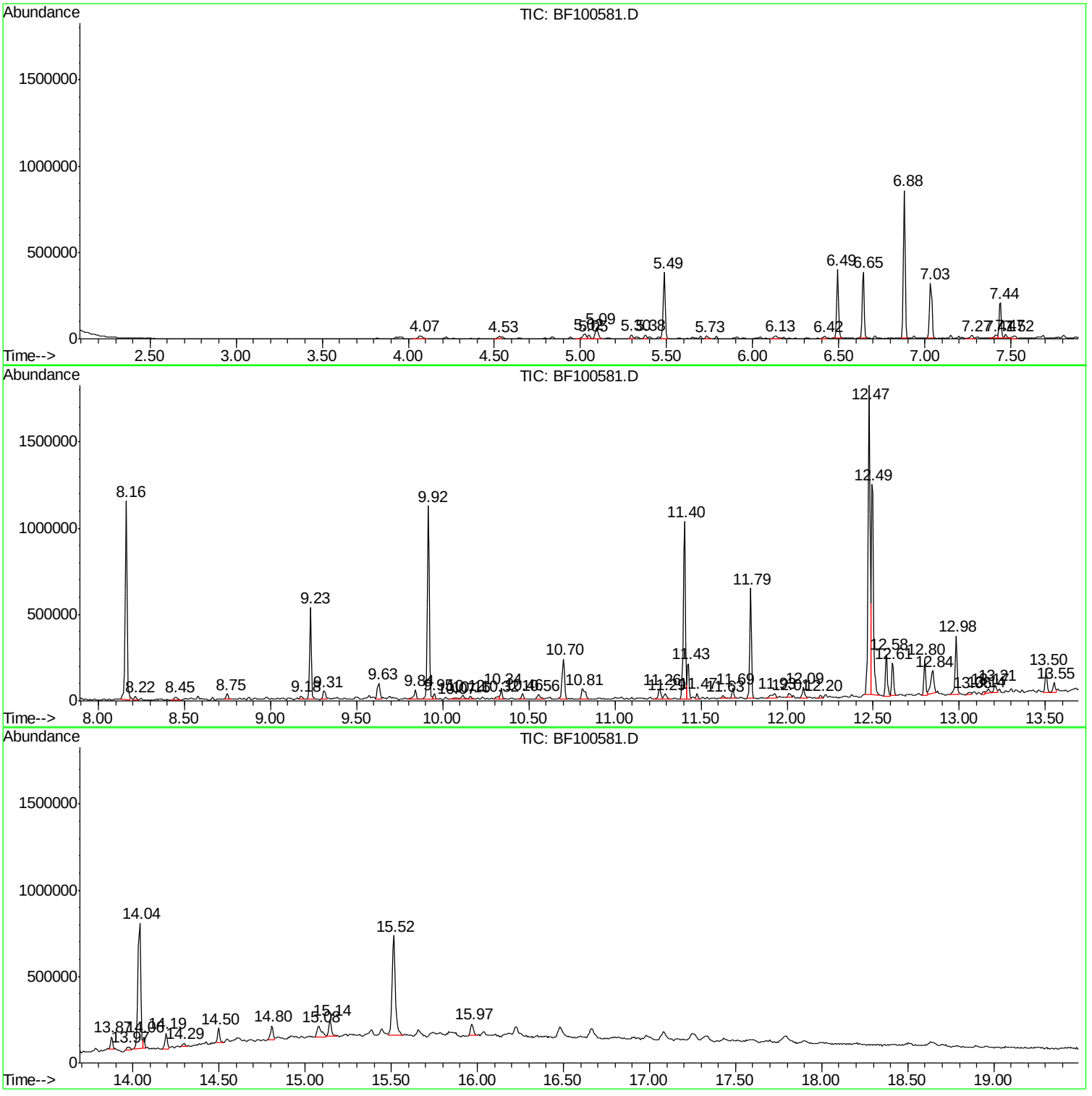
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
Data File : BF100581.D
Acq On : 15 Nov 2017 12:08
Operator : SJ/JU
Sample : I6307-05 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-111017-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
Data File : BF100581.D
Acq On : 15 Nov 2017 12:08
Operator : SJ/JU
Sample : I6307-05 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-111017-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

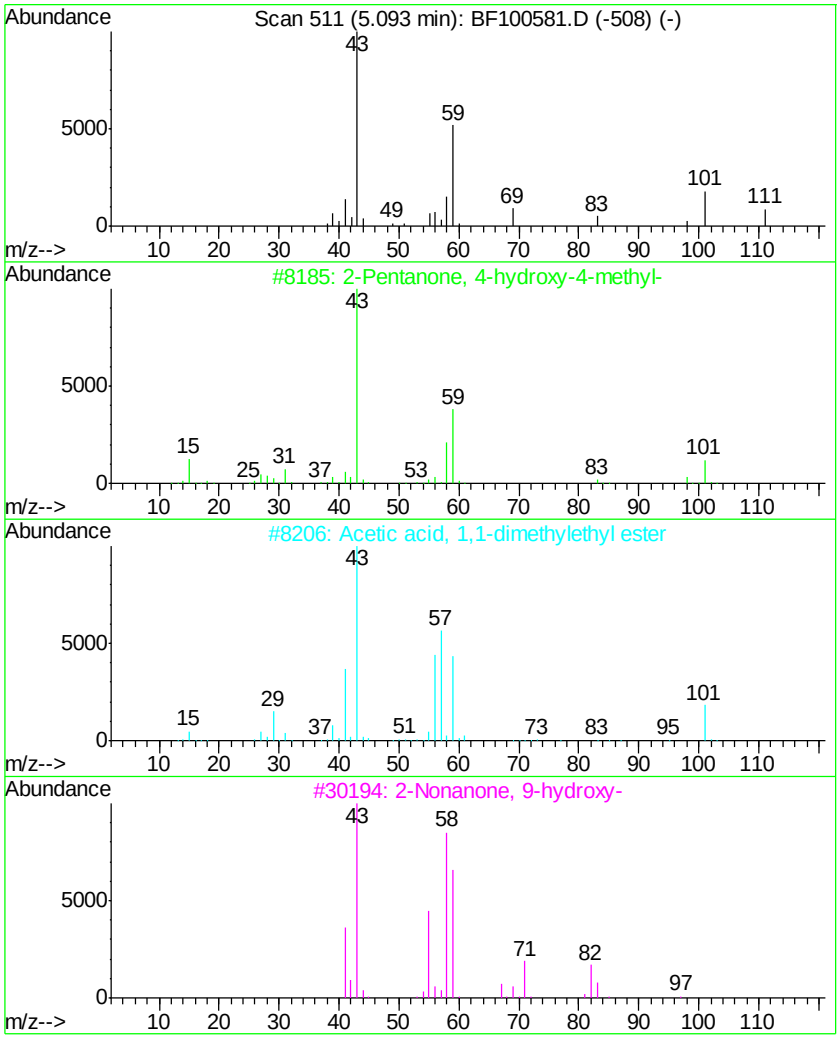
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

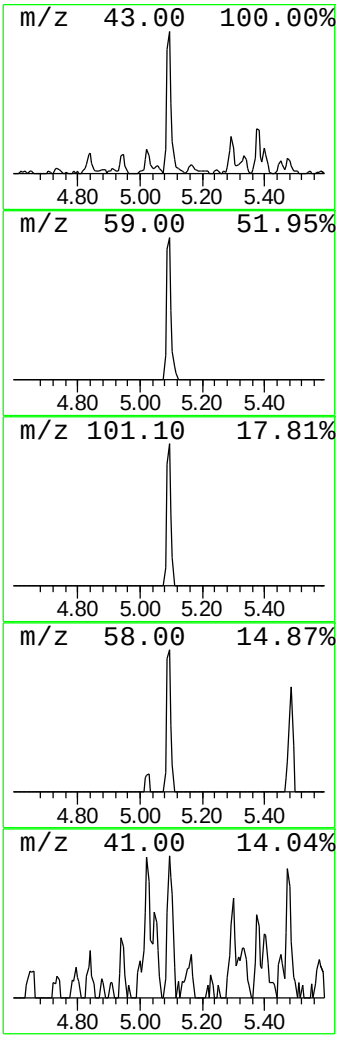
****

Peak Number 1 unknown5.09 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	2.08 ng	73449	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
3	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	33
4	Ethane-1,2-diimine, N,N'-diamino-	86	C2H6N4	1000197-11-5	10
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
Data File : BF100581.D
Acq On : 15 Nov 2017 12:08
Operator : SJ/JU
Sample : I6307-05 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-111017-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

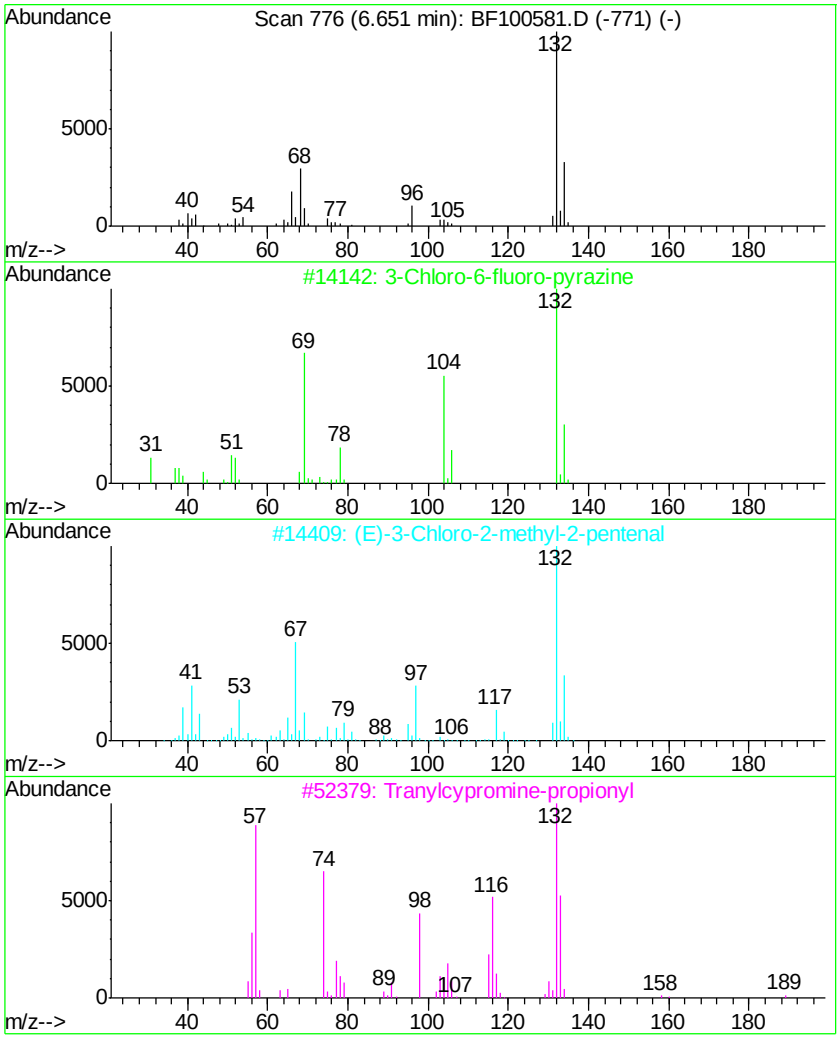
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

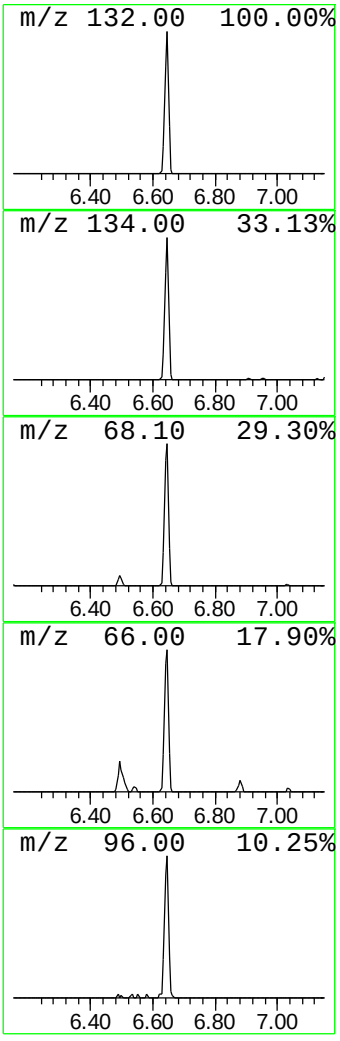
****

Peak Number 2 unknown6.65 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	9.13 ng	321579	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
Data File : BF100581.D
Acq On : 15 Nov 2017 12:08
Operator : SJ/JU
Sample : I6307-05 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-111017-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

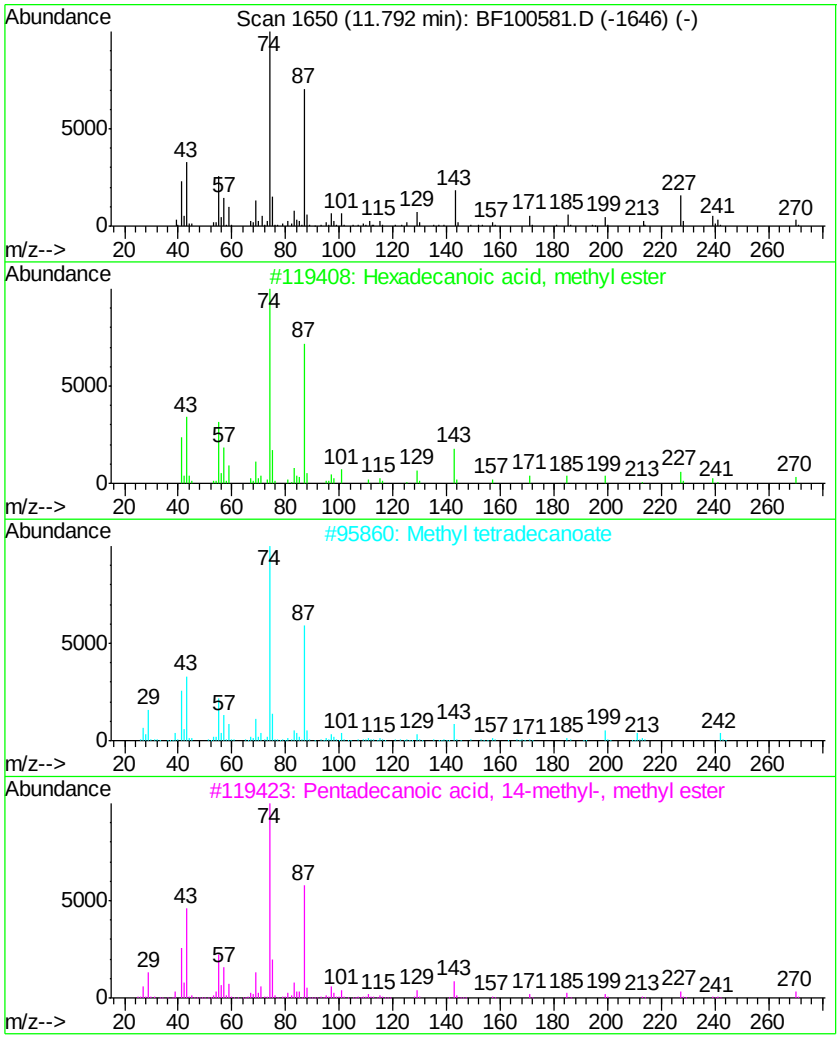
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

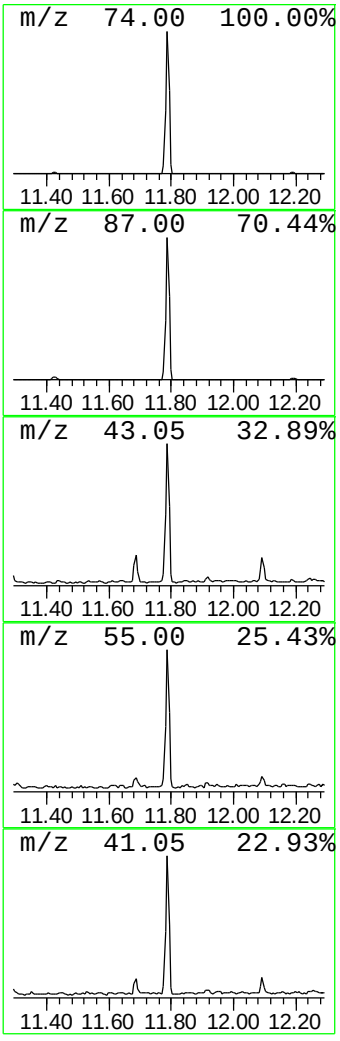
****

Peak Number 4 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	10.62 ng	480183	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	95
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	87
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
Data File : BF100581.D
Acq On : 15 Nov 2017 12:08
Operator : SJ/JU
Sample : I6307-05 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-111017-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

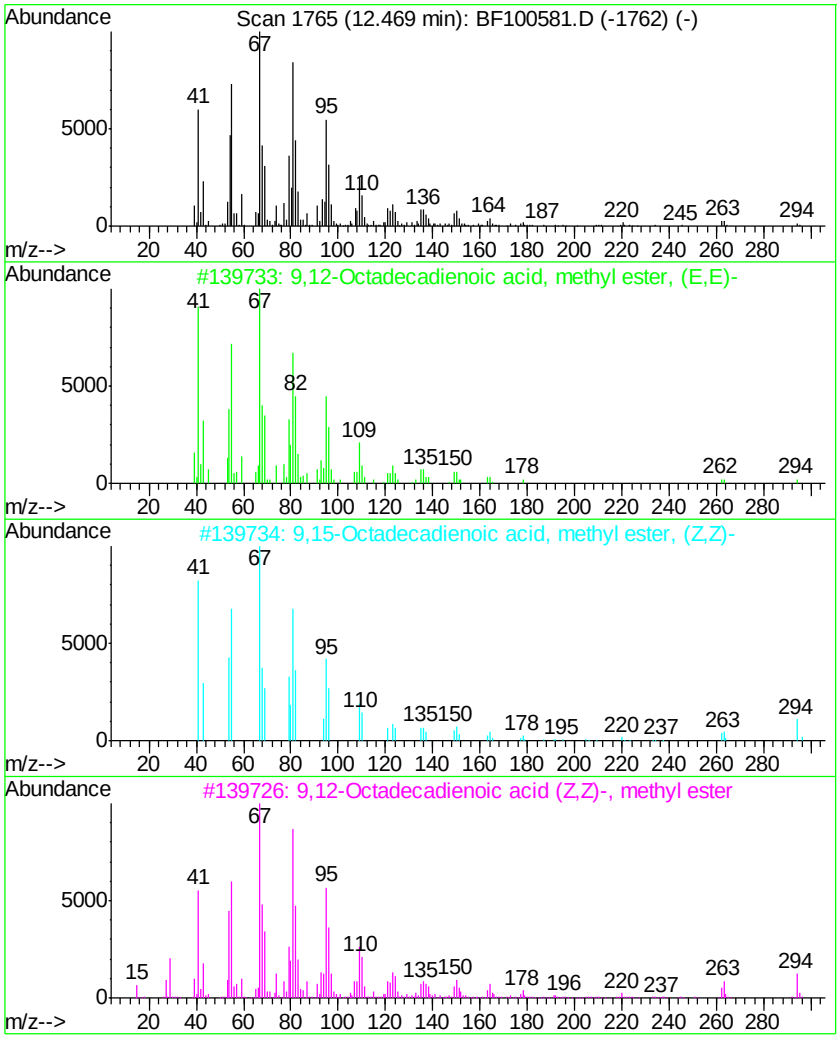
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

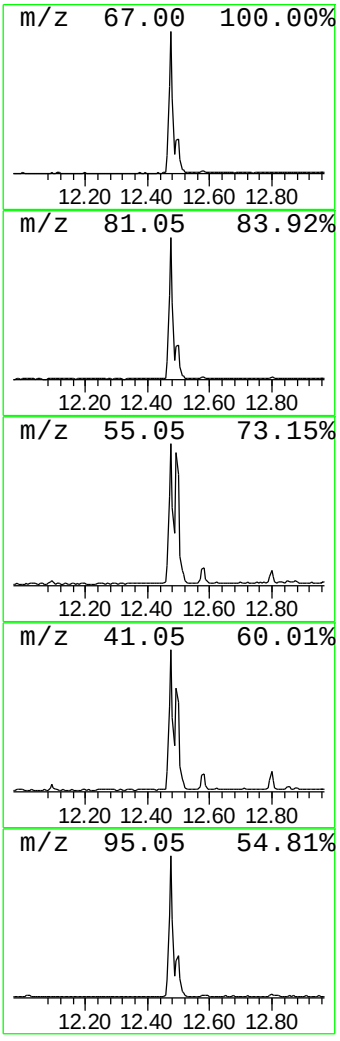
****

Peak Number 5 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	36.08 ng	1630620	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
Data File : BF100581.D
Acq On : 15 Nov 2017 12:08
Operator : SJ/JU
Sample : I6307-05 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-111017-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

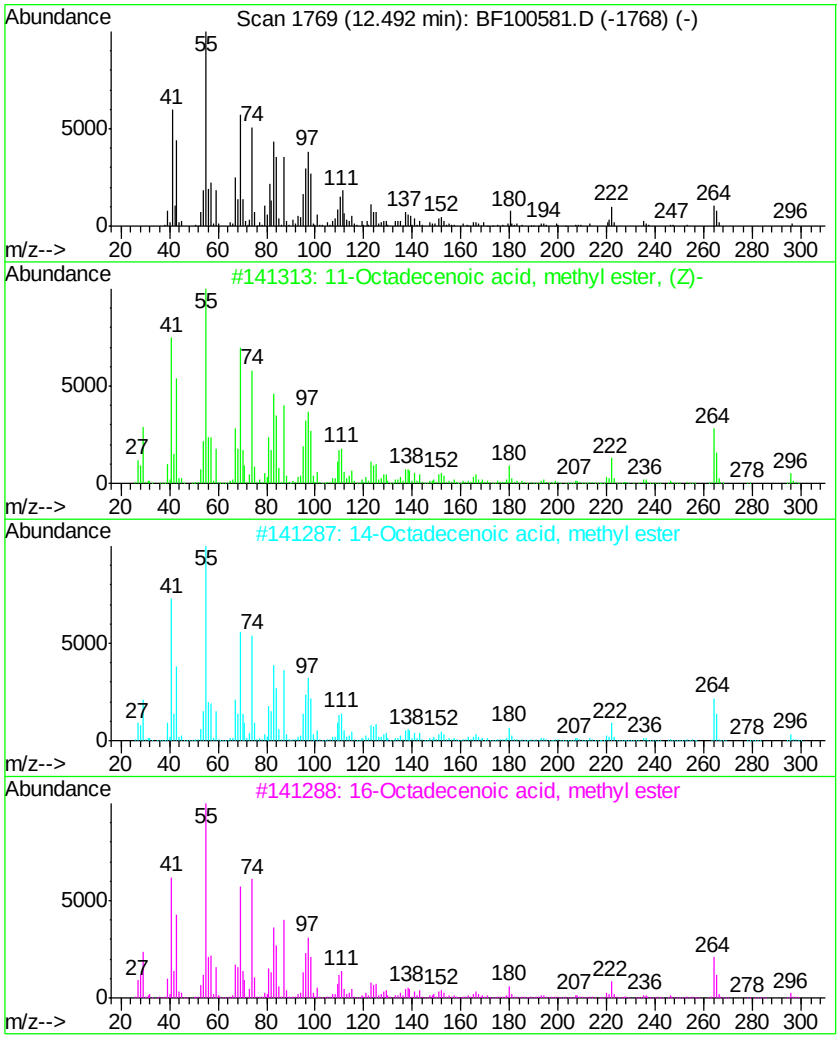
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

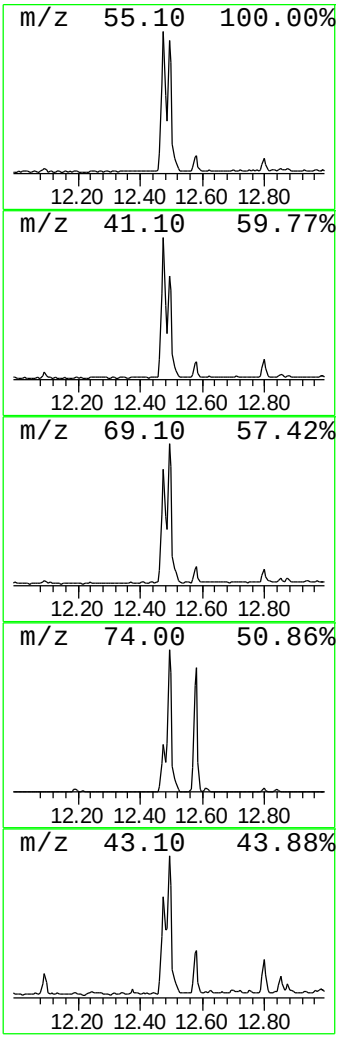
****

Peak Number 6 11-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	23.20 ng	1048420	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
2	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
3	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
4	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
Data File : BF100581.D
Acq On : 15 Nov 2017 12:08
Operator : SJ/JU
Sample : I6307-05 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-111017-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

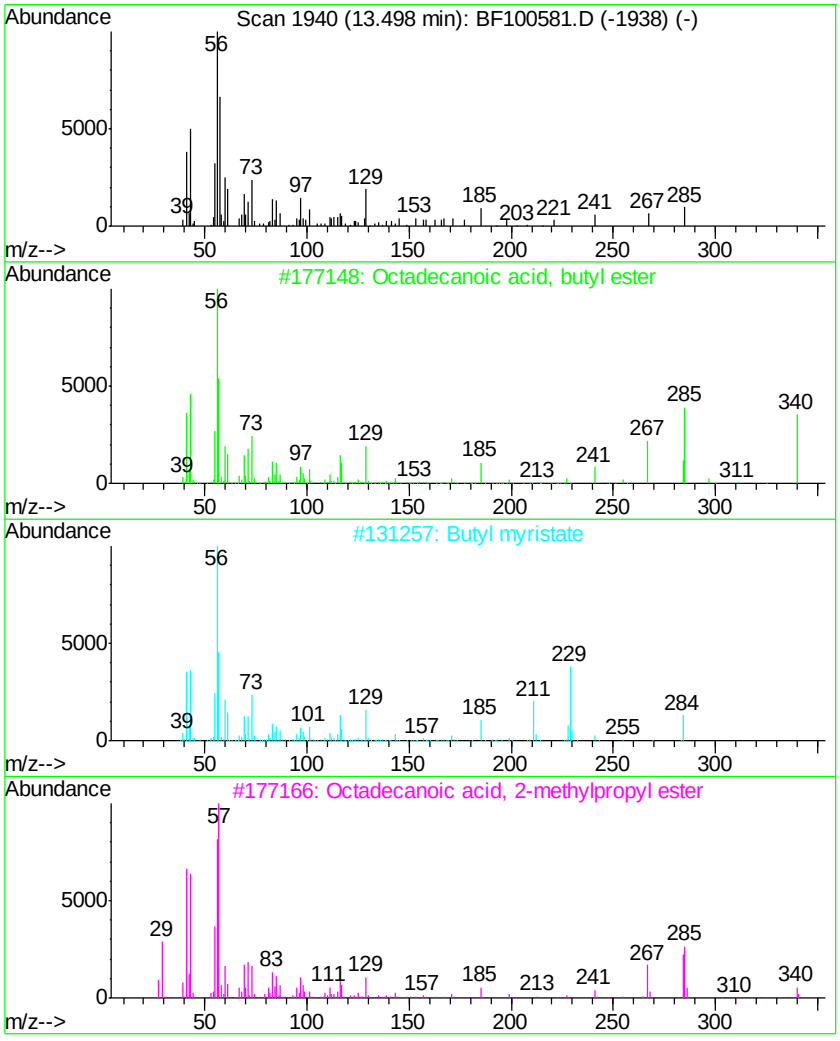
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

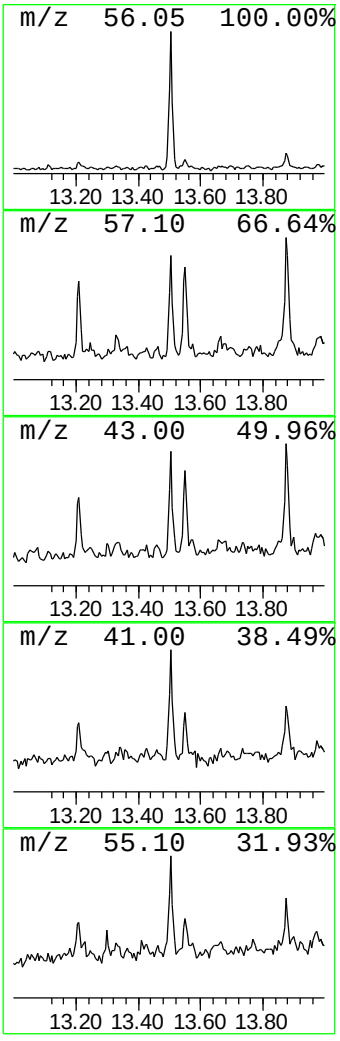
****

Peak Number 7 Octadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	3.09 ng	110904	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	93
2	Butyl myristate	284	C18H36O2	000110-36-1	58
3	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	46
4	Cyclohexanol, 4-amino-, trans-	115	C6H13NO	027489-62-9	27
5	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	27





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
Data File : BF100581.D
Acq On : 15 Nov 2017 12:08
Operator : SJ/JU
Sample : I6307-05 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-111017-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

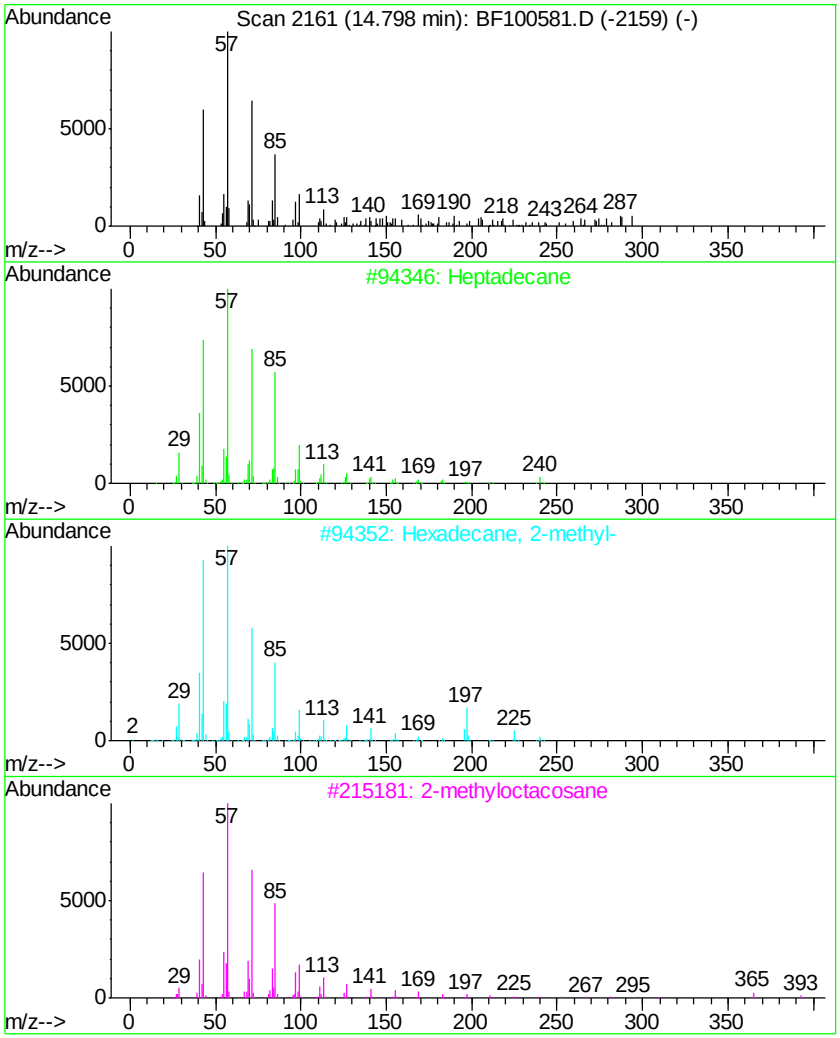
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

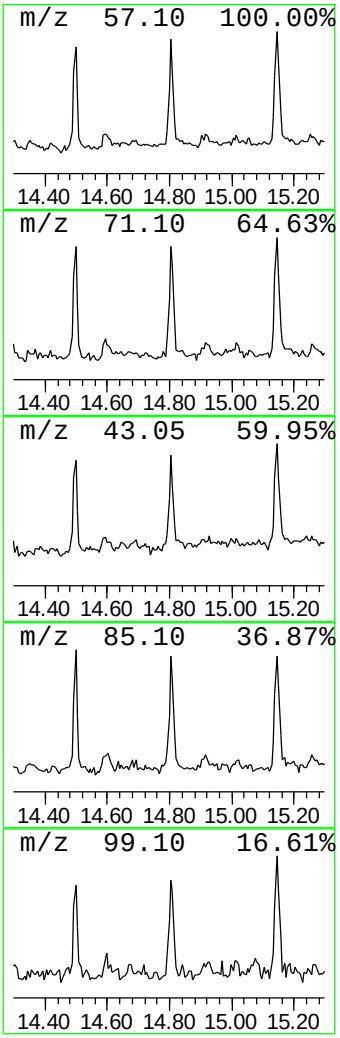
****

Peak Number 10 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	2.11 ng	86408	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	86





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
Data File : BF100581.D
Acq On : 15 Nov 2017 12:08
Operator : SJ/JU
Sample : I6307-05 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-111017-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

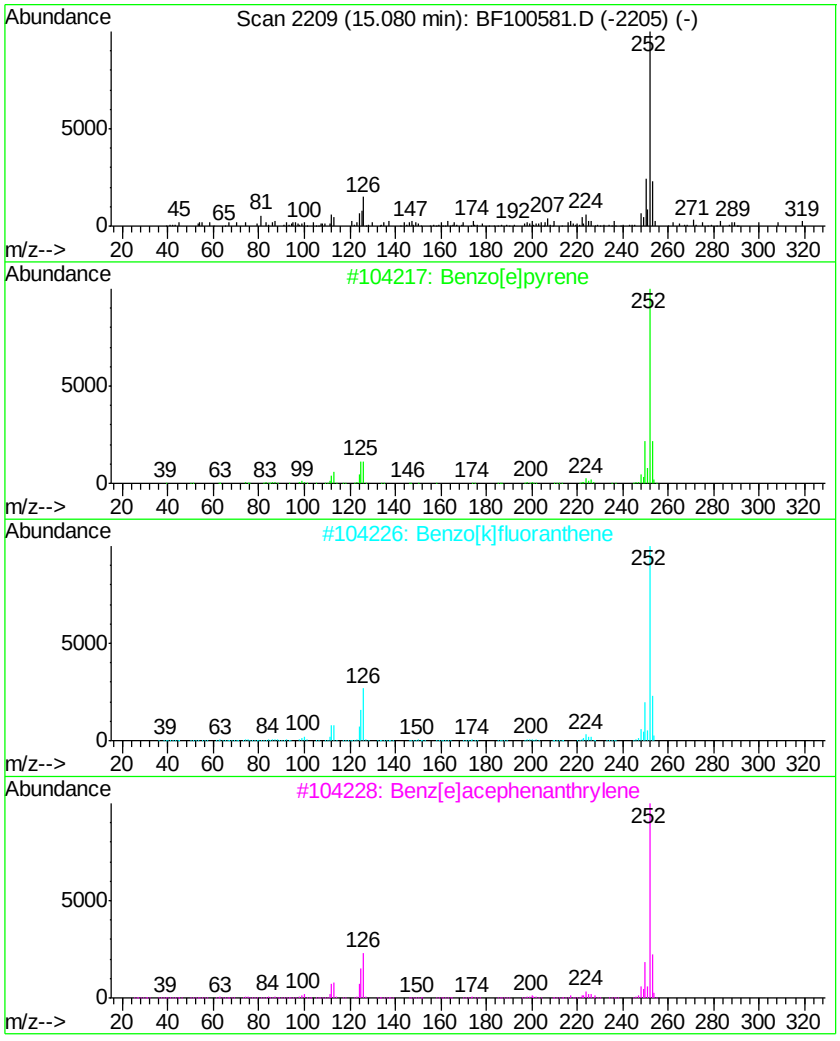
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

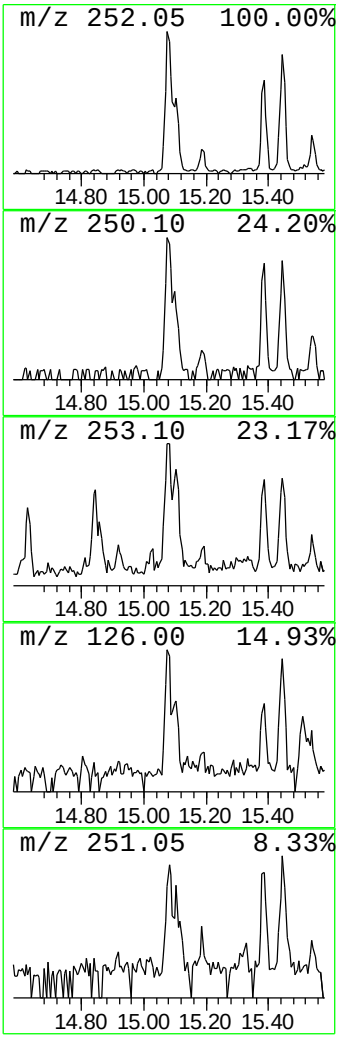
****

Peak Number 11 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	2.96 ng	121053	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
Data File : BF100581.D
Acq On : 15 Nov 2017 12:08
Operator : SJ/JU
Sample : I6307-05 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-111017-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

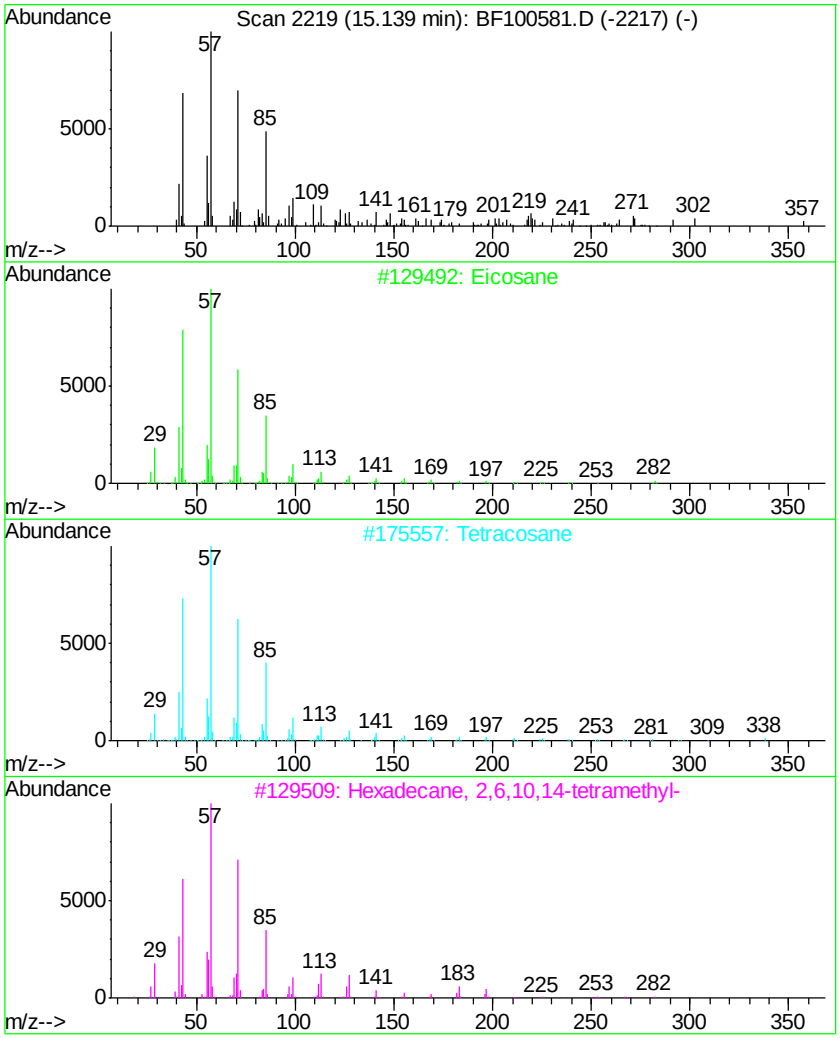
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

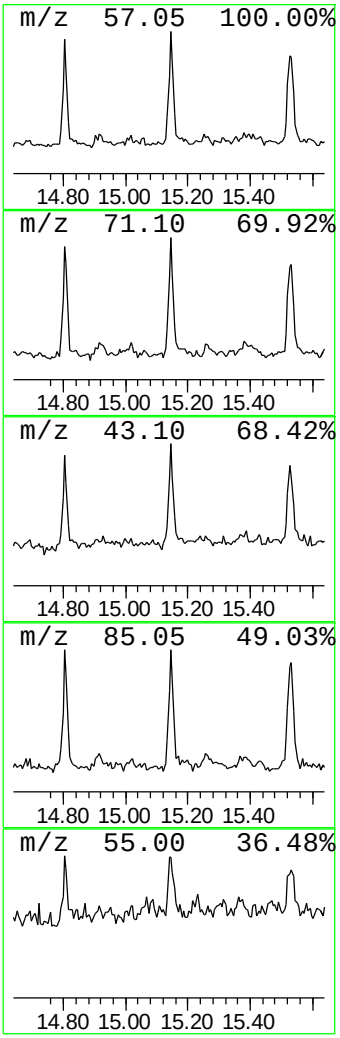
****

Peak Number 12 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	2.52 ng	103250	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Tetracosane	338	C24H50	000646-31-1	83
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
4	Octacosane	394	C28H58	000630-02-4	83
5	Heptadecane	240	C17H36	000629-78-7	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
Data File : BF100581.D
Acq On : 15 Nov 2017 12:08
Operator : SJ/JU
Sample : I6307-05 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-111017-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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
unknown5.09	5.09	2.1	ng	73449	1	6.88	704787	20.0
unknown6.65	6.65	9.1	ng	321579	1	6.88	704787	20.0
Hexadecanoic acid...	11.79	10.6	ng	480183	4	11.40	903948	20.0
9,12-Octadecadien...	12.47	36.1	ng	1630620	4	11.40	903948	20.0
11-Octadecenoic a...	12.49	23.2	ng	1048420	4	11.40	903948	20.0
Octadecanoic acid...	13.50	3.1	ng	110904	5	14.04	718445	20.0
Heptadecane	14.80	2.1	ng	86408	6	15.52	818001	20.0
Benzo[e]pyrene	15.08	3.0	ng	121053	6	15.52	818001	20.0
Eicosane	15.14	2.5	ng	103250	6	15.52	818001	20.0