LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111097.D
Acq On : 29 Nov 2018 18:20
Operator : JU/SJ
Sample : J5767-21 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-112818-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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.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	2.187	13	17	30	rVB	46354	80437	11.55%	0.944%
2	5.163	520	523	535	rBV	12725	26019	3.74%	0.306%
3	5.551	586	589	618	rBV	359535	585476	84.06%	6.875%
4	6.557	758	760	781	rBV	423455	693206	99.53%	8.140%
5	6.698	781	784	791	rBV	681503	658810	94.59%	7.736%
6	6.928	820	823	835	rBV	370997	374405	53.76%	4.396%
7	7.087	846	850	862	rBV	431190	476263	68.38%	5.592%
8	7.498	917	920	936	rBV	253776	406062	58.30%	4.768%
9	8.216	1038	1042	1063	rBV	417342	512964	73.65%	6.023%
10	9.286	1220	1224	1232	rBV	670806	696492	100.00%	8.178%
11	9.345	1232	1234	1239	rVB2	8937	10660	1.53%	0.125%
12	9.686	1289	1292	1297	rVB	40368	41196	5.91%	0.484%
13	9.969	1337	1340	1350	rVB	513703	549496	78.89%	6.452%
14	10.375	1406	1409	1413	rVB	13222	9902	1.42%	0.116%
15	10.592	1441	1446	1449	rBV3	7496	8042	1.15%	0.094%
16	10.769	1473	1476	1487	rBV	320050	354039	50.83%	4.157%
17	10.851	1487	1490	1495	rVB2	12635	17406	2.50%	0.204%
18	11.298	1563	1566	1568	rBV2	10694	8344	1.20%	0.098%
19	11.322	1568	1570	1573	rVB	7630	7558	1.09%	0.089%
20	11.469	1592	1595	1598	rBV	489444	442387	63.52%	5.195%
21	11.492	1598	1599	1606	rVV	90967	79910	11.47%	0.938%
22	11.557	1606	1610	1616	rVB	14923	19584	2.81%	0.230%
23	11.722	1636	1638	1643	rBV2	11982	10890	1.56%	0.128%
24	11.969	1677	1680	1684	rBV3	27274	37902	5.44%	0.445%
25	12.010	1684	1687	1692	rVB	13828	16508	2.37%	0.194%
26	12.092	1697	1701	1703	rBV	16177	16965	2.44%	0.199%
27	12.269	1727	1731	1735	rBV3	6460	8112	1.16%	0.095%
28	12.516	1770	1773	1775	rBV2	37967	35554	5.10%	0.417%
29	12.692	1800	1803	1808	rBV	110232	100490	14.43%	1.180%
30	12.757	1811	1814	1818	rBV3	10861	15724	2.26%	0.185%
31	12.857	1825	1831	1834	rBV7	5960	12821	1.84%	0.151%
32	12.927	1834	1843	1848	rVV	89242	122107	17.53%	1.434%
33	13.045	1860	1863	1869	rVB	598514	513322	73.70%	6.027%
34	13.139	1876	1879	1884	rVB5	7977	12871	1.85%	0.151%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111097.D
Acq On : 29 Nov 2018 18:20
Operator : JU/SJ
Sample : J5767-21 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-112818-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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.251	1891	1898	1904	rBV2	23808	35024	5.03%	0.411%
36	13.322	1907	1910	1914	rBV2	9101	15133	2.17%	0.178%
37	13.457	1929	1933	1934	rBV3	10723	12670	1.82%	0.149%
38	13.592	1953	1956	1959	rBV	19522	19722	2.83%	0.232%
39	13.898	2003	2008	2009	rBV3	11768	18533	2.66%	0.218%
40	13.921	2009	2012	2020	rVB3	75830	108390	15.56%	1.273%
41	14.127	2041	2047	2050	rBV	441982	513195	73.68%	6.026%
42	14.233	2062	2065	2069	rVB	42721	37279	5.35%	0.438%
43	14.539	2114	2117	2120	rBV	39237	36608	5.26%	0.430%
44	14.851	2167	2170	2173	rBV2	63258	68011	9.76%	0.799%
45	15.204	2227	2230	2234	rBV3	78648	99469	14.28%	1.168%
46	15.598	2293	2297	2302	rVB4	68660	102114	14.66%	1.199%
47	15.663	2303	2308	2318	rBV	214373	324973	46.66%	3.816%
48	16.039	2368	2372	2379	rVB	44866	72590	10.42%	0.852%
49	16.562	2458	2461	2466	rVB3	24735	39638	5.69%	0.465%
50	16.774	2494	2497	2505	rVB7	21121	41073	5.90%	0.482%
51	17.751	2661	2663	2666	rBV4	9372	10069	1.45%	0.118%

Sum of corrected areas: 8516415

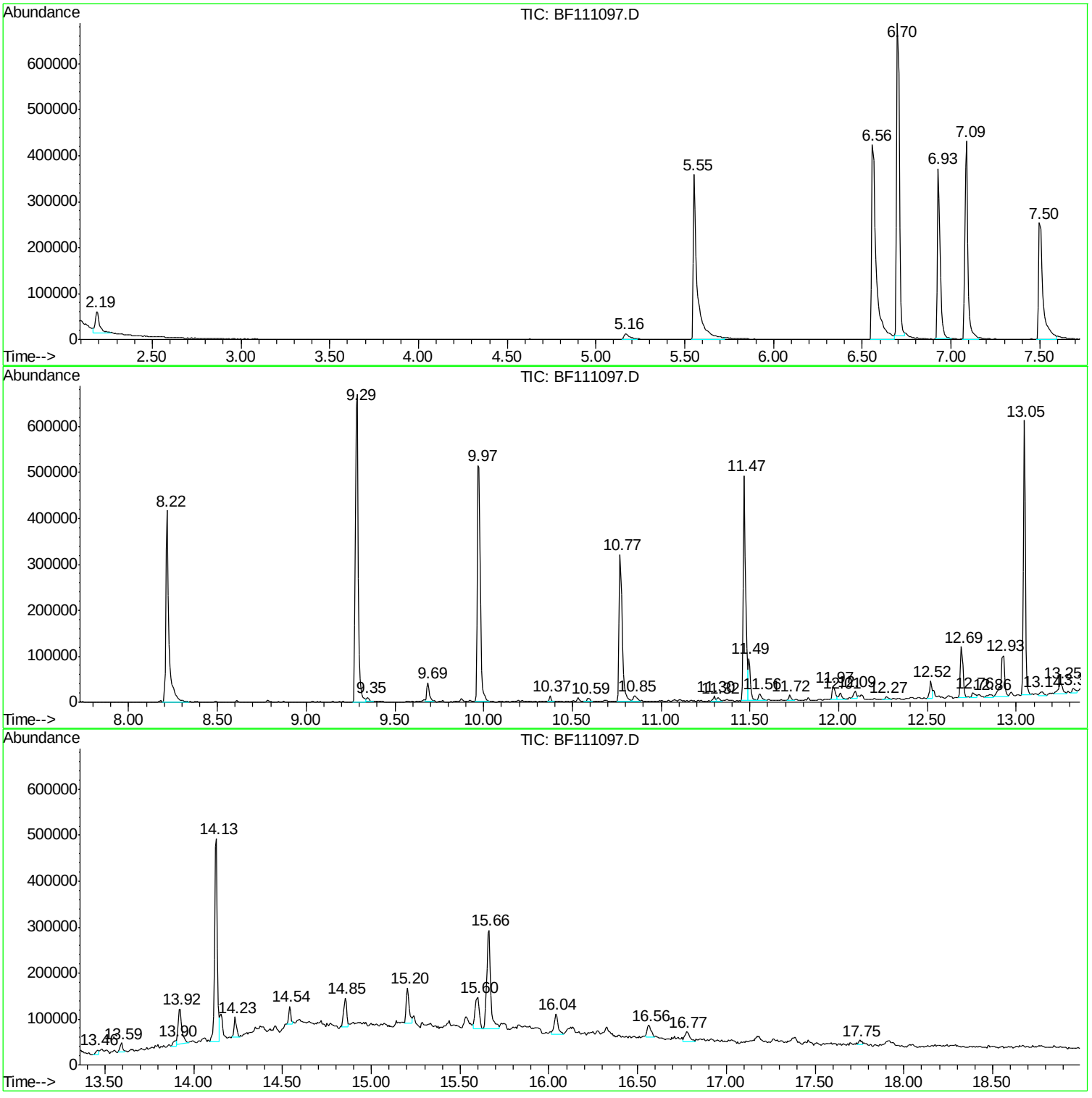
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111097.D
Acq On : 29 Nov 2018 18:20
Operator : JU/SJ
Sample : J5767-21 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-112818-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.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\BF112918\
Data File : BF111097.D
Acq On : 29 Nov 2018 18:20
Operator : JU/SJ
Sample : J5767-21 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-112818-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

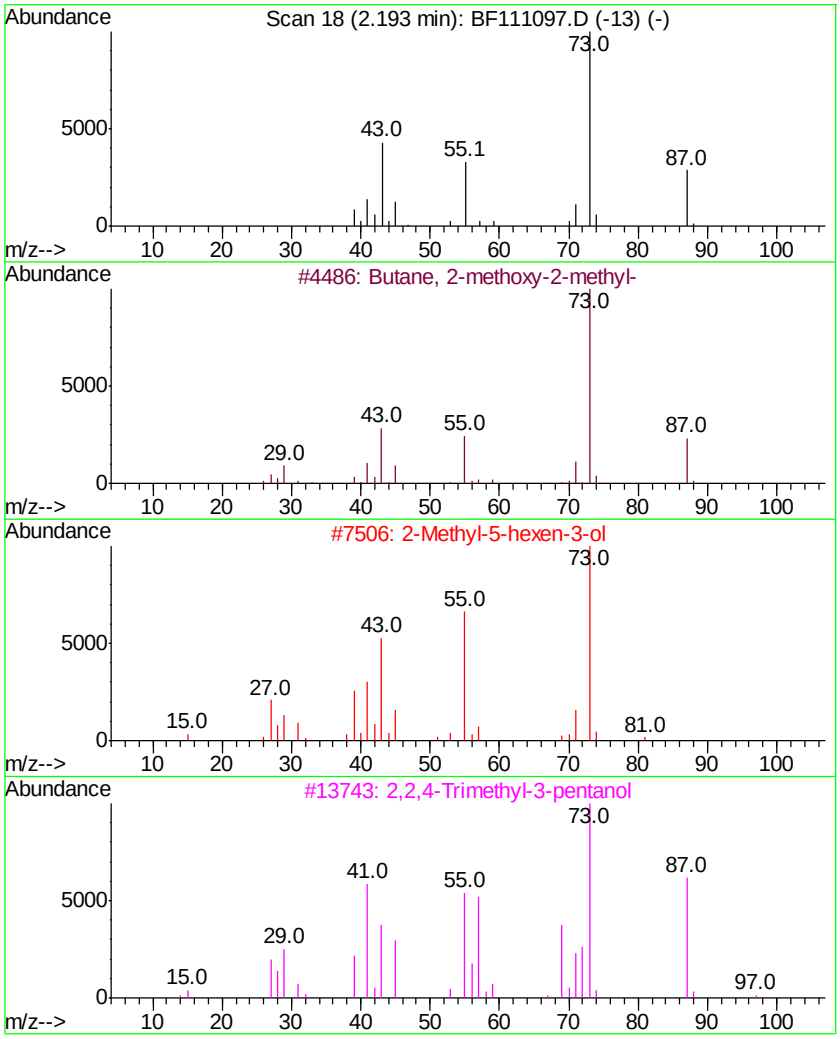
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

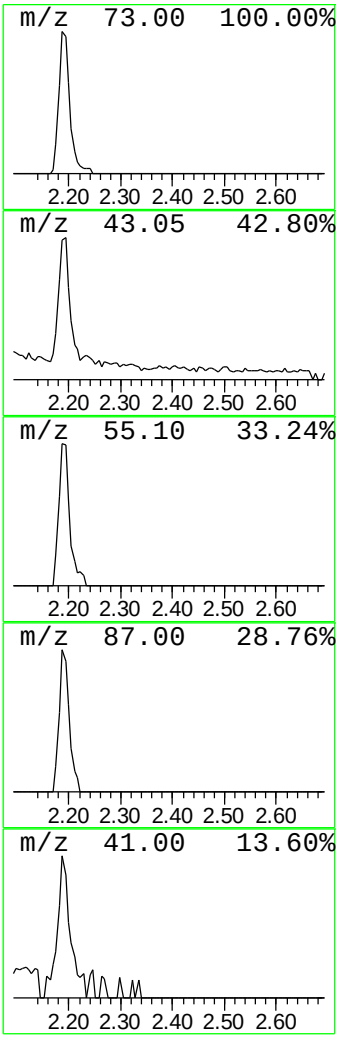
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.19	4.30 ng	80437	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	40
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	28
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111097.D
Acq On : 29 Nov 2018 18:20
Operator : JU/SJ
Sample : J5767-21 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-112818-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

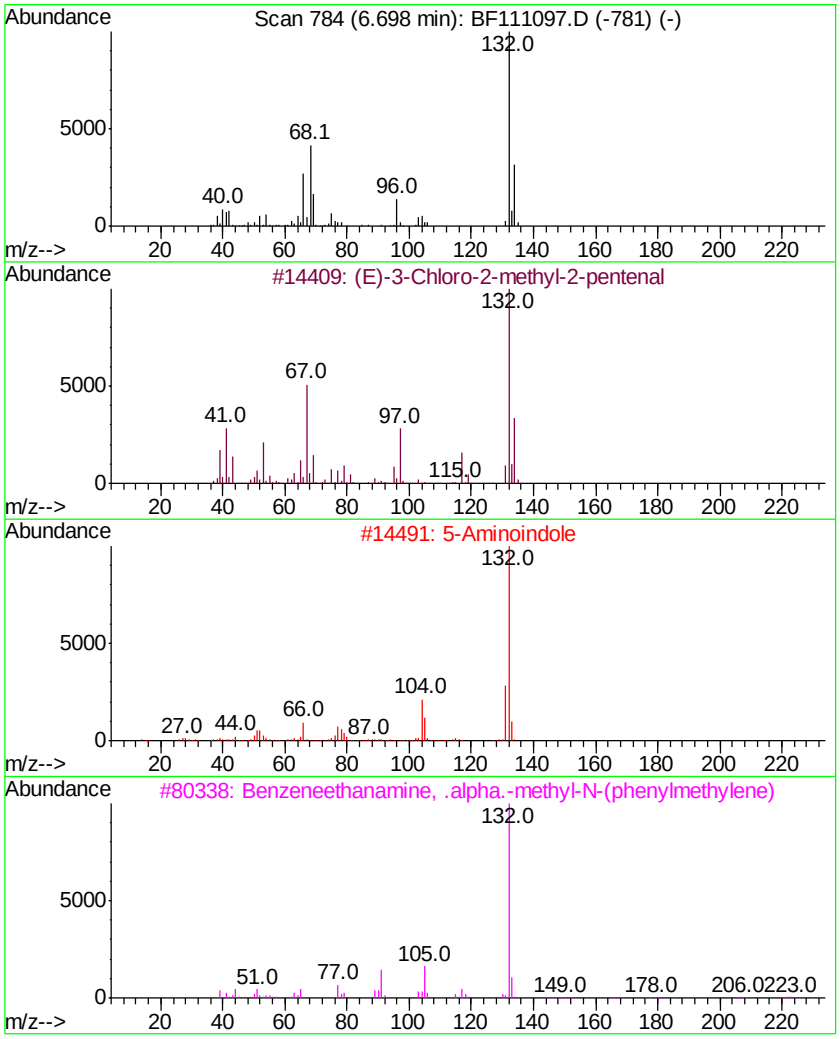
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

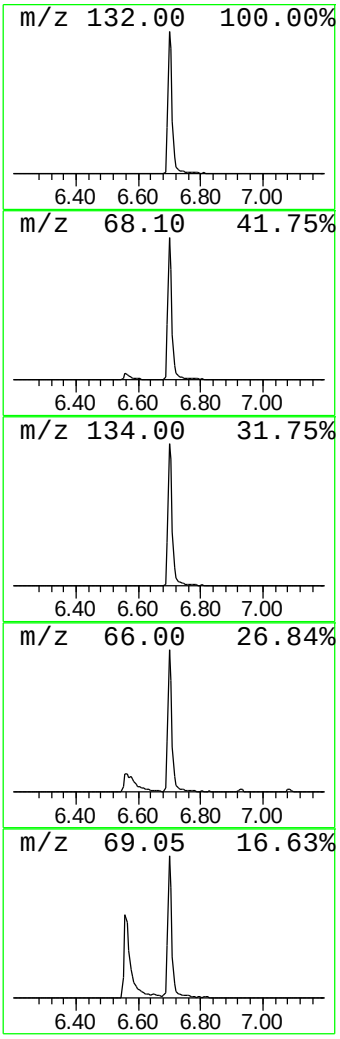
****

Peak Number 2 unknown6.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	35.19 ng	658810	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Benzeneethanamine, .alpha.-methy...	223	C16H17N	002980-02-1	10
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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111097.D
Acq On : 29 Nov 2018 18:20
Operator : JU/SJ
Sample : J5767-21 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-112818-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

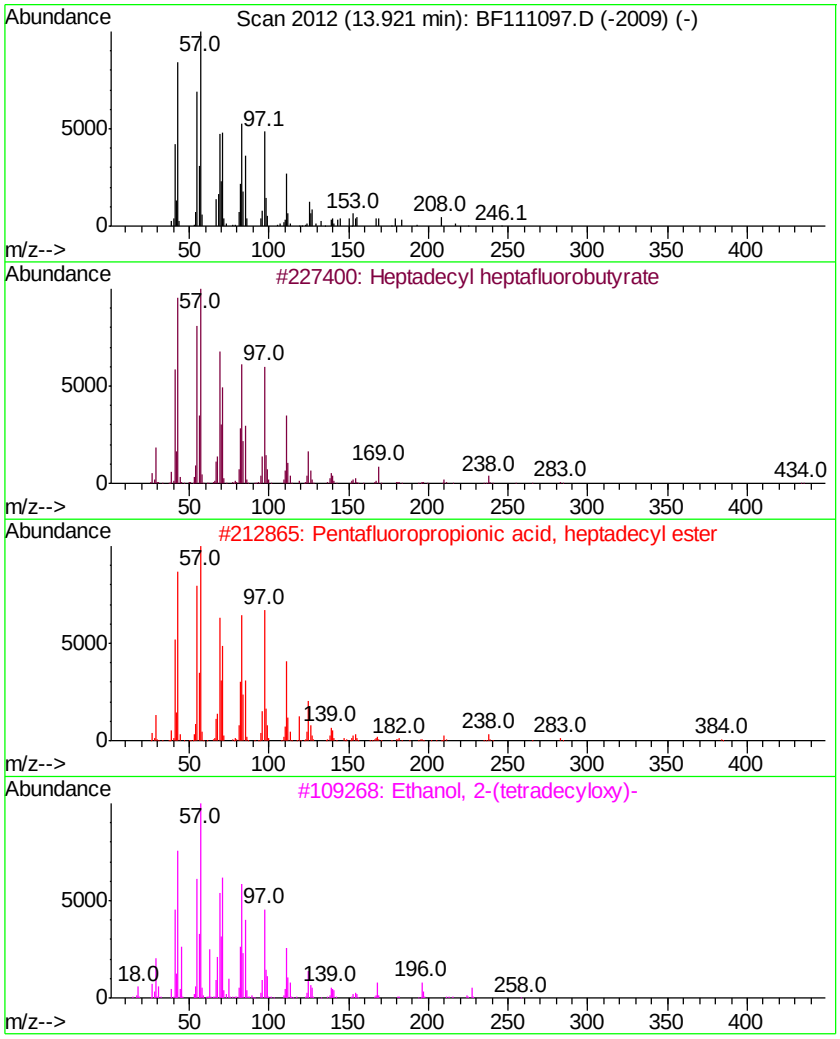
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

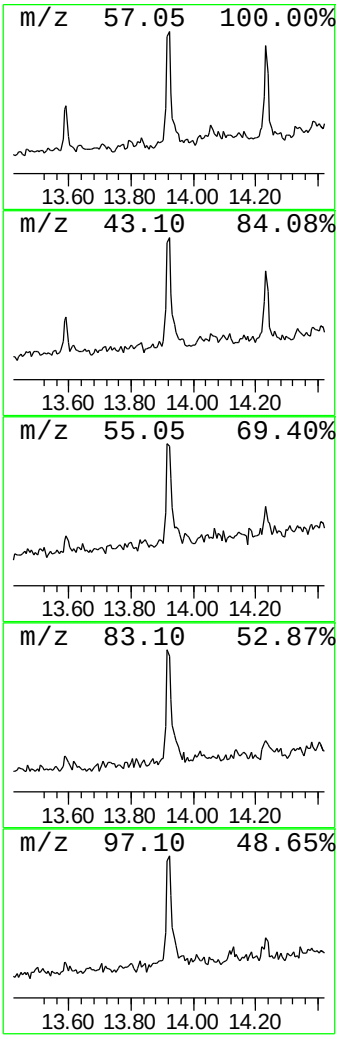
****

Peak Number 4 Heptadecyl heptafluorobutyrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	4.22 ng	108390	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
5	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111097.D
Acq On : 29 Nov 2018 18:20
Operator : JU/SJ
Sample : J5767-21 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-112818-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

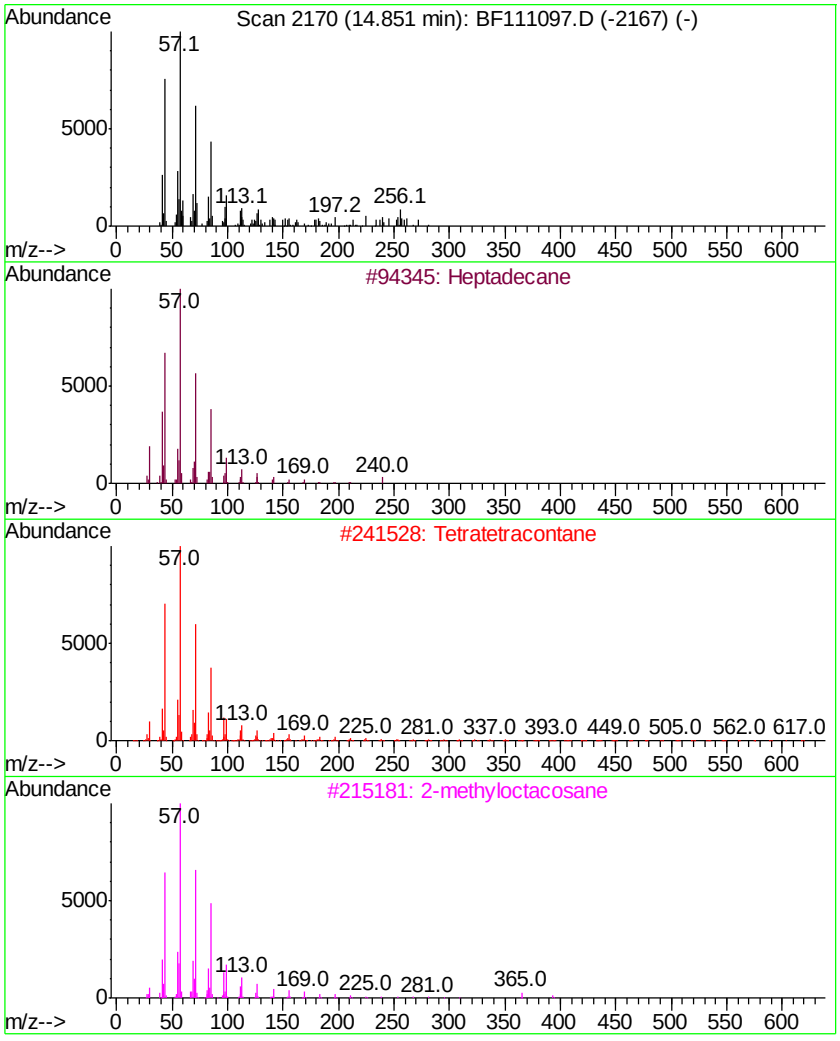
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

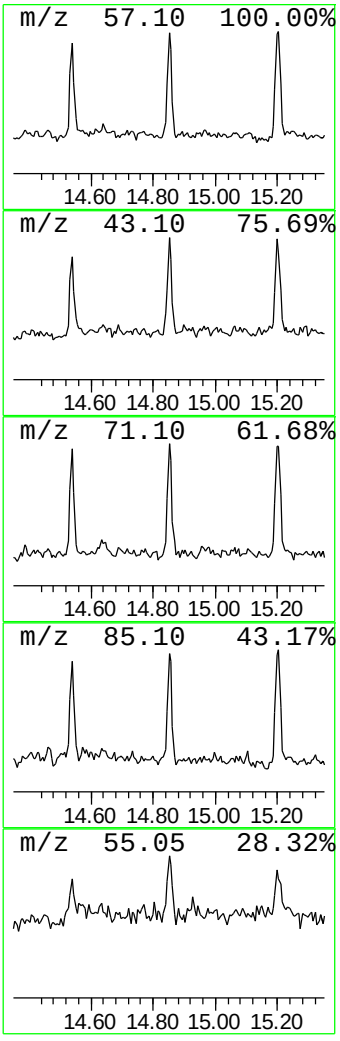
****

Peak Number 5 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	2.65 ng	68011	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Tetratetracontane	619	C44H90	007098-22-8	81
3	2-methyloctacosane	408	C29H60	1000376-72-8	81
4	2-methyltetracosane	352	C25H52	1000376-72-6	74
5	Octacosane	394	C28H58	000630-02-4	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111097.D
Acq On : 29 Nov 2018 18:20
Operator : JU/SJ
Sample : J5767-21 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-112818-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

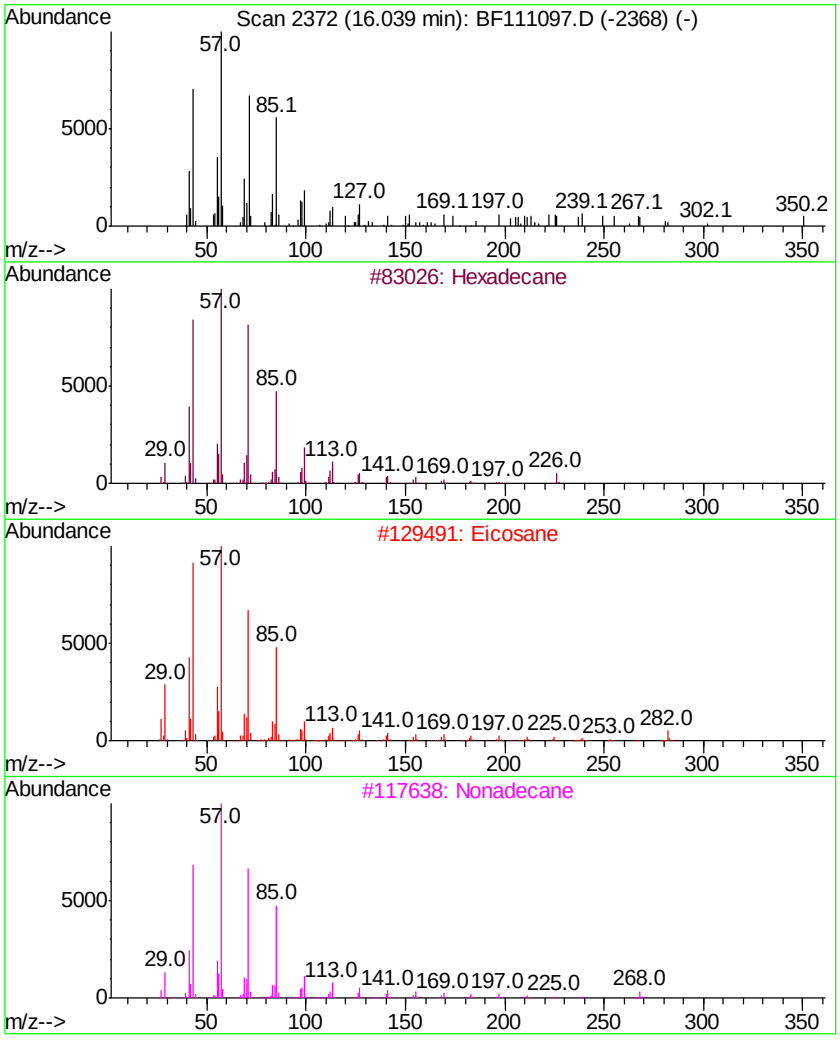
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

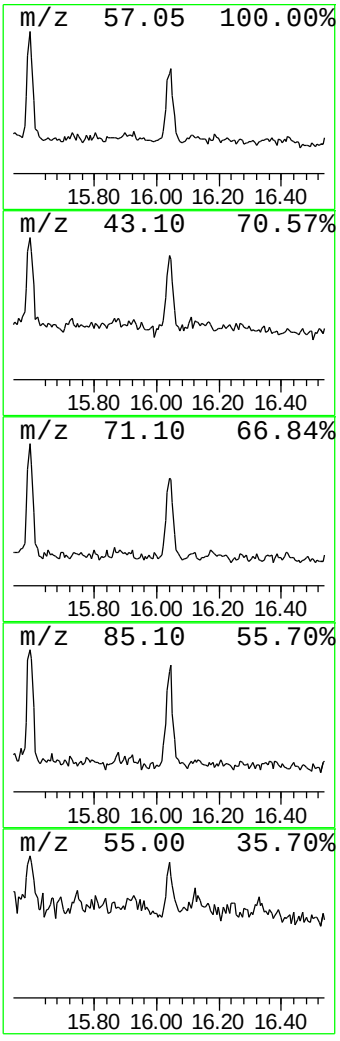
****

Peak Number 6 Hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	4.47 ng	72590	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Eicosane	282	C20H42	000112-95-8	93
3	Nonadecane	268	C19H40	000629-92-5	81
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	72
5	Tetracosane	338	C24H50	000646-31-1	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111097.D
Acq On : 29 Nov 2018 18:20
Operator : JU/SJ
Sample : J5767-21 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-112818-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

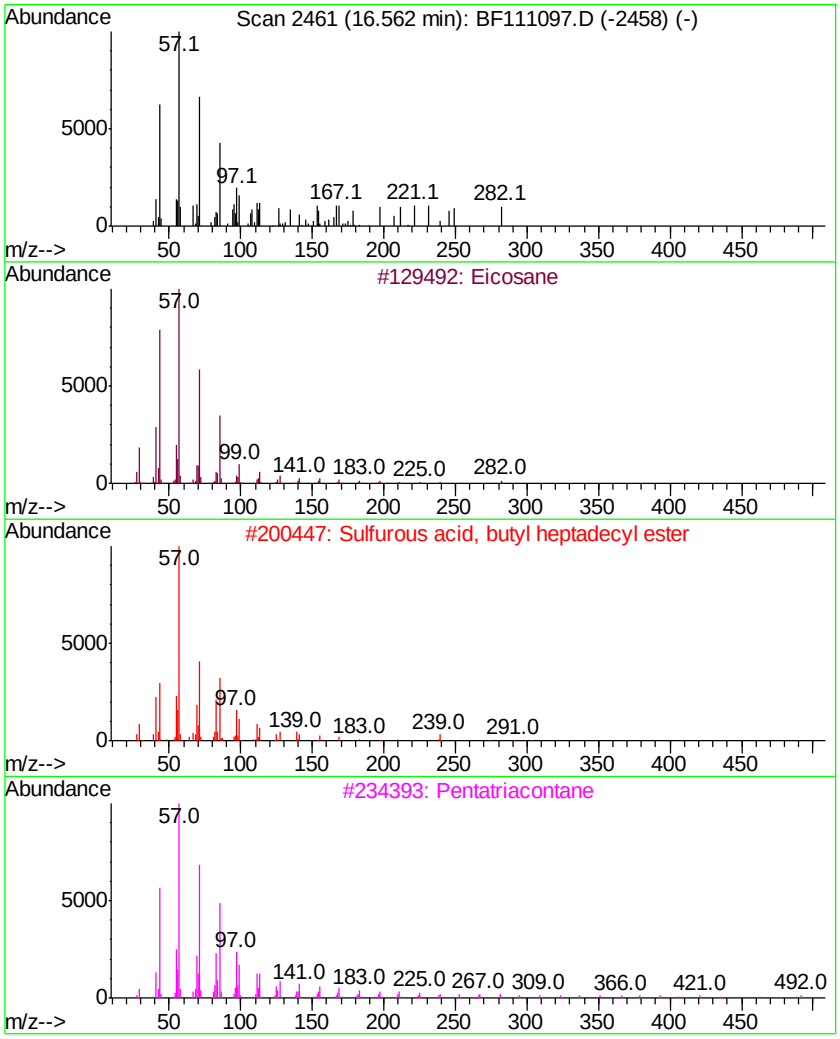
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

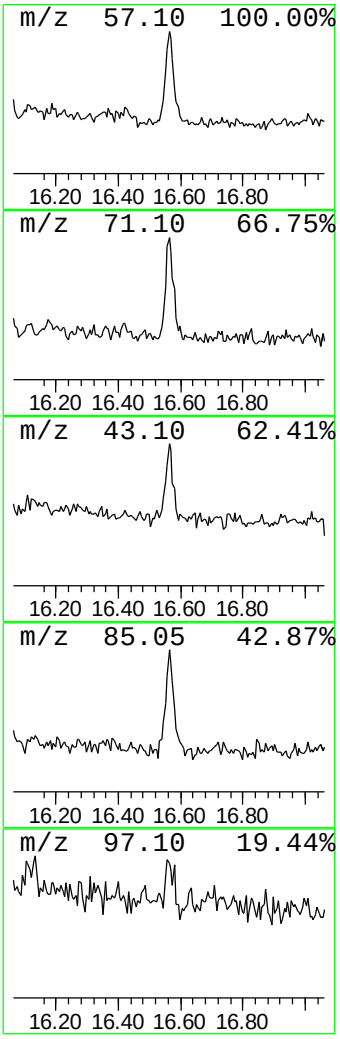
****

Peak Number 7 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	2.44 ng	39638	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	53
2	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	47
3	Pentatriacontane	493	C35H72	000630-07-9	47
4	Octadecane	254	C18H38	000593-45-3	43
5	Heptadecane	240	C17H36	000629-78-7	38





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Data File : BF111097.D
Acq On : 29 Nov 2018 18:20
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Sample : J5767-21 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-112818-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

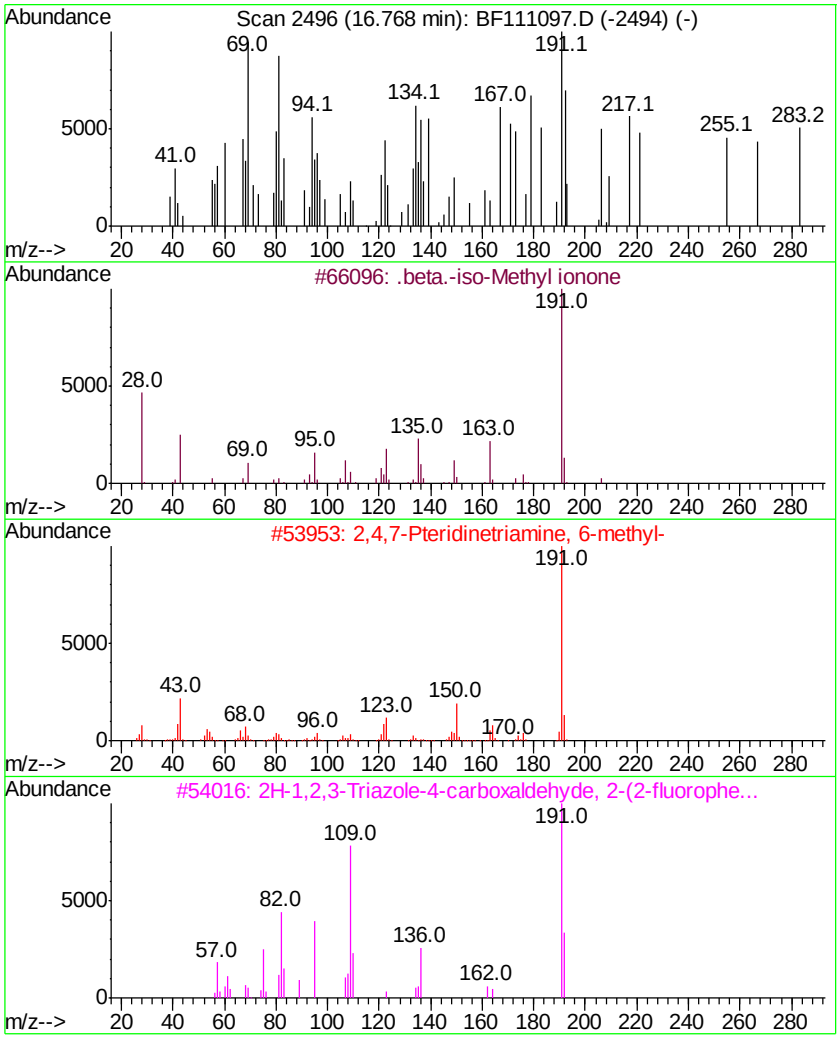
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

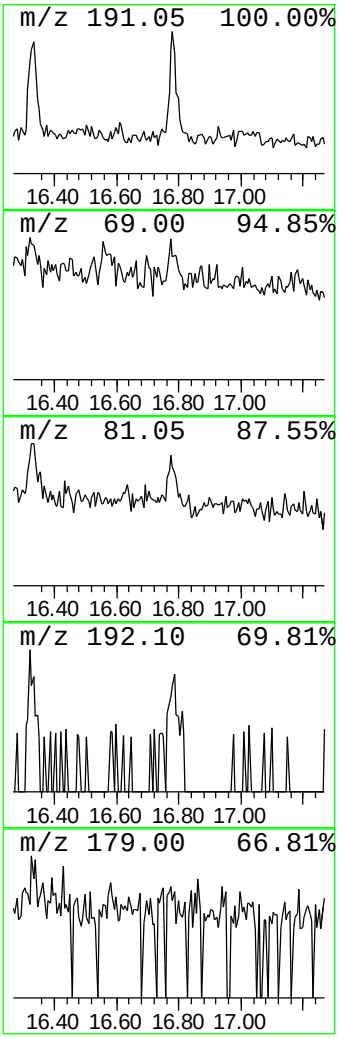
****

Peak Number 8 unknown16.77 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	2.53 ng	41073	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	32
2	2,4,7-Pteridinetriamine, 6-methyl-	191	C7H9N7	017539-50-3	25
3	2H-1,2,3-Triazole-4-carboxaldehy...	191	C9H6FN3O	051306-43-5	17
4	7-Hydroxy-2,5,8-quinoline trione	191	C9H5NO4	015544-54-4	14
5	N-(3,4,5,6-Tetrahydro-1,3-thiazi...	192	C10H12N2S	003420-40-4	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112918\
Data File : BF111097.D
Acq On : 29 Nov 2018 18:20
Operator : JU/SJ
Sample : J5767-21 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-112818-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.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
Butane, 2-methoxy...	2.19	4.3	ng	80437	1	6.93	374405	20.0
unknown6.70	6.70	35.2	ng	658810	1	6.93	374405	20.0
Heptadecyl heptaf...	13.92	4.2	ng	108390	5	14.13	513195	20.0
Heptadecane	14.85	2.6	ng	68011	5	14.13	513195	20.0
Hexadecane	16.04	4.5	ng	72590	6	15.66	324973	20.0
Eicosane	16.56	2.4	ng	39638	6	15.66	324973	20.0
unknown16.77	16.77	2.5	ng	41073	6	15.66	324973	20.0