LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102509.D
Acq On : 27 Jan 2018 14:38
Operator : SJ/JU
Sample : J1018-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-012518

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-BF012218.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	3.681	266	271	278	rVB	74153	111950	2.84%	0.325%
2	4.922	479	482	490	rVB	90872	134483	3.41%	0.390%
3	5.328	546	551	571	rBV	3505140	3945022	100.00%	11.438%
4	6.363	721	727	738	rBV	3404790	3894881	98.73%	11.293%
5	6.487	743	748	751	rBV	4136920	3812212	96.63%	11.053%
6	6.710	783	786	794	rBV	1153446	1001660	25.39%	2.904%
7	6.869	808	813	816	rBV	3205102	2789174	70.70%	8.087%
8	7.281	878	883	886	rBV	2400398	2384841	60.45%	6.915%
9	7.304	886	887	892	rVB	73947	54700	1.39%	0.159%
10	7.457	909	913	916	rVB	46672	39954	1.01%	0.116%
11	7.992	998	1004	1013	rBV	1318608	1333455	33.80%	3.866%
12	8.581	1101	1104	1109	rBV	58000	50609	1.28%	0.147%
13	9.069	1182	1187	1191	rBV	3494069	3203982	81.22%	9.290%
14	9.145	1196	1200	1203	rVV	118495	96620	2.45%	0.280%
15	9.404	1241	1244	1249	rBV4	35369	52026	1.32%	0.151%
16	9.463	1249	1254	1257	rBV	339211	293785	7.45%	0.852%
17	9.610	1274	1279	1283	rBV	47740	59477	1.51%	0.172%
18	9.675	1287	1290	1294	rBV	240954	184592	4.68%	0.535%
19	9.745	1298	1302	1306	rBV	1245552	1097491	27.82%	3.182%
20	9.992	1341	1344	1348	rVB4	55650	57169	1.45%	0.166%
21	10.175	1372	1375	1377	rBV	274212	193609	4.91%	0.561%
22	10.392	1407	1412	1418	rBV	71346	93544	2.37%	0.271%
23	10.539	1433	1437	1446	rVB	1600649	1564655	39.66%	4.537%
24	10.645	1452	1455	1464	rVB	228518	249677	6.33%	0.724%
25	11.092	1528	1531	1533	rBV	101153	79663	2.02%	0.231%
26	11.122	1533	1536	1541	rVB3	49891	65312	1.66%	0.189%
27	11.233	1551	1555	1557	rBV	875414	823688	20.88%	2.388%
28	11.257	1557	1559	1562	rVV	188961	173390	4.40%	0.503%
29	11.310	1565	1568	1571	rVB	44306	43240	1.10%	0.125%
30	11.522	1601	1604	1606	rVB	54956	47605	1.21%	0.138%
31	11.622	1618	1621	1623	rBV	56918	41053	1.04%	0.119%
32	11.733	1636	1640	1643	rBV2	36896	42763	1.08%	0.124%
33	11.763	1643	1645	1649	rVB	47667	44693	1.13%	0.130%
34	11.845	1656	1659	1661	rBV3	48536	43048	1.09%	0.125%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102509.D
Acq On : 27 Jan 2018 14:38
Operator : SJ/JU
Sample : J1018-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-012518

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-BF012218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.927	1670	1673	1677	rBV	54582	47611	1.21%	0.138%
36	12.280	1729	1733	1735	rBV2	49499	55188	1.40%	0.160%
37	12.304	1735	1737	1740	rBV2	156607	195340	4.95%	0.566%
38	12.445	1758	1761	1767	rVB	321231	277185	7.03%	0.804%
39	12.674	1794	1800	1806	rBV	290907	387620	9.83%	1.124%
40	12.816	1820	1824	1827	rBV	2276509	1976702	50.11%	5.731%
41	12.886	1833	1836	1842	rBV3	29295	56976	1.44%	0.165%
42	12.998	1849	1855	1859	rBV2	51014	98169	2.49%	0.285%
43	13.045	1860	1863	1865	rVV2	50279	44734	1.13%	0.130%
44	13.386	1918	1921	1924	rVB2	47775	43068	1.09%	0.125%
45	13.710	1973	1976	1981	rVB2	186022	213765	5.42%	0.620%
46	13.868	1999	2003	2006	rBV2	921894	1044916	26.49%	3.030%
47	13.898	2006	2008	2011	rVB	150553	126391	3.20%	0.366%
48	14.892	2174	2177	2184	rBV	170566	284413	7.21%	0.825%
49	15.180	2223	2226	2230	rBV	100224	119486	3.03%	0.346%
50	15.239	2233	2236	2241	rVB	166973	222300	5.63%	0.645%
51	15.304	2242	2247	2251	rBV	712254	932907	23.65%	2.705%
52	15.939	2352	2355	2364	rVB3	143904	259349	6.57%	0.752%

Sum of corrected areas: 34490143

LSC Report - Integrated Chromatogram

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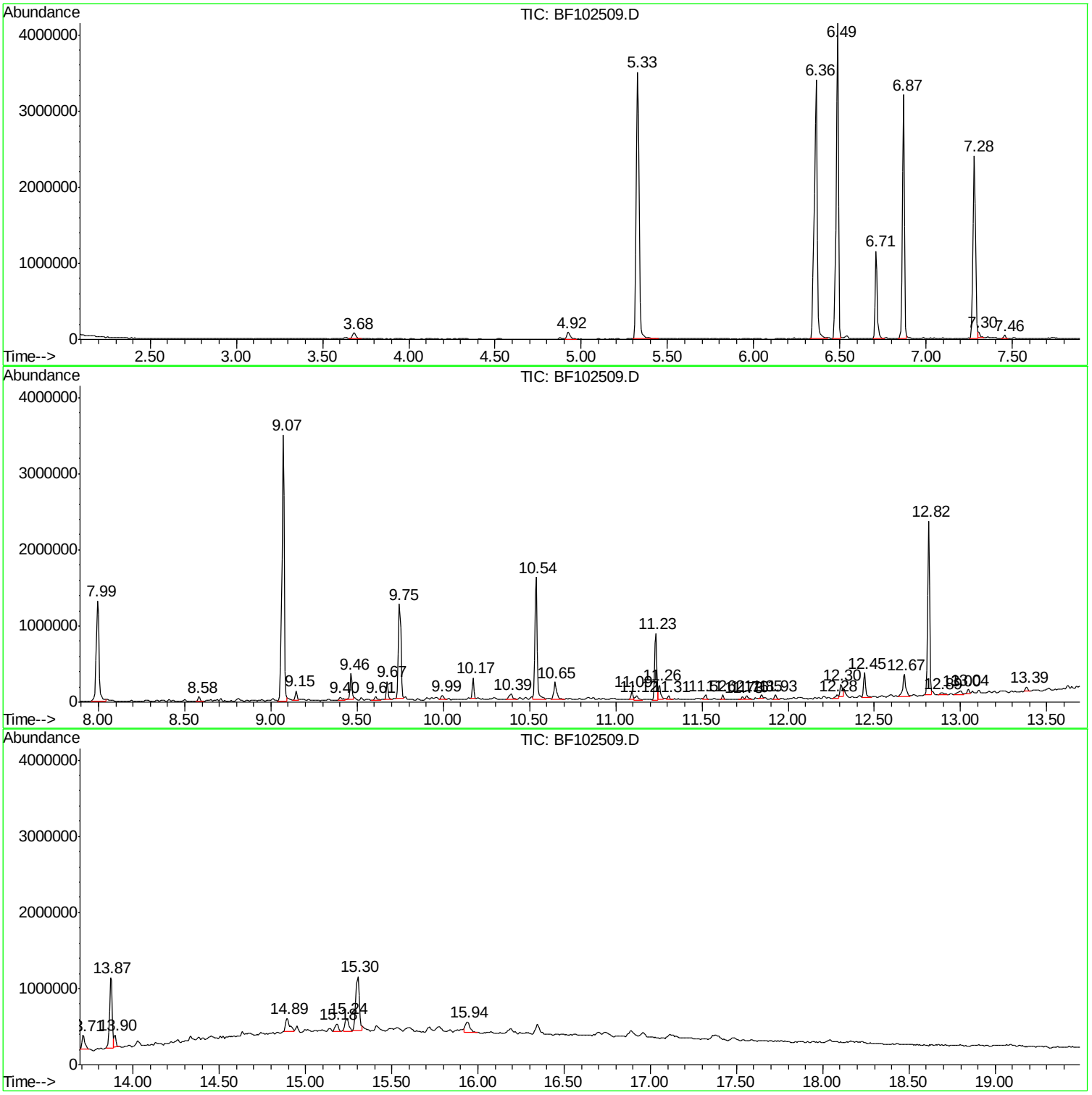
Data File : BF102509.D
Acq On : 27 Jan 2018 14:38
Operator : SJ/JU
Sample : J1018-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-012518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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\BF012718\
Data File : BF102509.D
Acq On : 27 Jan 2018 14:38
Operator : SJ/JU
Sample : J1018-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-012518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

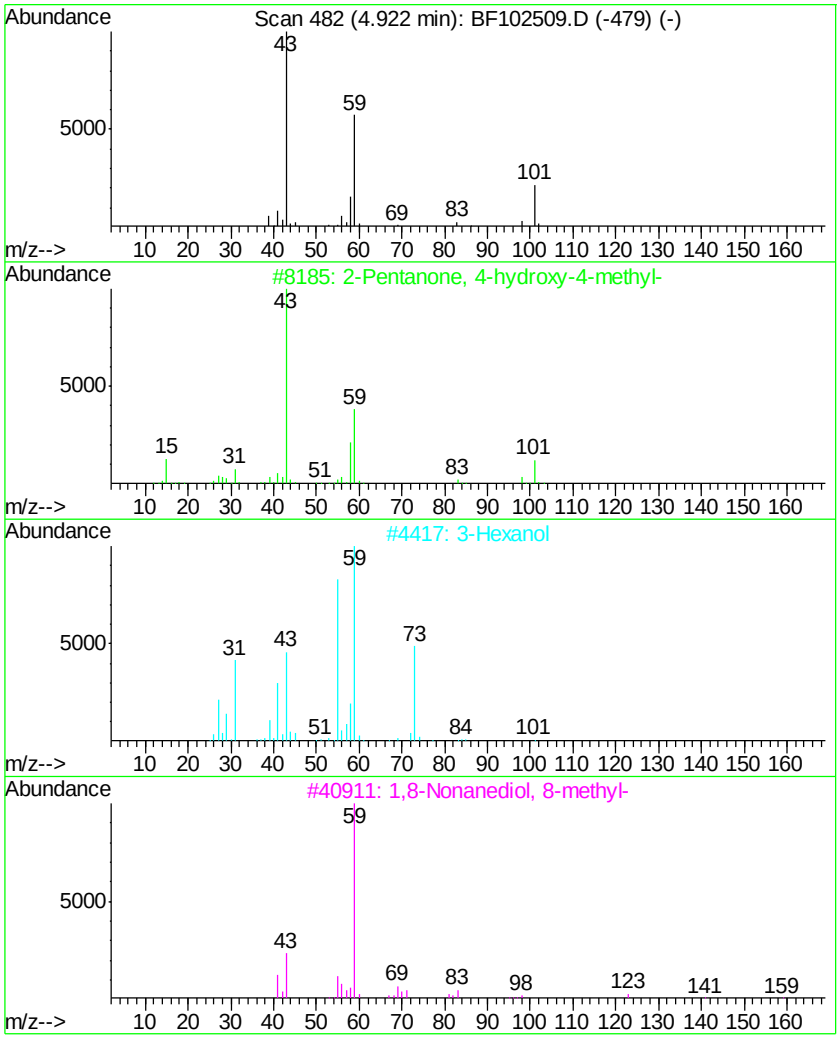
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

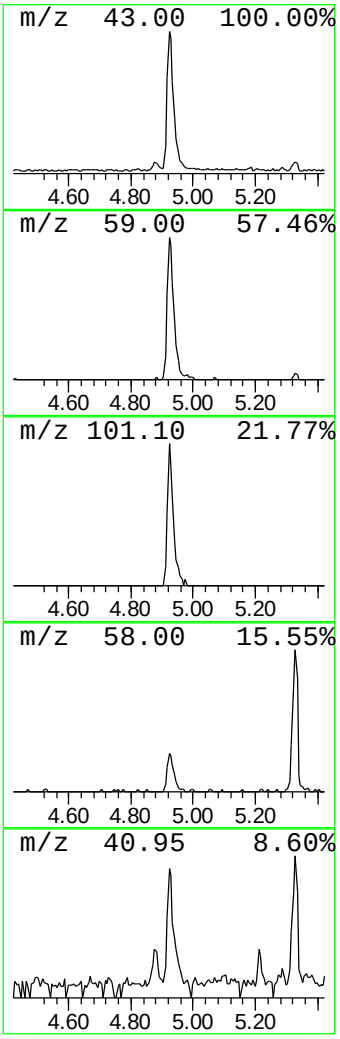
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	2.69 ng	134483	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	3-Hexanol	102	C6H14O	000623-37-0	28
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102509.D
Acq On : 27 Jan 2018 14:38
Operator : SJ/JU
Sample : J1018-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-012518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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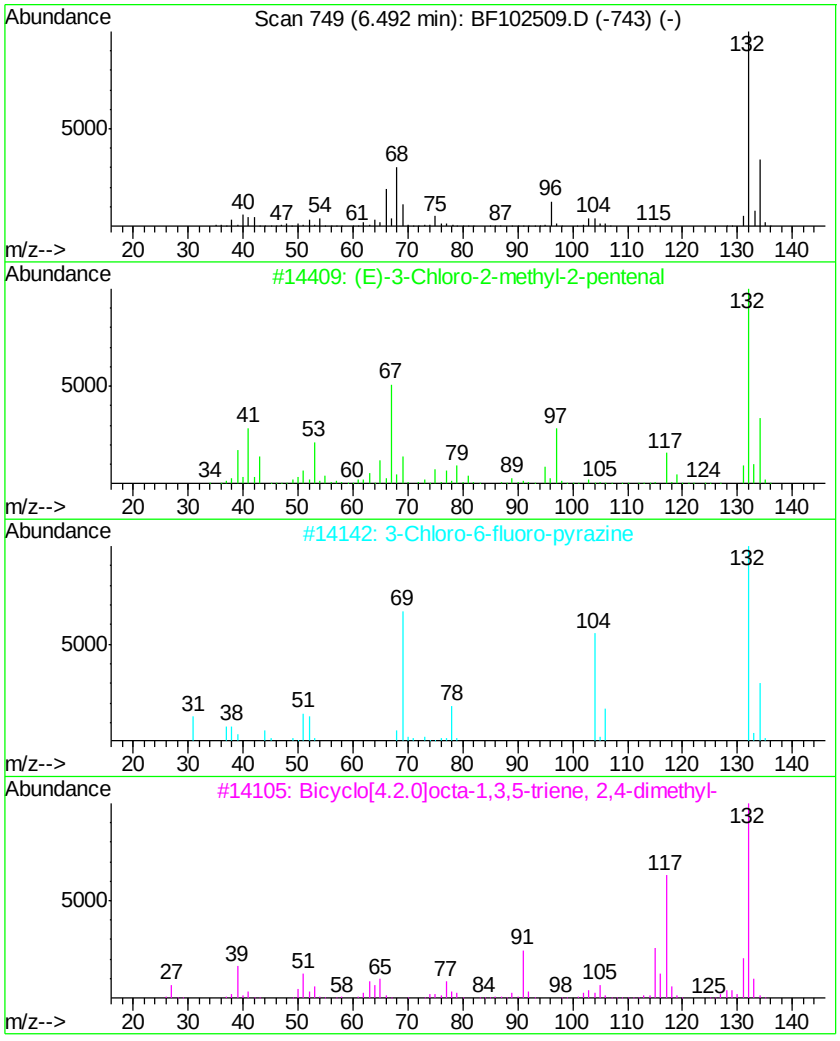
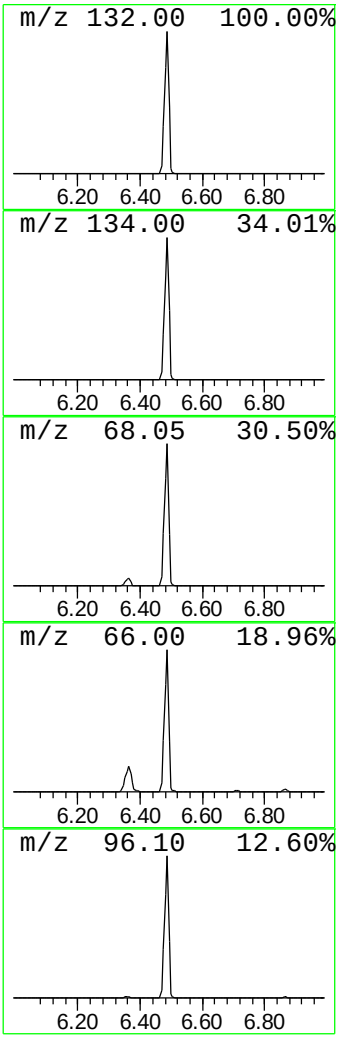
Peak Number 3 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	76.12 ng	3812210	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	5-Aminoindole	132	C8H8N2	005192-03-0	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102509.D
Acq On : 27 Jan 2018 14:38
Operator : SJ/JU
Sample : J1018-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-012518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

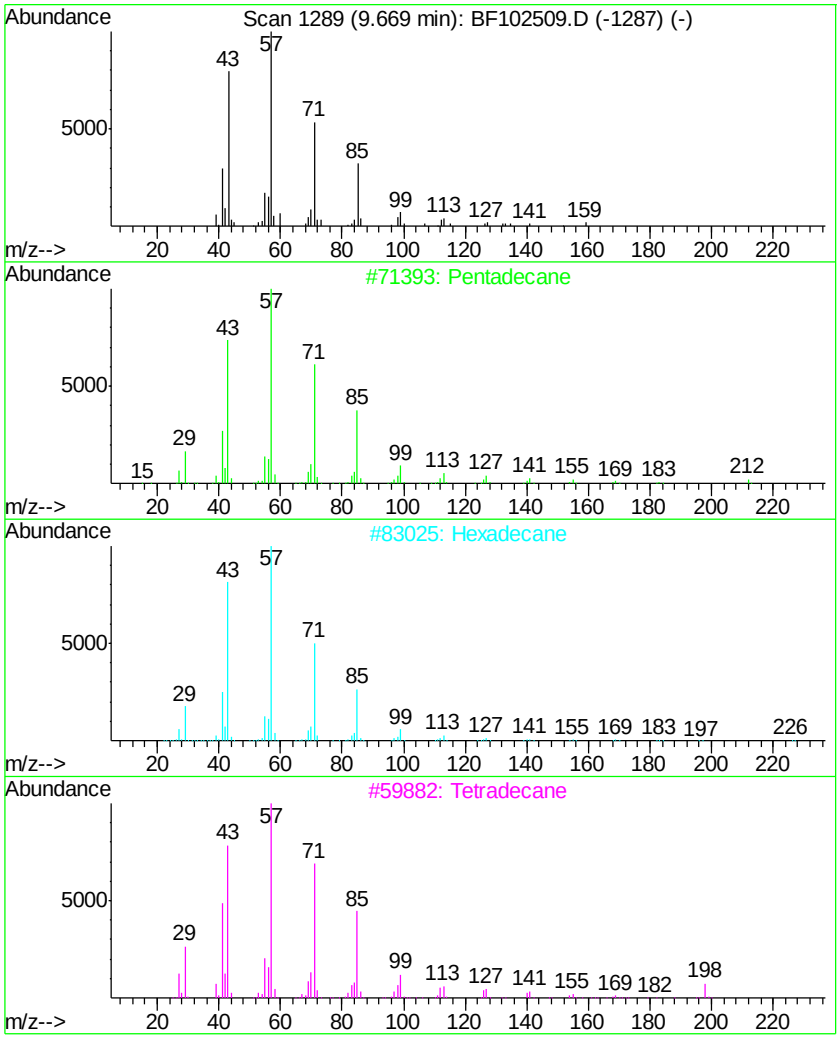
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

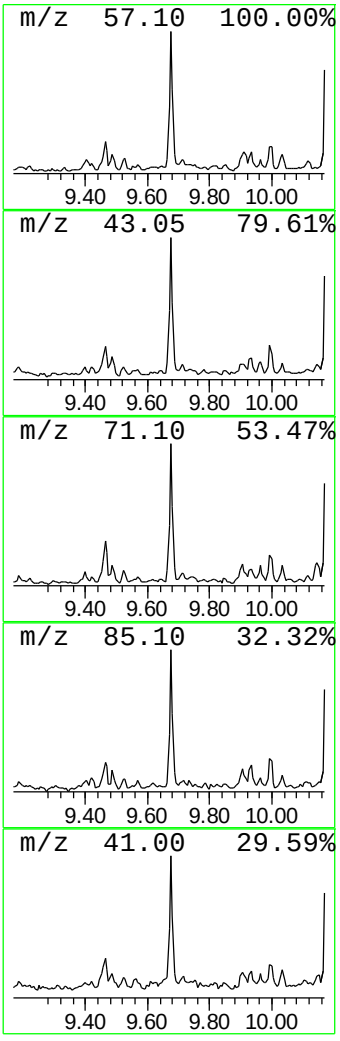
****

Peak Number 5 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	3.36 ng	184592	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Tridecane	184	C13H28	000629-50-5	83
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102509.D
Acq On : 27 Jan 2018 14:38
Operator : SJ/JU
Sample : J1018-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-012518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

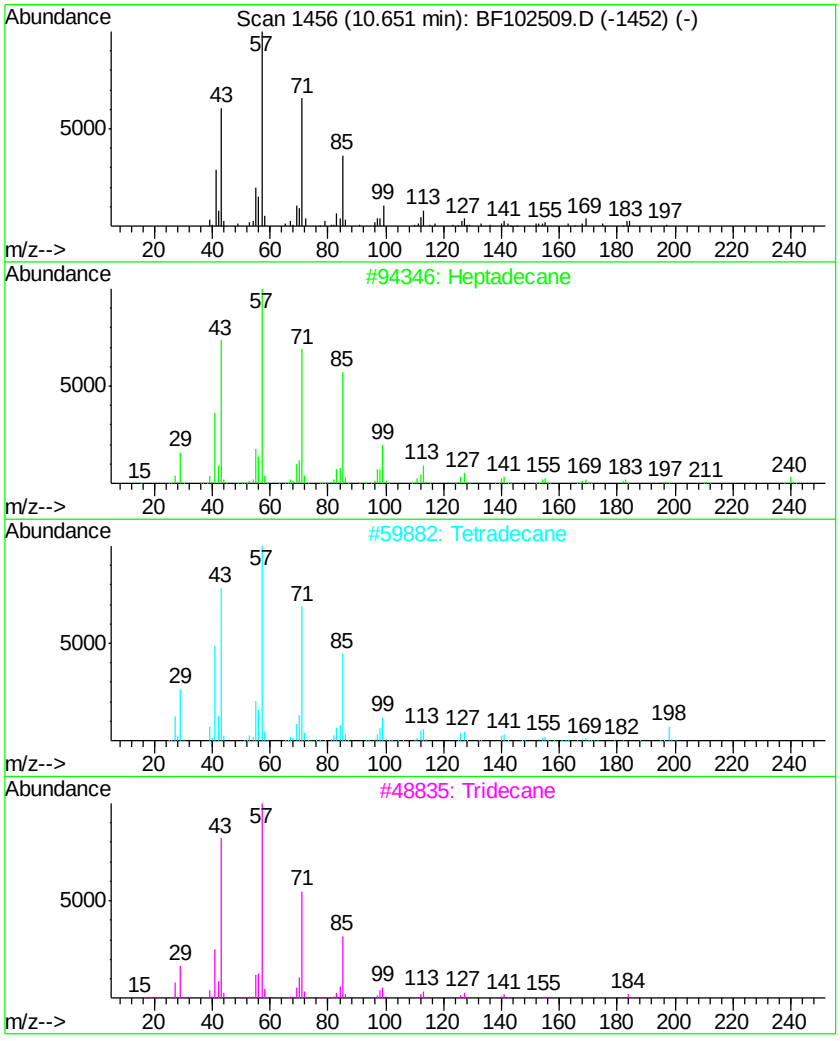
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

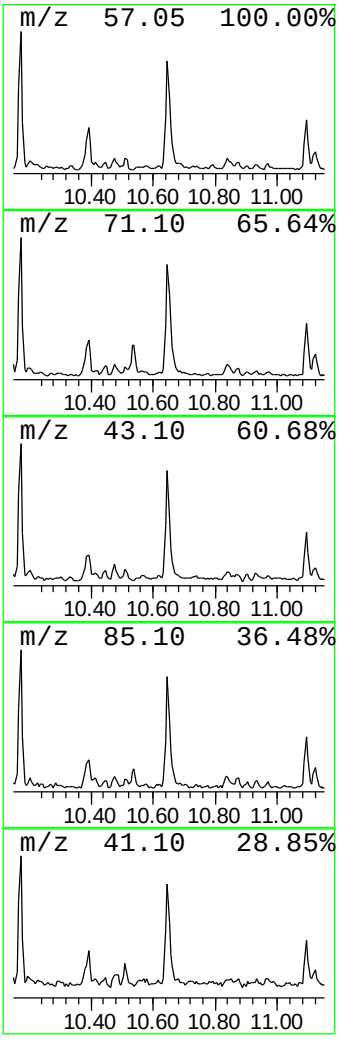
****

Peak Number 7 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	6.06 ng	249677	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Tetradecane	198	C14H30	000629-59-4	90
3	Tridecane	184	C13H28	000629-50-5	90
4	Hexadecane	226	C16H34	000544-76-3	86
5	Pentadecane	212	C15H32	000629-62-9	86





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102509.D
Acq On : 27 Jan 2018 14:38
Operator : SJ/JU
Sample : J1018-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-012518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

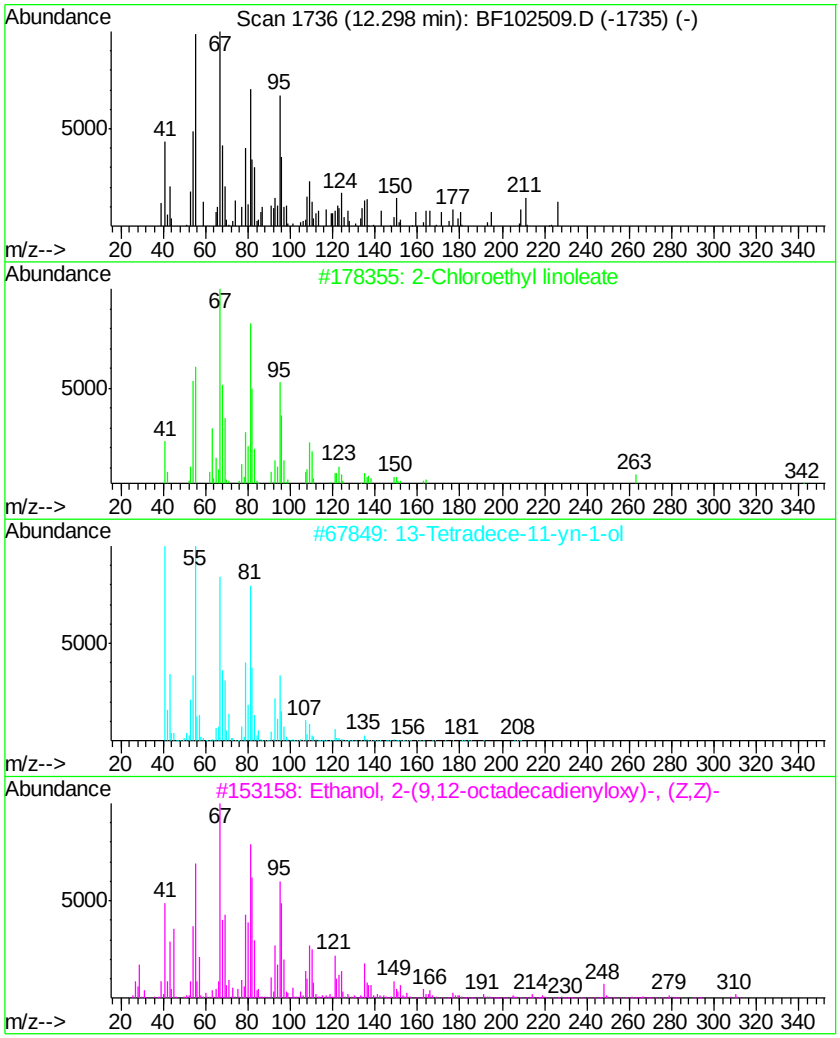
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

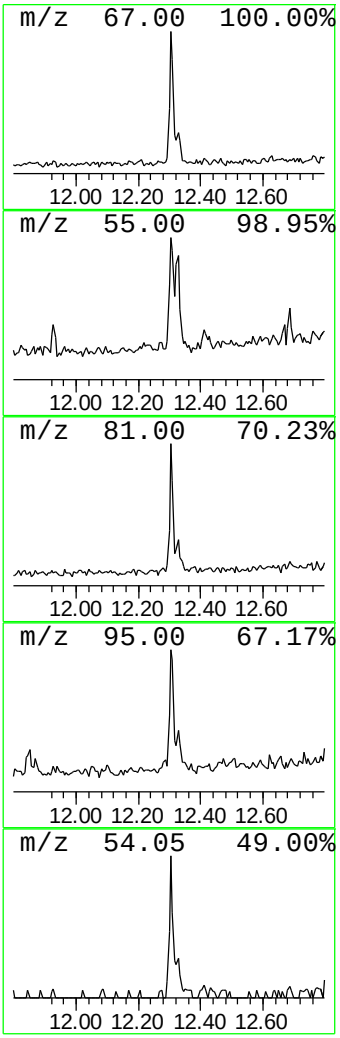
****

Peak Number 8 2-Chloroethyl linoleate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	4.74 ng	195340	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	90
2	13-Tetradece-11-yn-1-ol	208	C14H24O	1000131-00-4	87
3	Ethanol, 2-(9,12-octadecadienylo...	310	C20H38O2	017367-08-7	87
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	81
5	11,14-Eicosadienoic acid, methyl...	322	C21H38O2	002463-02-7	76





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102509.D
Acq On : 27 Jan 2018 14:38
Operator : SJ/JU
Sample : J1018-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-012518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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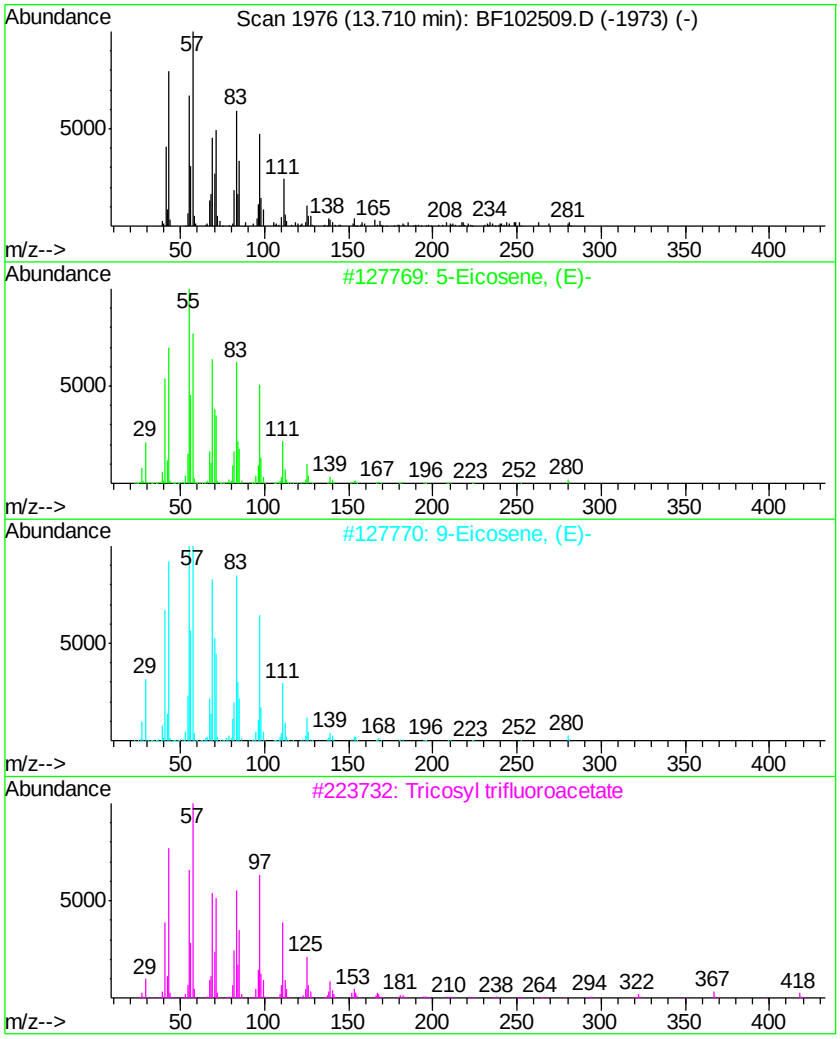
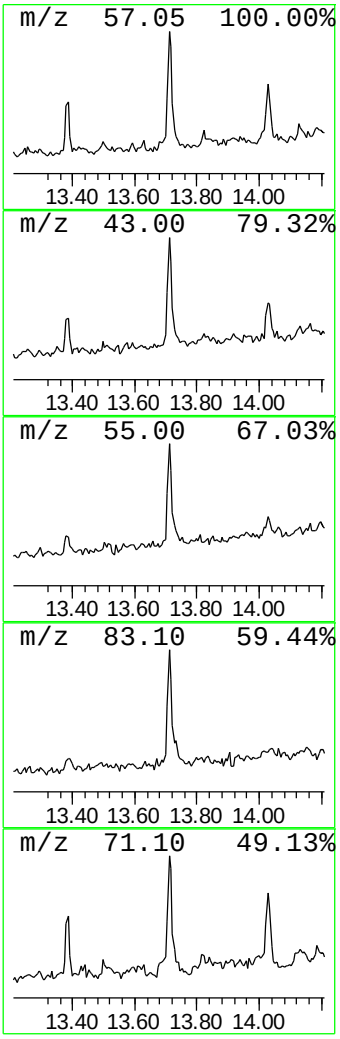
Peak Number 9 5-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	4.09 ng	213765	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	94
3	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
4	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	91
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91





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Sample : J1018-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-012518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

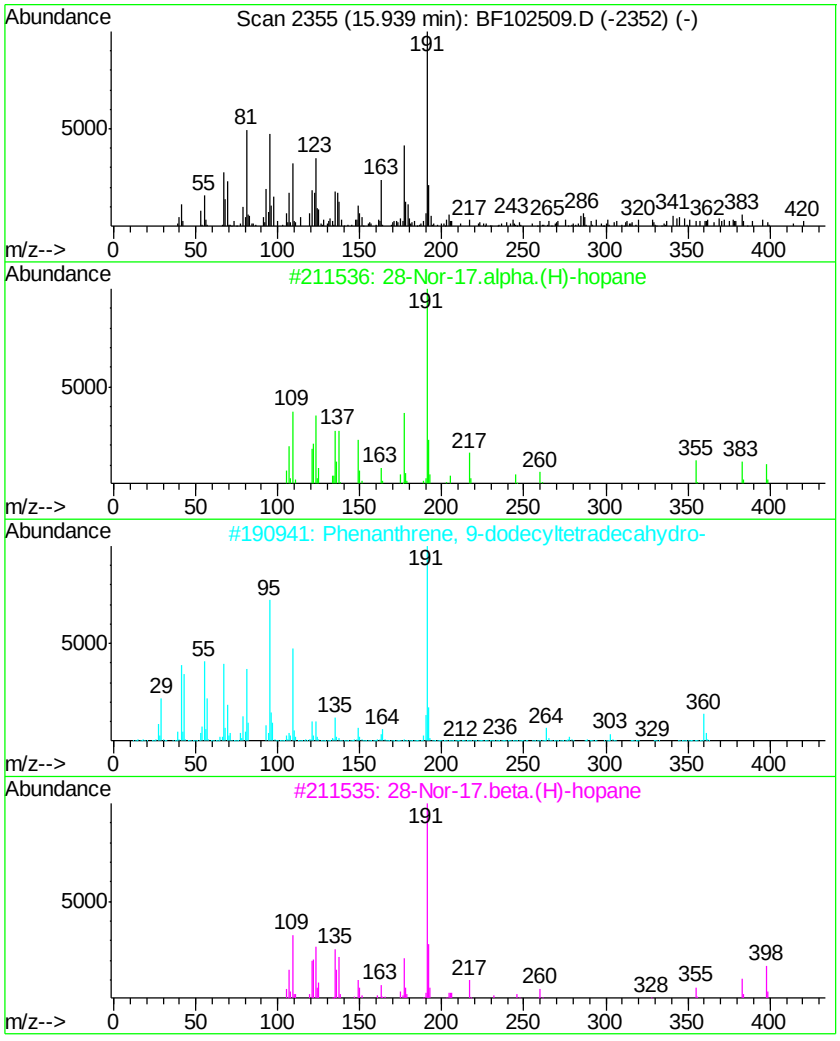
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

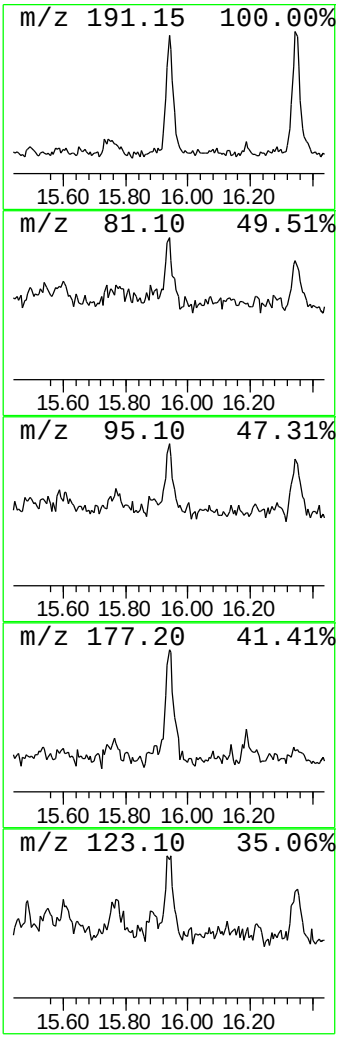
****

Peak Number 11 28-Nor-17.alpha.(H)-hopane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	5.56 ng	259349	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	87
2	Phenanthrene, 9-dodecyltetradeca...	360	C26H48	055334-01-5	58
3	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	46
4	7a-Isopropenyl-4,5-dimethyloctah...	236	C15H24O2	1000192-14-7	42
5	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102509.D
Acq On : 27 Jan 2018 14:38
Operator : SJ/JU
Sample : J1018-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-012518

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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...	4.92	2.7	ng	134483	1	6.71	1001660	20.0
unknown6.49	6.49	76.1	ng	3812210	1	6.71	1001660	20.0
Pentadecane	9.67	3.4	ng	184592	3	9.75	1097490	20.0
Heptadecane	10.65	6.1	ng	249677	4	11.23	823688	20.0
2-Chloroethyl lin...	12.30	4.7	ng	195340	4	11.23	823688	20.0
5-Eicosene, (E)-	13.71	4.1	ng	213765	5	13.87	1044920	20.0
28-Nor-17.alpha.(...	15.94	5.6	ng	259349	6	15.30	932907	20.0