LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF032218\
Data File : BF103857.D
Acq On : 22 Mar 2018 17:39
Operator : JU/SJ
Sample : J1997-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DGA-TOP-LAYER-1-A

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	2.251	24	28	35	rVB	61917	82668	7.48%	0.808%
2	4.587	421	425	432	rBV	47224	53753	4.87%	0.526%
3	5.187	523	527	536	rBV	165229	157445	14.25%	1.539%
4	5.581	591	594	605	rBV	54284	53244	4.82%	0.521%
5	6.581	761	764	768	rBV	240461	198602	17.98%	1.942%
6	6.734	787	790	796	rVB	124898	102708	9.30%	1.004%
7	6.969	827	830	834	rBV	864503	805776	72.93%	7.878%
8	7.104	850	853	854	rBV	59141	53970	4.88%	0.528%
9	7.128	854	857	861	rVB	256104	213187	19.30%	2.084%
10	7.528	921	925	933	rBV	168776	143321	12.97%	1.401%
11	8.257	1045	1049	1052	rBV	1173492	1064804	96.38%	10.411%
12	8.833	1142	1147	1151	rBV6	8910	12593	1.14%	0.123%
13	8.969	1167	1170	1173	rBV	17250	18107	1.64%	0.177%
14	9.069	1184	1187	1189	rVB2	20325	17370	1.57%	0.170%
15	9.257	1217	1219	1222	rVB	21253	14768	1.34%	0.144%
16	9.322	1227	1230	1235	rBV	352891	320354	29.00%	3.132%
17	9.398	1240	1243	1246	rBV3	29028	30195	2.73%	0.295%
18	9.475	1251	1256	1258	rVB4	9740	14536	1.32%	0.142%
19	9.592	1272	1276	1281	rBV	22032	34726	3.14%	0.340%
20	9.669	1285	1289	1292	rBV	27819	33177	3.00%	0.324%
21	9.716	1295	1297	1300	rVB	67578	50782	4.60%	0.497%
22	9.786	1305	1309	1310	rBV4	15725	18365	1.66%	0.180%
23	9.874	1321	1324	1328	rBV2	23178	22358	2.02%	0.219%
24	9.927	1329	1333	1337	rVB	51396	47348	4.29%	0.463%
25	10.016	1344	1348	1352	rBV	1230237	1104852	100.00%	10.803%
26	10.116	1361	1365	1369	rBV3	13363	18034	1.63%	0.176%
27	10.157	1369	1372	1375	rBV5	9756	12568	1.14%	0.123%
28	10.216	1379	1382	1385	rVB2	29670	31194	2.82%	0.305%
29	10.251	1385	1388	1392	rBV2	31499	28741	2.60%	0.281%
30	10.327	1398	1401	1403	rBV	20390	20900	1.89%	0.204%
31	10.357	1403	1406	1411	rVV4	16851	21402	1.94%	0.209%
32	10.427	1413	1418	1421	rVB2	70294	69332	6.28%	0.678%
33	10.645	1450	1455	1458	rBV	40616	46365	4.20%	0.453%
34	10.798	1479	1481	1486	rBV5	14774	18603	1.68%	0.182%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF032218\
Data File : BF103857.D
Acq On : 22 Mar 2018 17:39
Operator : JU/SJ
Sample : J1997-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DGA-TOP-LAYER-1-A

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	10.904	1495	1499	1508	rVB3	78170	140173	12.69%	1.371%
36	10.974	1508	1511	1513	rBV2	13142	14473	1.31%	0.142%
37	10.998	1513	1515	1518	rBV4	15164	19132	1.73%	0.187%
38	11.092	1529	1531	1535	rBV5	14851	24043	2.18%	0.235%
39	11.157	1539	1542	1545	rVB4	11539	15301	1.38%	0.150%
40	11.192	1545	1548	1550	rBV	15643	13035	1.18%	0.127%
41	11.227	1550	1554	1556	rBV5	16096	20937	1.90%	0.205%
42	11.310	1565	1568	1571	rBV	30875	26215	2.37%	0.256%
43	11.351	1572	1575	1577	rVV	77439	60609	5.49%	0.593%
44	11.380	1577	1580	1582	rVV	66092	62242	5.63%	0.609%
45	11.404	1582	1584	1587	rVB	32832	28797	2.61%	0.282%
46	11.433	1587	1589	1593	rBV5	9358	14818	1.34%	0.145%
47	11.504	1598	1601	1604	rBV	981638	956396	86.56%	9.351%
48	11.527	1604	1605	1610	rVV	243265	186299	16.86%	1.822%
49	11.580	1612	1614	1619	rVB	29406	25444	2.30%	0.249%
50	11.663	1625	1628	1630	rBV3	12975	15104	1.37%	0.148%
51	11.733	1637	1640	1643	rBV	32201	27378	2.48%	0.268%
52	11.780	1645	1648	1652	rVV	75335	62241	5.63%	0.609%
53	11.839	1655	1658	1661	rVB	32432	34084	3.08%	0.333%
54	12.010	1684	1687	1689	rBV	37790	40596	3.67%	0.397%
55	12.039	1689	1692	1696	rVB	48806	48001	4.34%	0.469%
56	12.116	1703	1705	1708	rBV2	29101	31151	2.82%	0.305%
57	12.186	1714	1717	1720	rBV	78171	66449	6.01%	0.650%
58	12.304	1734	1737	1739	rBV2	28213	30927	2.80%	0.302%
59	12.333	1739	1742	1748	rVB6	39868	54816	4.96%	0.536%
60	12.433	1757	1759	1761	rBV2	31189	28688	2.60%	0.280%
61	12.557	1778	1780	1781	rBV	33973	24703	2.24%	0.242%
62	12.580	1781	1784	1788	rVB	83577	87210	7.89%	0.853%
63	12.615	1788	1790	1793	rBV3	19283	17820	1.61%	0.174%
64	12.651	1793	1796	1799	rBV4	27072	33876	3.07%	0.331%
65	12.680	1799	1801	1805	rVB4	28559	28171	2.55%	0.275%
66	12.721	1805	1808	1813	rBV	230027	216177	19.57%	2.114%
67	12.763	1813	1815	1818	rBV4	25520	24431	2.21%	0.239%
68	12.951	1844	1847	1854	rVB2	237118	249379	22.57%	2.438%
69	13.063	1864	1866	1868	rBV2	41896	48037	4.35%	0.470%
70	13.086	1868	1870	1873	rVB	236284	217283	19.67%	2.124%
71	13.310	1905	1908	1910	rBV	103274	85386	7.73%	0.835%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF032218\
Data File : BF103857.D
Acq On : 22 Mar 2018 17:39
Operator : JU/SJ
Sample : J1997-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DGA-TOP-LAYER-1-A

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

72	13.651	1963	1966	1969	rBV	132319	113456	10.27%	1.109%
73	13.980	2020	2022	2024	rVB	110028	83102	7.52%	0.813%
74	14.157	2048	2052	2055	rBV	865518	920981	83.36%	9.005%
75	14.298	2074	2076	2079	rBV	118496	109688	9.93%	1.072%
76	14.615	2127	2130	2134	rVB	142820	138770	12.56%	1.357%
77	15.704	2311	2315	2323	rVB	617472	845764	76.55%	8.269%

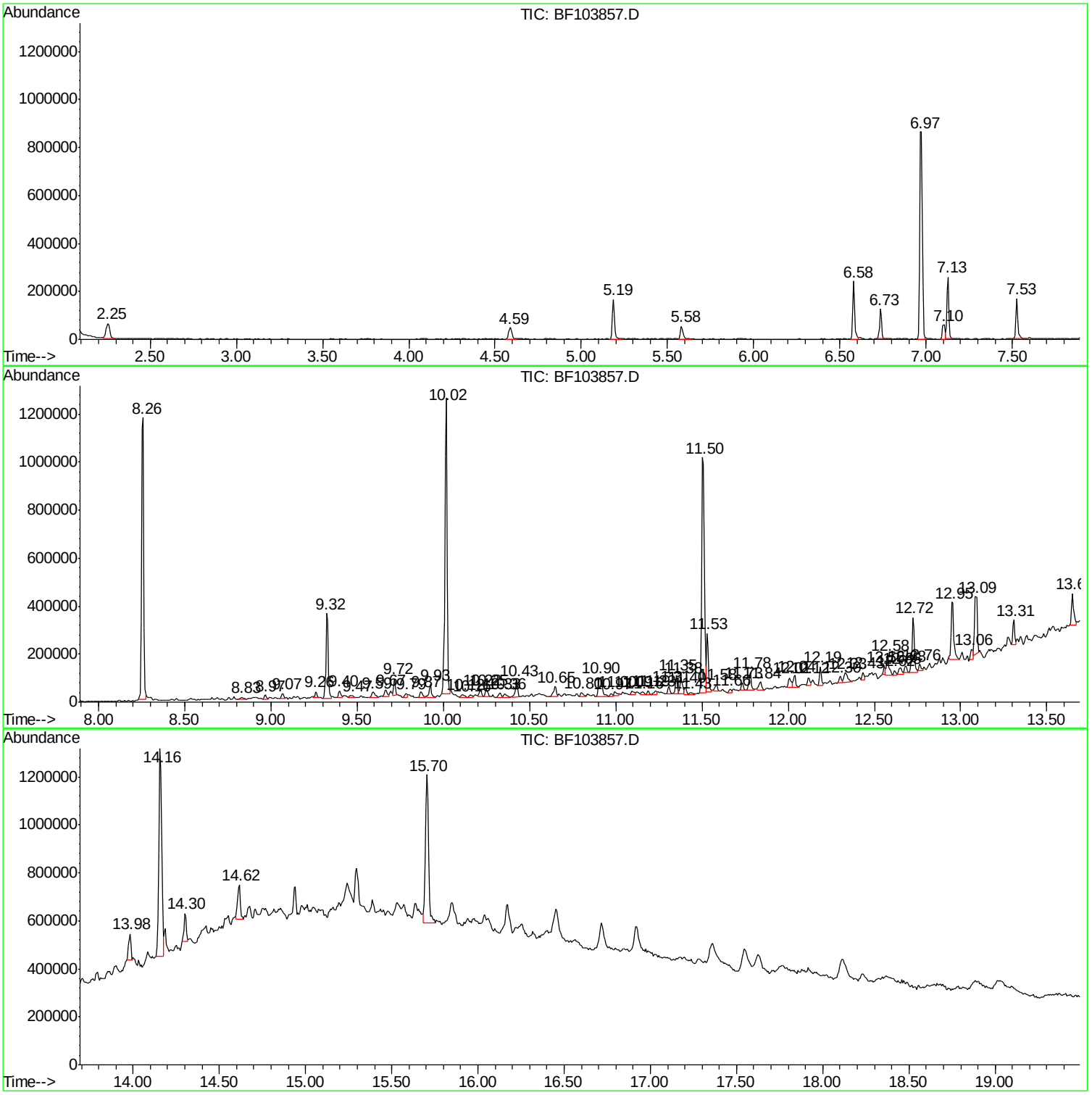
Sum of corrected areas: 10227731

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF032218\
Data File : BF103857.D
Acq On : 22 Mar 2018 17:39
Operator : JU/SJ
Sample : J1997-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DGA-TOP-LAYER-1-A

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



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Data File : BF103857.D
Acq On : 22 Mar 2018 17:39
Operator : JU/SJ
Sample : J1997-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DGA-TOP-LAYER-1-A

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

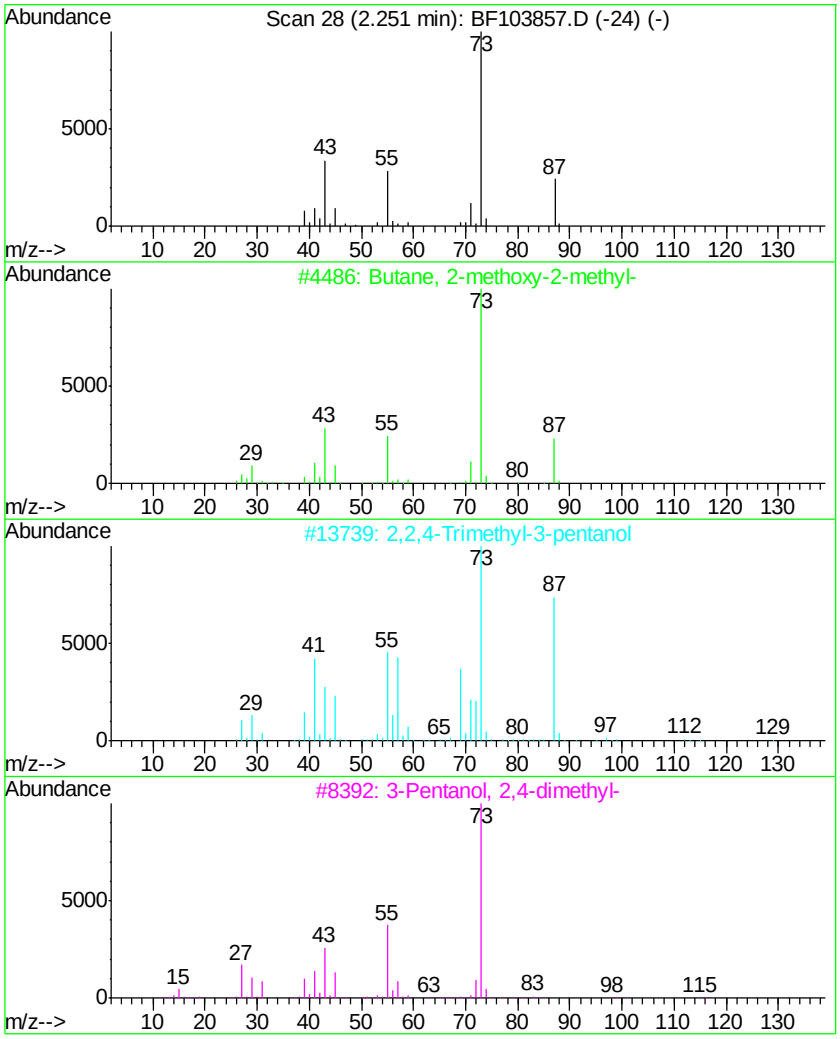
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

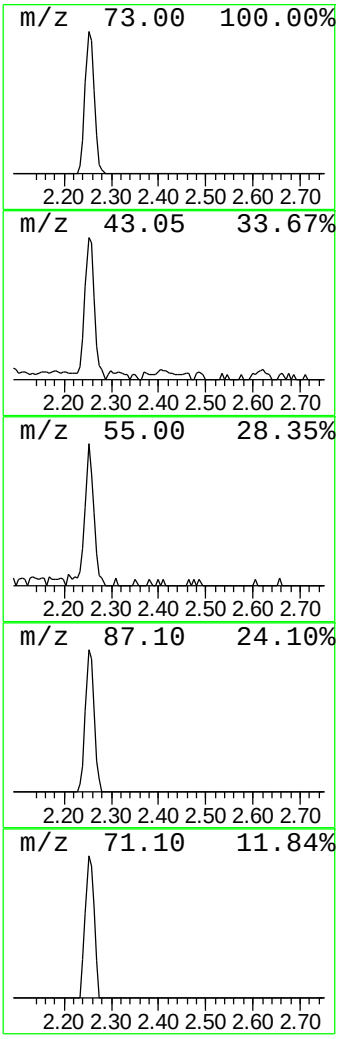
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.25	2.05 ng	82668	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	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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Data File : BF103857.D
Acq On : 22 Mar 2018 17:39
Operator : JU/SJ
Sample : J1997-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DGA-TOP-LAYER-1-A

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

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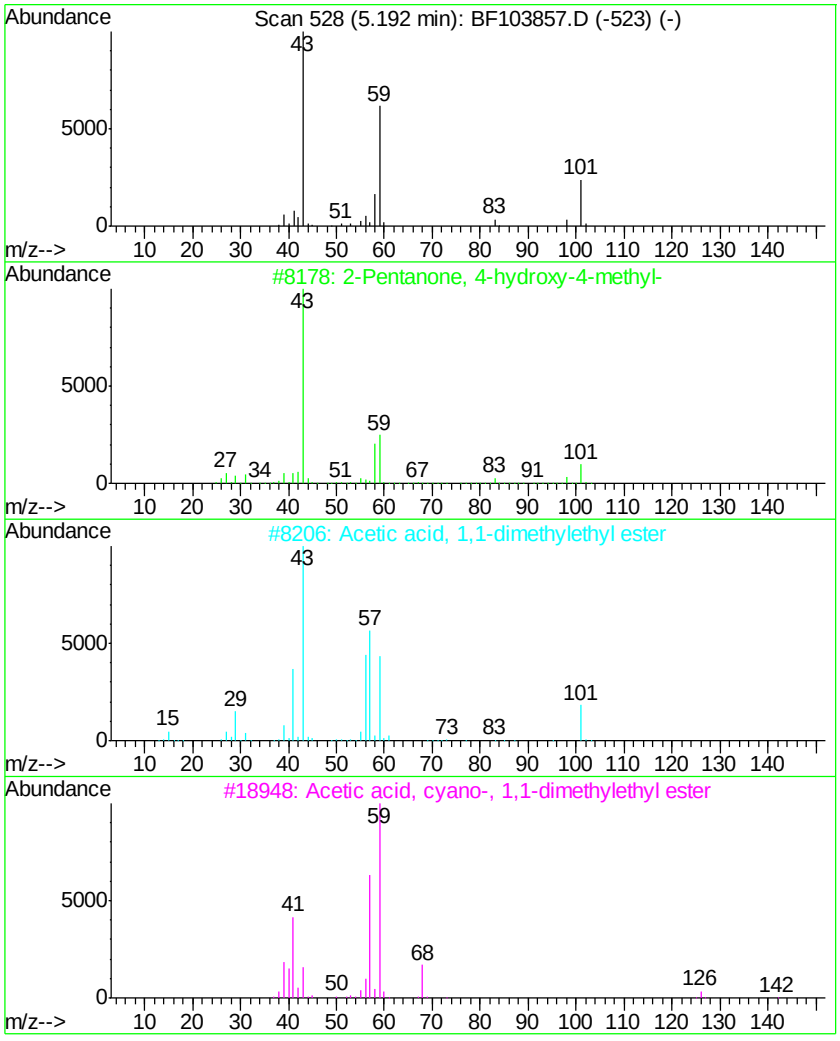
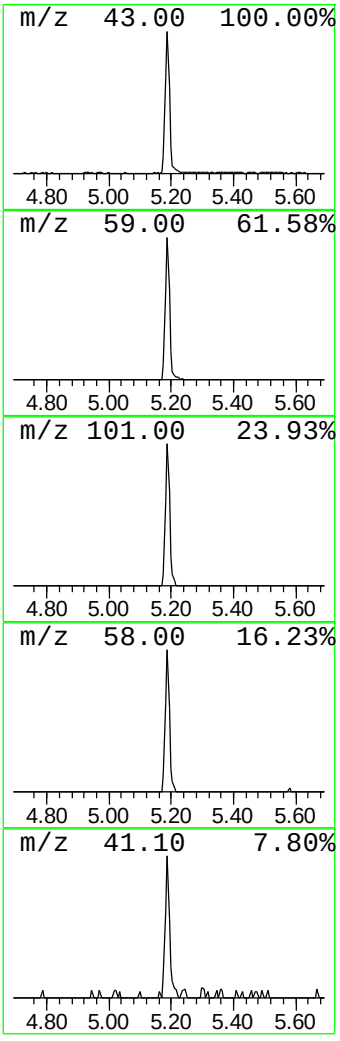
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	3.91 ng	157445	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	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF032218\
Data File : BF103857.D
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Misc :
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Instrument : BNA_F
ClientSampleId : DGA-TOP-LAYER-1-A

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

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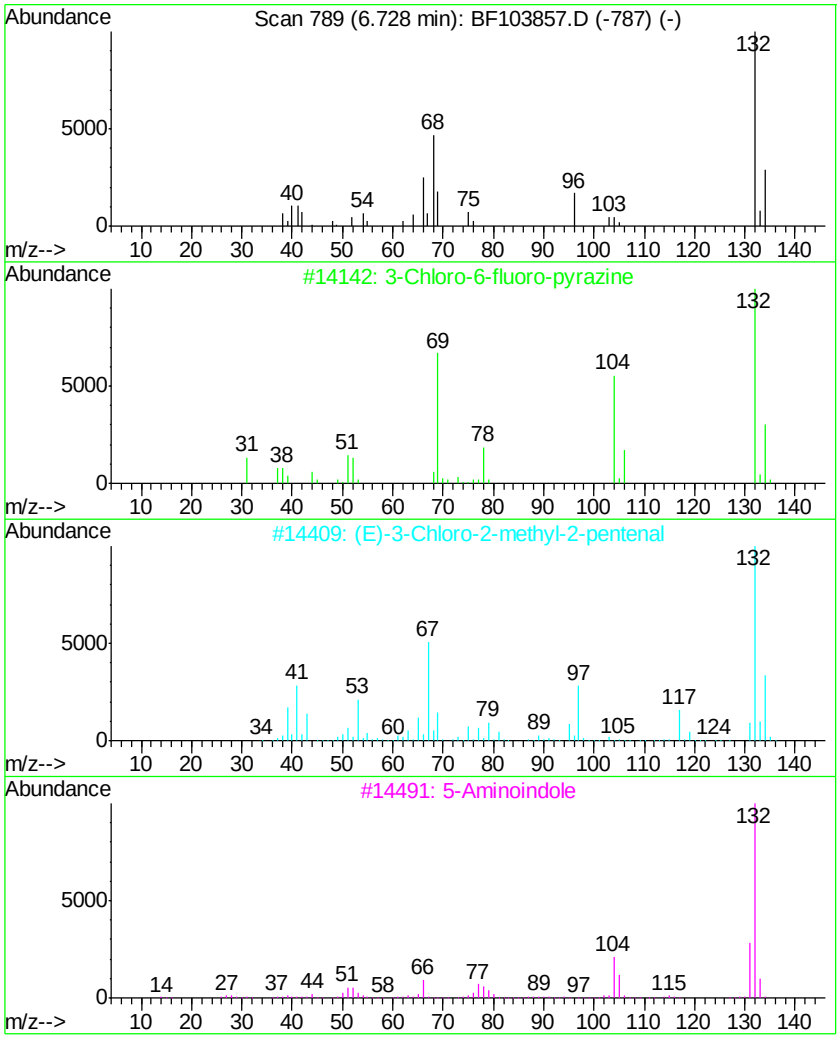
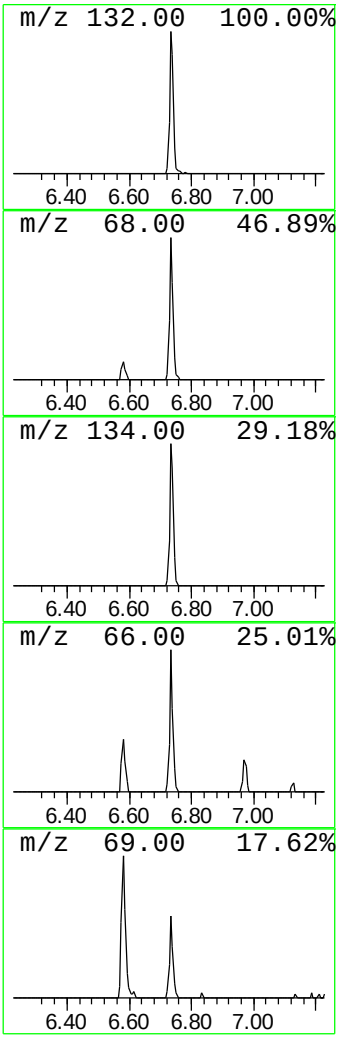
Peak Number 3 unknown6.73 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	2.55 ng	102708	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	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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ClientSampleId : DGA-TOP-LAYER-1-A

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

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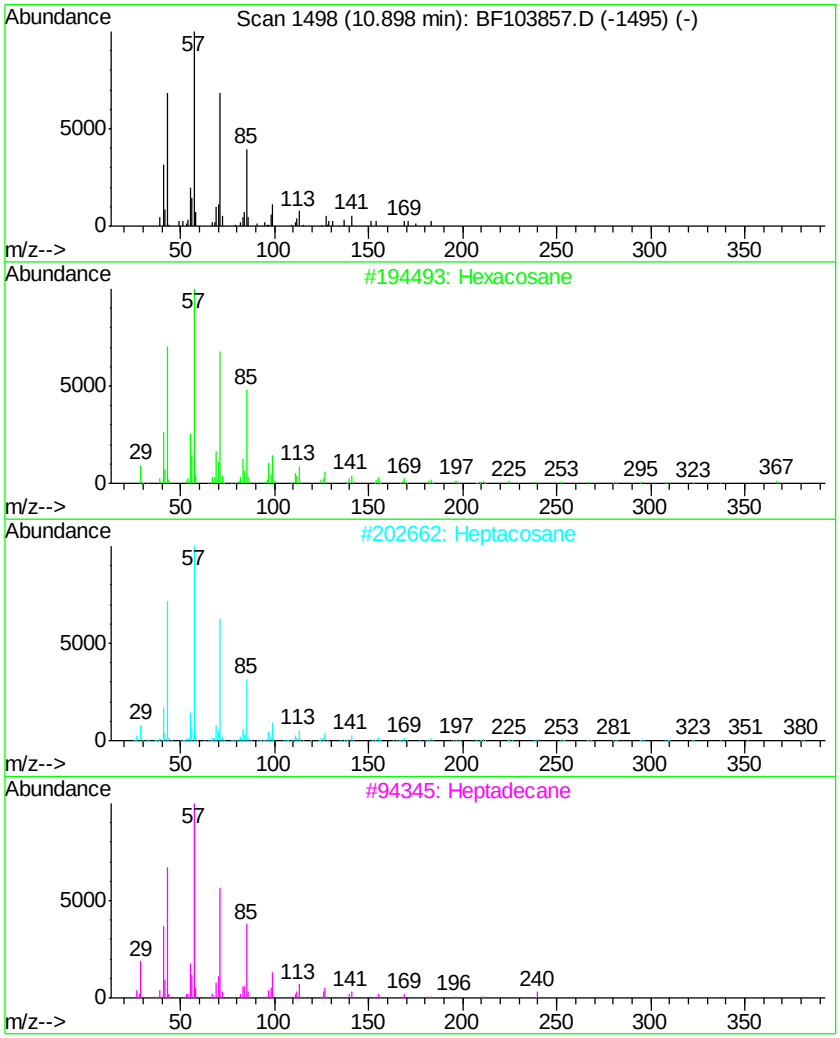
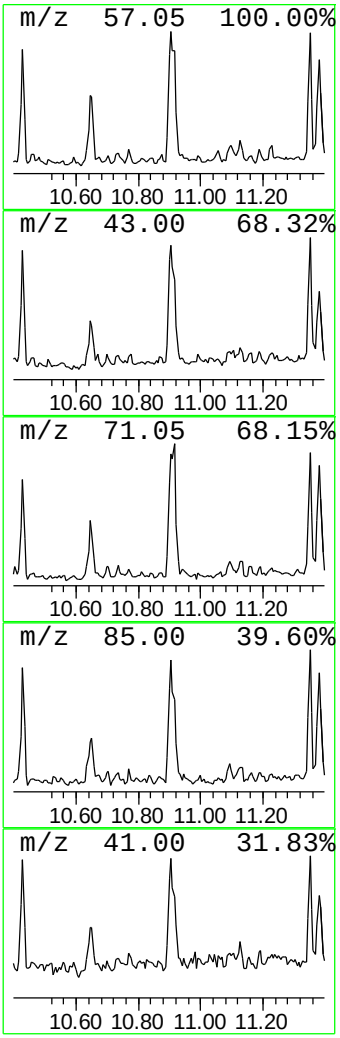
Peak Number 5 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	2.93 ng	140173	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Hexadecane	226	C16H34	000544-76-3	91
5	Octacosane	394	C28H58	000630-02-4	90





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Data File : BF103857.D
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Sample : J1997-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DGA-TOP-LAYER-1-A

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

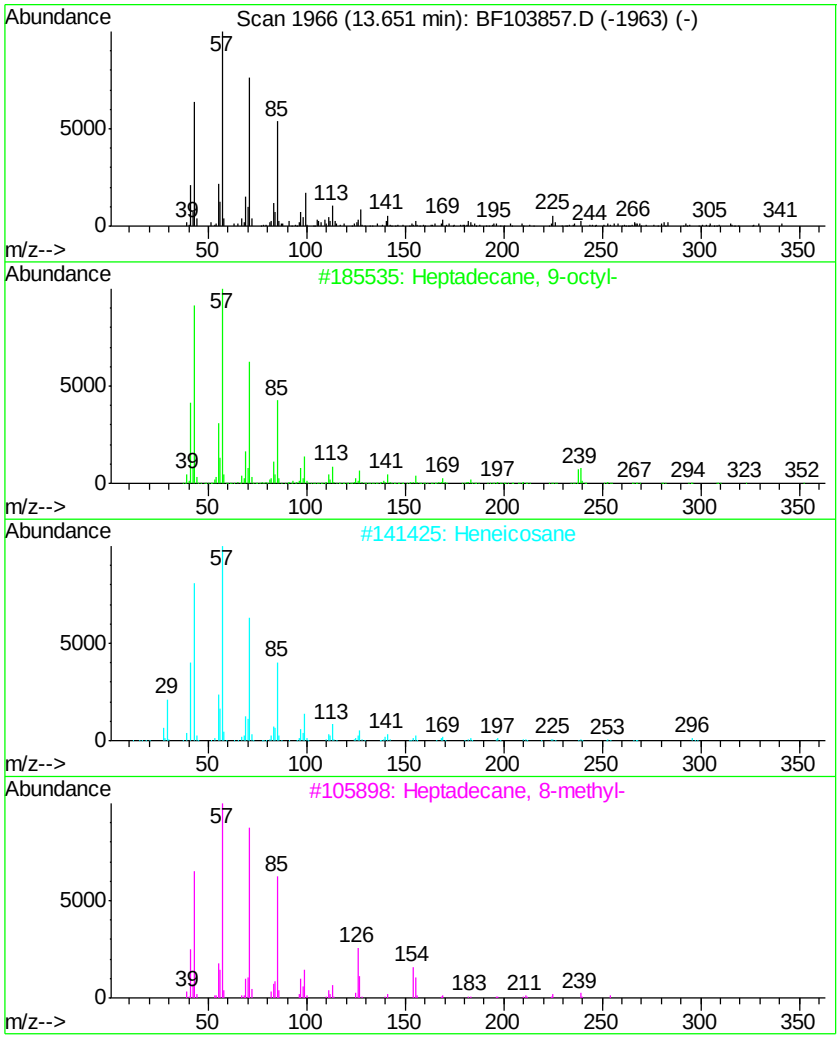
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

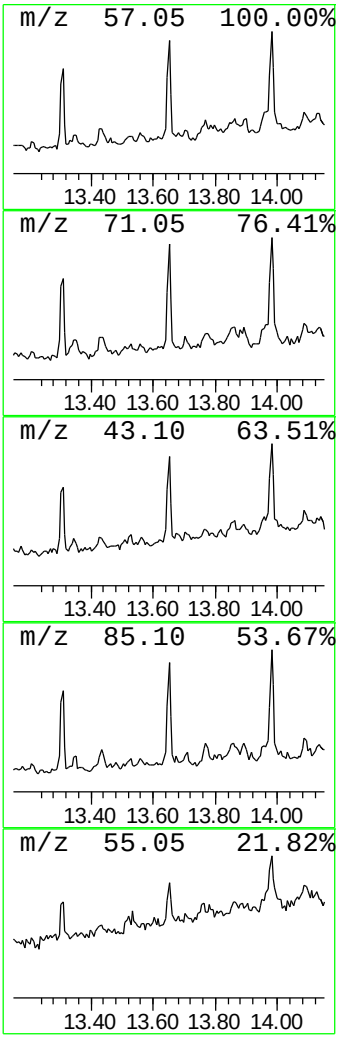
****

Peak Number 6 Heptadecane, 9-octyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	2.46 ng	113456	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
2	Heneicosane	296	C21H44	000629-94-7	87
3	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	87
4	Triacontane	422	C30H62	000638-68-6	87
5	Heptacosane	380	C27H56	000593-49-7	87





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Data File : BF103857.D
Acq On : 22 Mar 2018 17:39
Operator : JU/SJ
Sample : J1997-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DGA-TOP-LAYER-1-A

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

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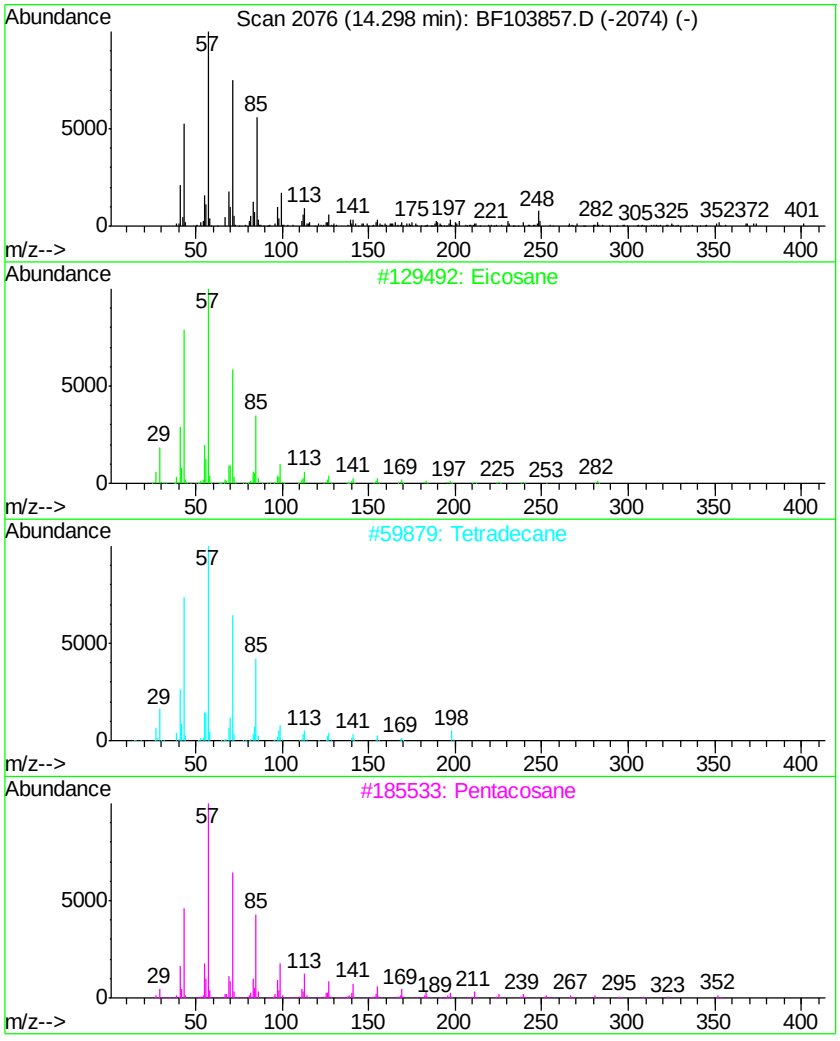
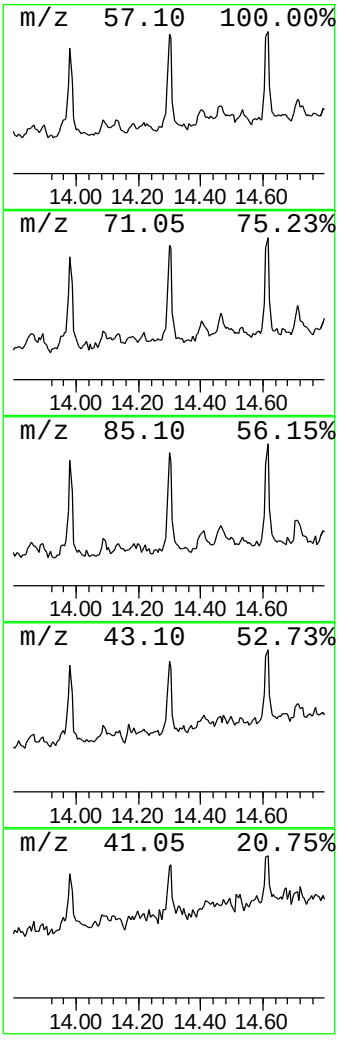
Peak Number 7 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	2.38 ng	109688	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Tetradecane	198	C14H30	000629-59-4	87
3	Pentacosane	352	C25H52	000629-99-2	87
4	Heptadecane	240	C17H36	000629-78-7	86
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	76





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF032218\
Data File : BF103857.D
Acq On : 22 Mar 2018 17:39
Operator : JU/SJ
Sample : J1997-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DGA-TOP-LAYER-1-A

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...	2.25	2.0	ng	82668	1	6.97	805776	20.0
2-Pentanone, 4-hy...	5.19	3.9	ng	157445	1	6.97	805776	20.0
unknown6.73	6.73	2.5	ng	102708	1	6.97	805776	20.0
Hexacosane	10.90	2.9	ng	140173	4	11.50	956396	20.0
Heptadecane, 9-oc...	13.65	2.5	ng	113456	5	14.16	920981	20.0
Eicosane	14.30	2.4	ng	109688	5	14.16	920981	20.0