LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
Data File : BF103992.D
Acq On : 28 Mar 2018 1:10
Operator : JU/SJ
Sample : J2048-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-106(2-3)

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-BF031518.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	2.316	34	39	47	rVB	89876	122601	3.74%	0.412%
2	5.222	528	533	551	rBV	77160	125623	3.83%	0.422%
3	5.604	594	598	623	rBV	2030395	2965971	90.48%	9.961%
4	6.604	763	768	788	rBV	2210077	3092600	94.34%	10.386%
5	6.745	788	792	819	rVB	2834592	3147547	96.02%	10.571%
6	6.969	827	830	848	rVB	774742	861859	26.29%	2.895%
7	7.128	853	857	869	rBV	2470703	2402660	73.29%	8.069%
8	7.533	922	926	935	rBV	1513795	1805923	55.09%	6.065%
9	7.598	935	937	950	rVB2	38315	77830	2.37%	0.261%
10	8.251	1044	1048	1060	rBV	1051840	1133473	34.58%	3.807%
11	9.063	1182	1186	1193	rBV	46904	50250	1.53%	0.169%
12	9.327	1226	1231	1239	rBV	3442745	3278078	100.00%	11.009%
13	9.392	1239	1242	1245	rVB	63662	64485	1.97%	0.217%
14	9.592	1271	1276	1280	rBV2	30757	43903	1.34%	0.147%
15	9.669	1285	1289	1291	rVV	50481	60124	1.83%	0.202%
16	9.716	1291	1297	1304	rVV	250364	285166	8.70%	0.958%
17	9.780	1304	1308	1317	rVB3	24321	57831	1.76%	0.194%
18	9.869	1319	1323	1328	rBV2	59999	74593	2.28%	0.251%
19	9.922	1328	1332	1336	rBV	132855	110352	3.37%	0.371%
20	10.010	1343	1347	1352	rBV2	1218070	1133984	34.59%	3.808%
21	10.245	1384	1387	1391	rBV3	35964	37616	1.15%	0.126%
22	10.398	1410	1413	1414	rBV	45297	36252	1.11%	0.122%
23	10.422	1414	1417	1421	rVB	165468	138021	4.21%	0.464%
24	10.563	1438	1441	1447	rVB2	37971	58528	1.79%	0.197%
25	10.639	1450	1454	1457	rBV2	46995	57974	1.77%	0.195%
26	10.804	1478	1482	1491	rBV	1626474	1661116	50.67%	5.579%
27	10.892	1494	1497	1508	rVB	123813	181454	5.54%	0.609%
28	11.110	1528	1534	1537	rBV6	29973	59881	1.83%	0.201%
29	11.345	1571	1574	1576	rBV	85817	67961	2.07%	0.228%
30	11.398	1581	1583	1588	rVB	35790	33781	1.03%	0.113%
31	11.504	1597	1601	1604	rBV	1070725	992118	30.27%	3.332%
32	11.527	1604	1605	1609	rVV	181672	129709	3.96%	0.436%
33	11.580	1611	1614	1617	rBV	38079	37771	1.15%	0.127%
34	11.769	1644	1646	1649	rVB	71925	59500	1.82%	0.200%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
Data File : BF103992.D
Acq On : 28 Mar 2018 1:10
Operator : JU/SJ
Sample : J2048-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-106(2-3)

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-BF031518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.921	1668	1672	1676	rBV	20286	33830	1.03%	0.114%
36	12.010	1683	1687	1689	rBV2	125942	132130	4.03%	0.444%
37	12.033	1689	1691	1695	rVB	62466	59501	1.82%	0.200%
38	12.121	1702	1706	1708	rBV2	84927	98626	3.01%	0.331%
39	12.145	1708	1710	1713	rVB	45737	39982	1.22%	0.134%
40	12.180	1713	1716	1719	rBV2	57363	47211	1.44%	0.159%
41	12.563	1777	1781	1783	rBV2	65032	94535	2.88%	0.317%
42	12.721	1804	1808	1811	rBV	140475	139149	4.24%	0.467%
43	12.815	1822	1824	1827	rVB	37410	34758	1.06%	0.117%
44	12.951	1842	1847	1852	rBV	192276	252439	7.70%	0.848%
45	13.092	1866	1871	1874	rBV	2398988	2277576	69.48%	7.649%
46	13.274	1896	1902	1905	rBV	46992	87998	2.68%	0.296%
47	13.639	1961	1964	1968	rBV2	45925	53166	1.62%	0.179%
48	13.968	2016	2020	2025	rBV3	177013	197352	6.02%	0.663%
49	14.157	2047	2052	2055	rBV	927534	888642	27.11%	2.984%
50	14.292	2072	2075	2078	rBV2	49927	55504	1.69%	0.186%
51	14.921	2179	2182	2186	rVB3	63242	73791	2.25%	0.248%
52	15.633	2301	2303	2308	rVB	54923	61466	1.88%	0.206%
53	15.704	2309	2315	2322	rVV2	468775	701108	21.39%	2.355%

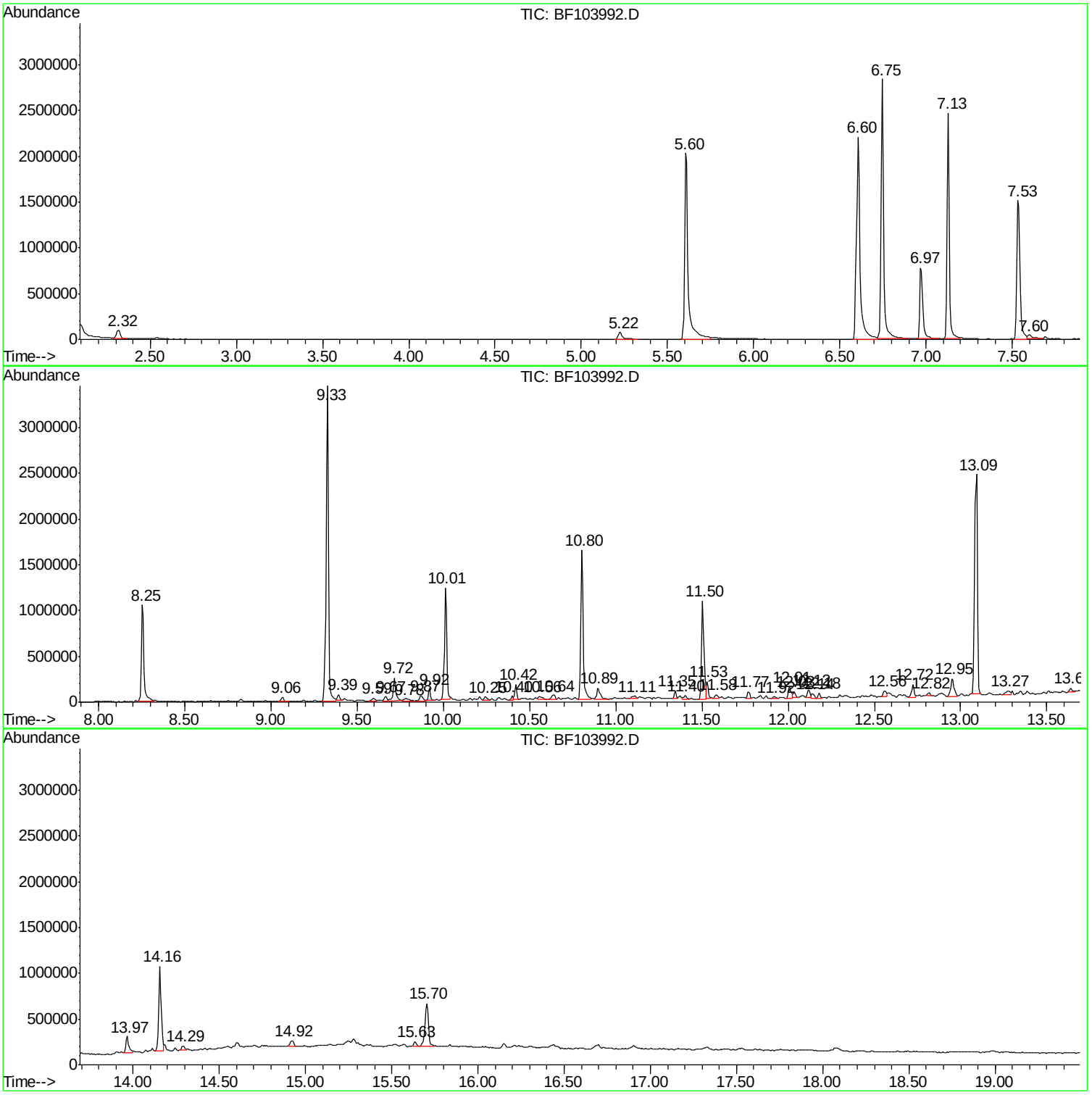
Sum of corrected areas: 29775299

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
Data File : BF103992.D
Acq On : 28 Mar 2018 1:10
Operator : JU/SJ
Sample : J2048-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-106(2-3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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:\HPCHEM1\BNA F\DATA\BF032718\
Data File : BF103992.D
Acq On : 28 Mar 2018 1:10
Operator : JU/SJ
Sample : J2048-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-106(2-3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

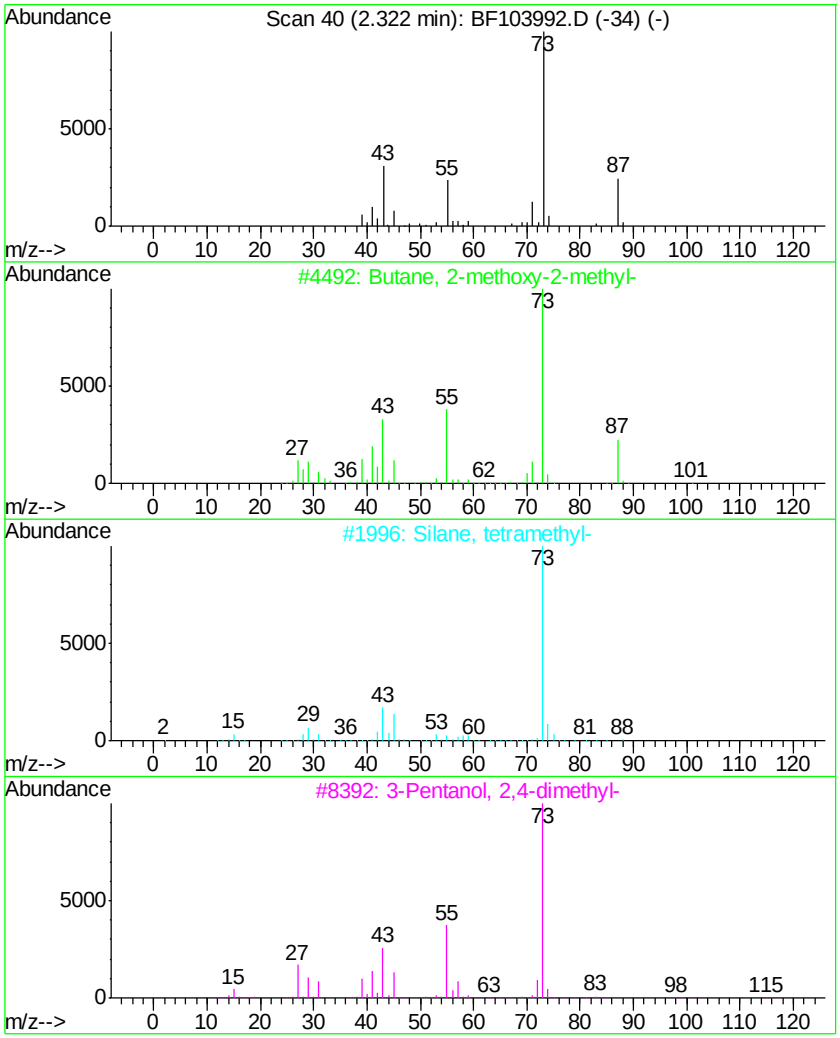
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

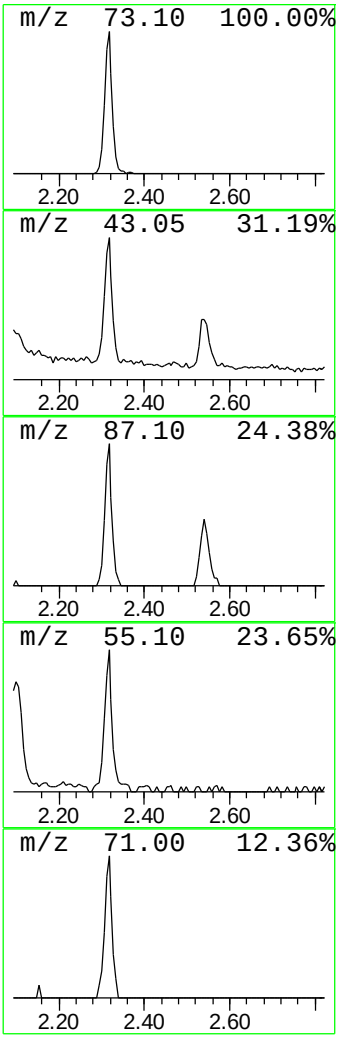
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.32	2.85 ng	122601	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
4	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
Data File : BF103992.D
Acq On : 28 Mar 2018 1:10
Operator : JU/SJ
Sample : J2048-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-106(2-3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

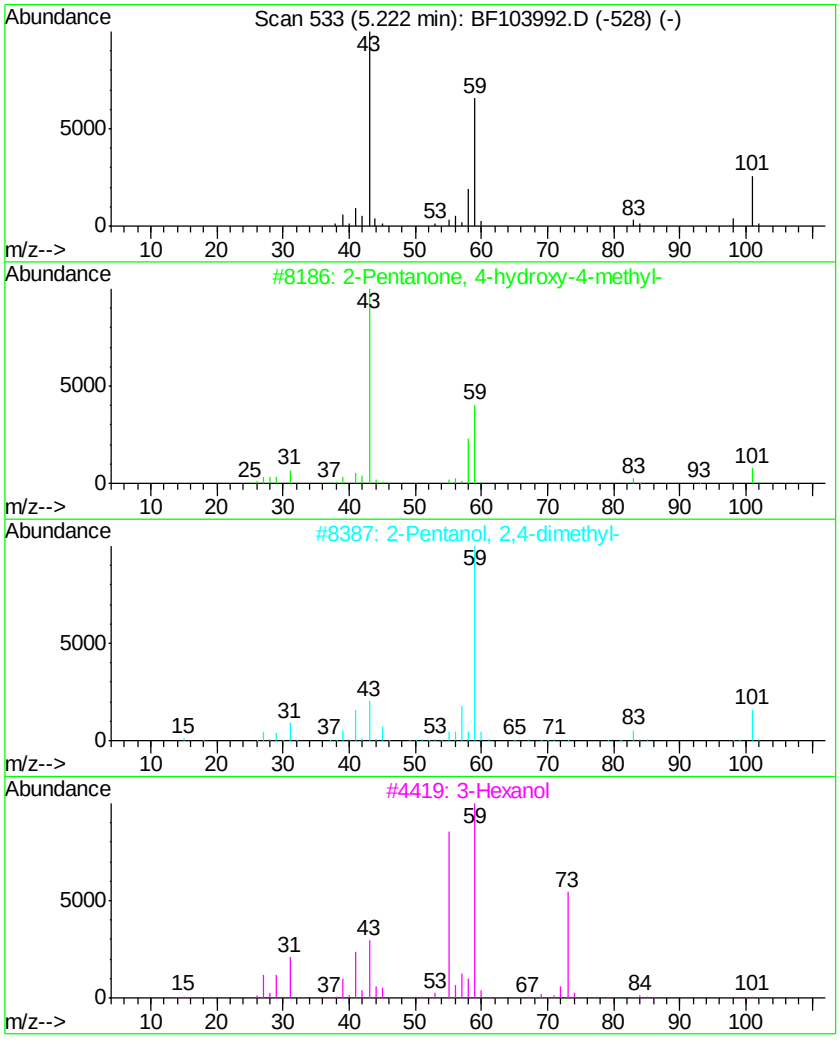
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

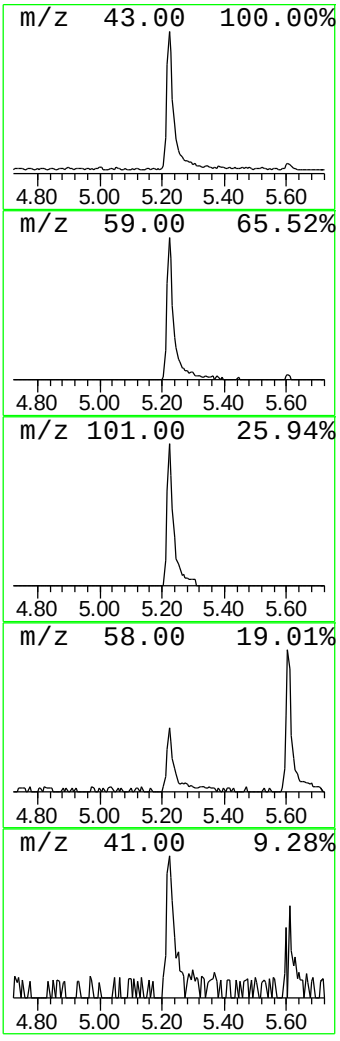
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	2.92 ng	125623	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	25
3	3-Hexanol	102	C6H14O	000623-37-0	23
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
Data File : BF103992.D
Acq On : 28 Mar 2018 1:10
Operator : JU/SJ
Sample : J2048-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-106(2-3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

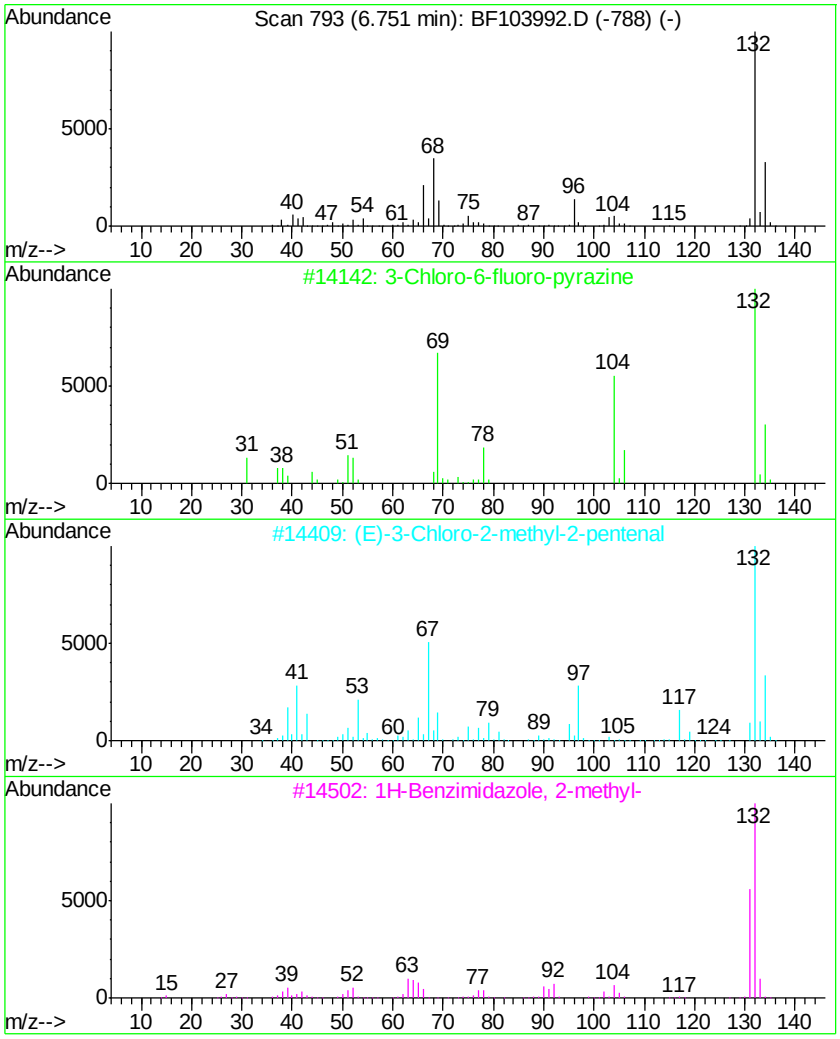
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

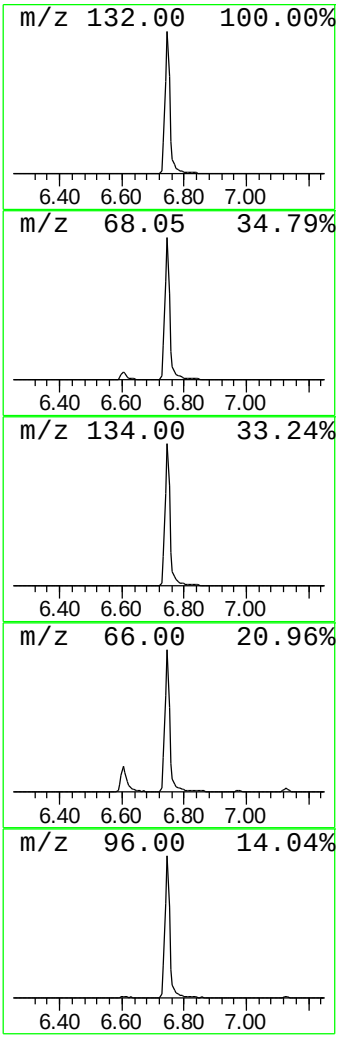
****

Peak Number 3 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	73.04 ng	3147550	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
4	5-Aminoindole	132	C8H8N2	005192-03-0	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
Data File : BF103992.D
Acq On : 28 Mar 2018 1:10
Operator : JU/SJ
Sample : J2048-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-106(2-3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

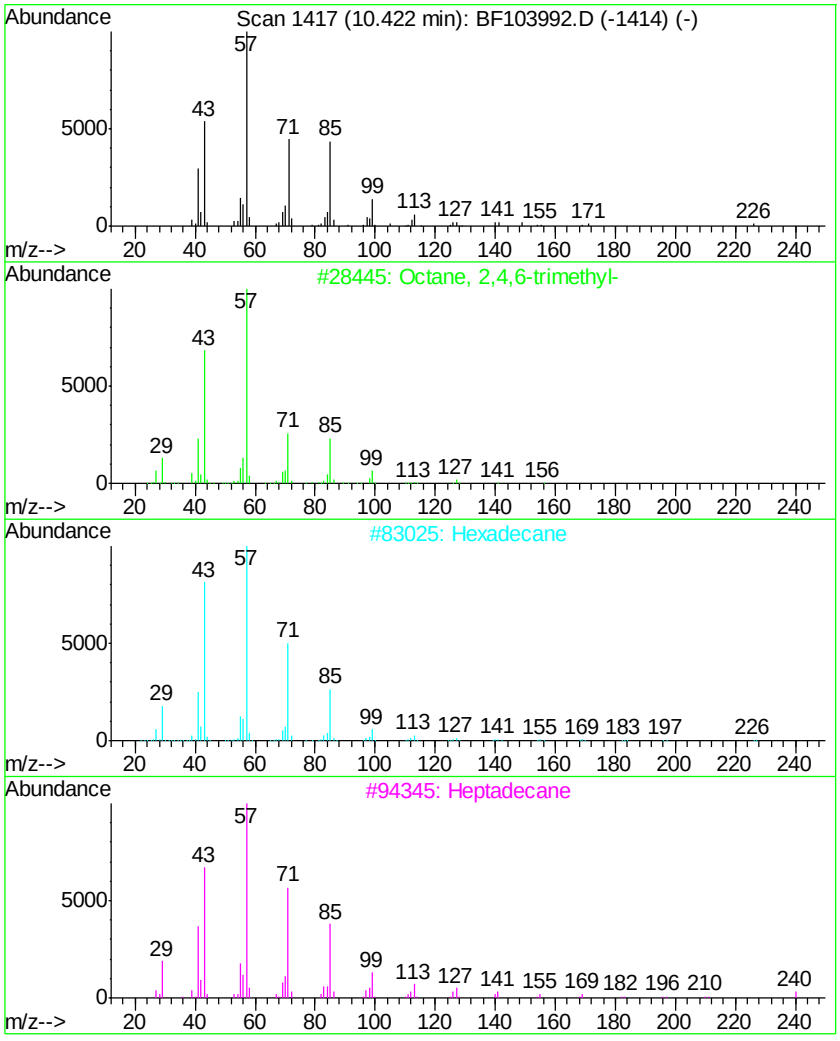
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

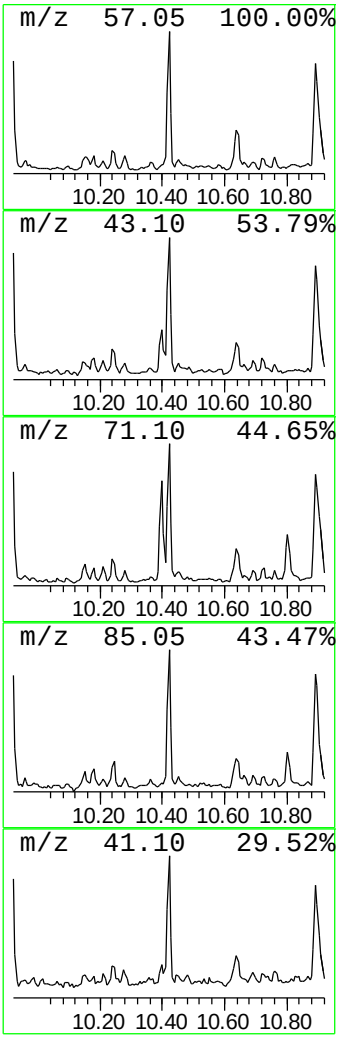
****

Peak Number 5 Octane, 2,4,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	2.43 ng	138021	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	86
2	Hexadecane	226	C16H34	000544-76-3	86
3	Heptadecane	240	C17H36	000629-78-7	64
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64
5	Heneicosane	296	C21H44	000629-94-7	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
Data File : BF103992.D
Acq On : 28 Mar 2018 1:10
Operator : JU/SJ
Sample : J2048-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-106(2-3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

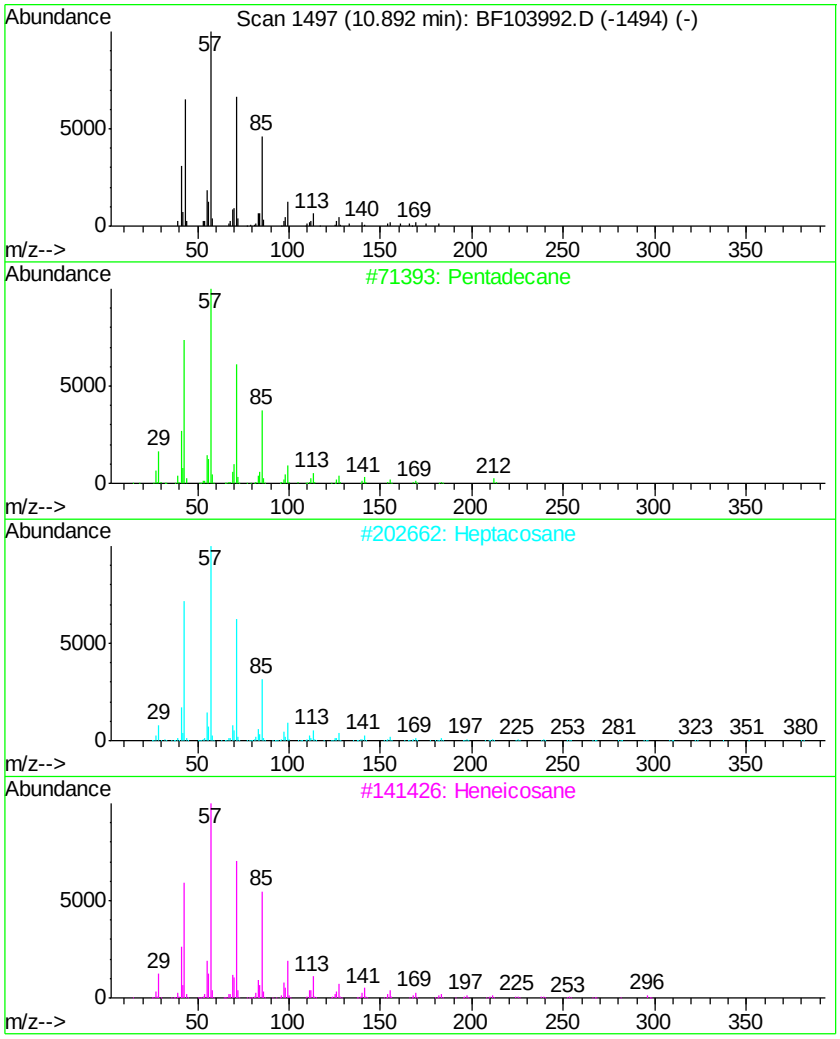
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

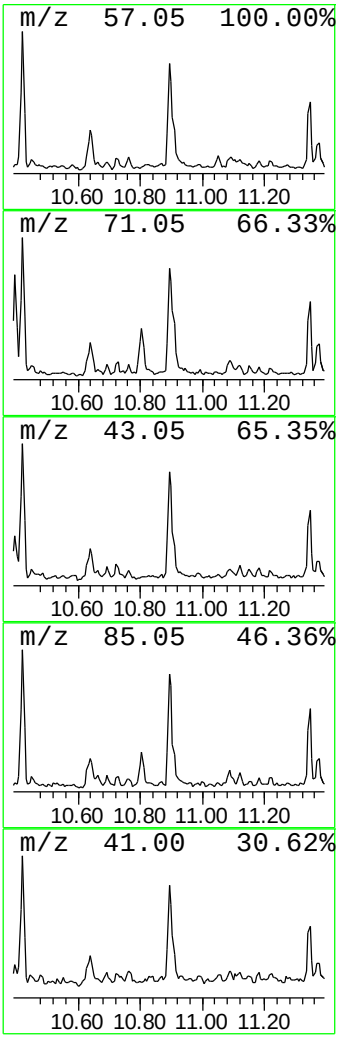
****

Peak Number 6 Pentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	3.66 ng	181454	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
Data File : BF103992.D
Acq On : 28 Mar 2018 1:10
Operator : JU/SJ
Sample : J2048-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-106(2-3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

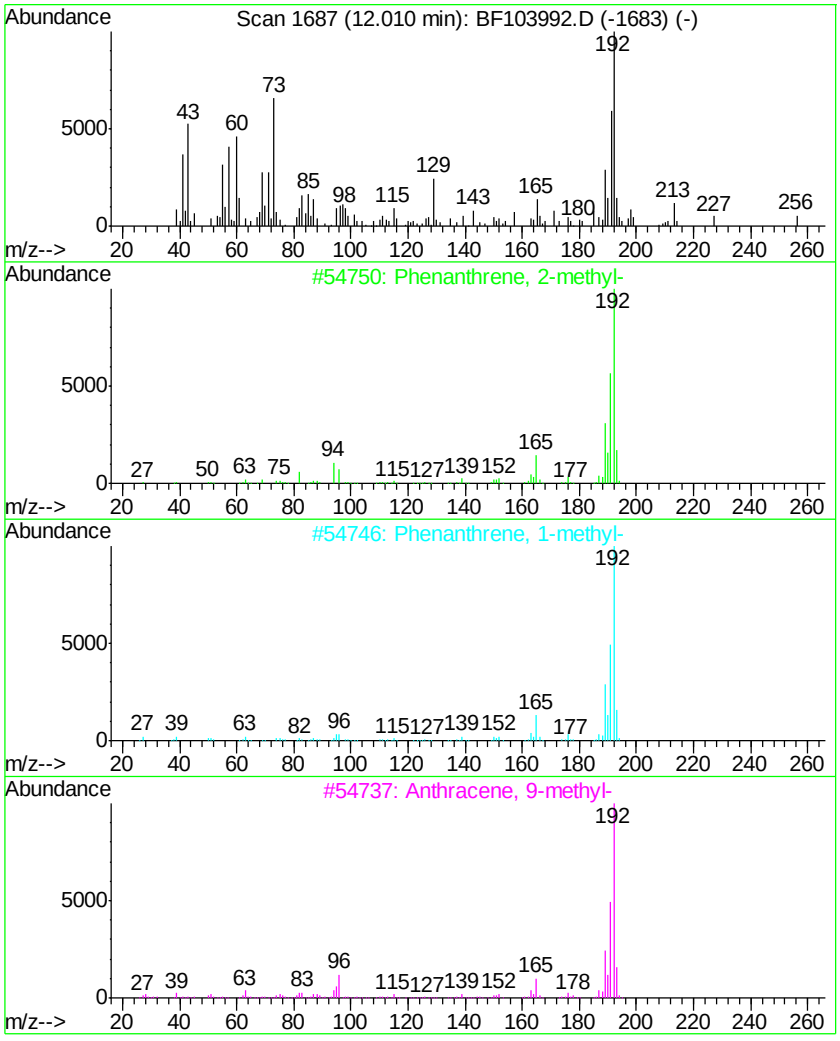
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

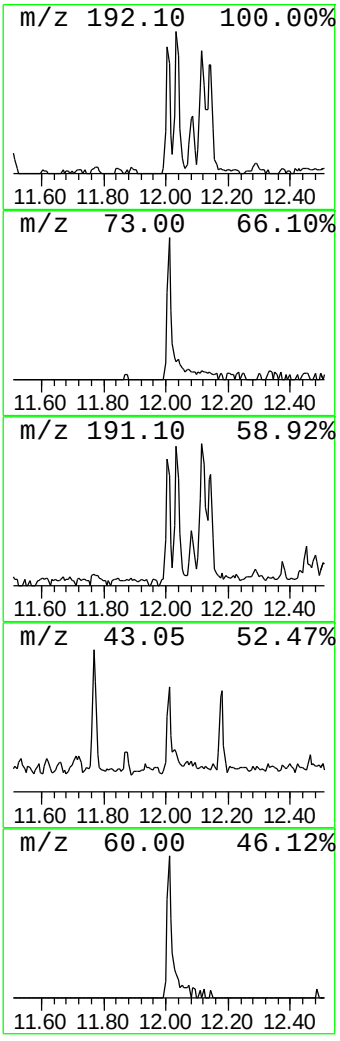
****

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	2.66 ng	132130	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	70





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
Data File : BF103992.D
Acq On : 28 Mar 2018 1:10
Operator : JU/SJ
Sample : J2048-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-106(2-3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

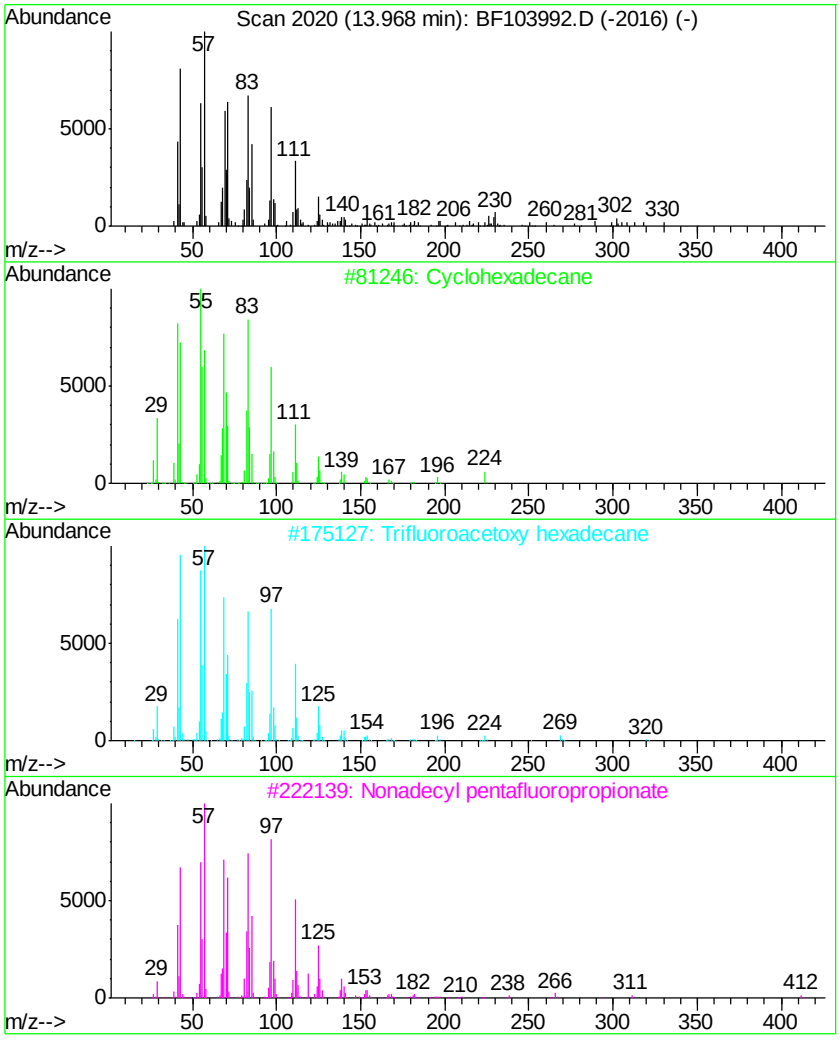
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

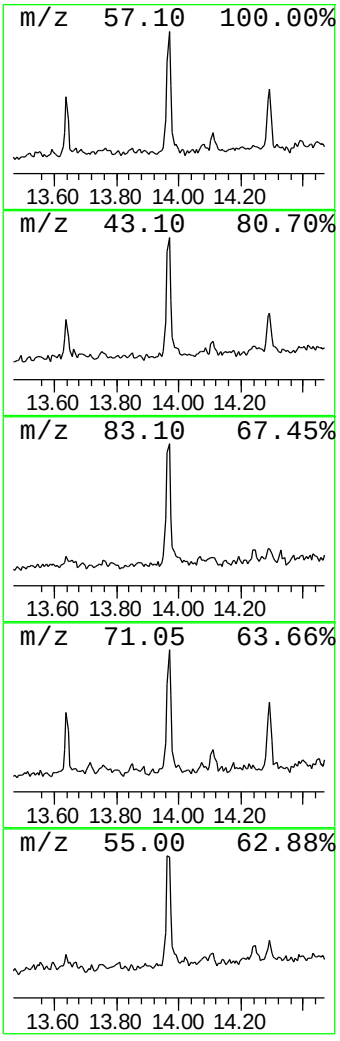
****

Peak Number 8 Cyclohexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	4.44 ng	197352	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	90
4	Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	87
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032718\
Data File : BF103992.D
Acq On : 28 Mar 2018 1:10
Operator : JU/SJ
Sample : J2048-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-106(2-3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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...	2.32	2.9	ng	122601	1	6.97	861859	20.0
2-Pentanone, 4-hy...	5.22	2.9	ng	125623	1	6.97	861859	20.0
unknown6.75	6.75	73.0	ng	3147550	1	6.97	861859	20.0
Octane, 2,4,6-tri...	10.42	2.4	ng	138021	3	10.01	1133980	20.0
Pentadecane	10.89	3.7	ng	181454	4	11.50	992118	20.0
Phenanthrene, 2-m...	12.01	2.7	ng	132130	4	11.50	992118	20.0
Cyclohexadecane	13.97	4.4	ng	197352	5	14.16	888642	20.0