LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021518\
Data File : BF103020.D
Acq On : 15 Feb 2018 16:27
Operator : SJ/JU
Sample : J1539-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-15-TRENCH-2-SW-(4-6)

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-BF020318.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	2.163	6	13	21	rVB	847577	1105552	25.25%	2.567%
2	5.110	511	514	523	rVB	116026	157260	3.59%	0.365%
3	5.498	575	580	583	rBV	4161130	4196029	95.85%	9.744%
4	6.504	745	751	770	rVB	3626771	4377734	100.00%	10.165%
5	6.645	770	775	778	rBV	4230463	4192319	95.76%	9.735%
6	6.875	810	814	817	rBV	1371438	1128387	25.78%	2.620%
7	7.034	836	841	844	rBV	3172970	3092055	70.63%	7.180%
8	7.439	904	910	913	rBV	2824960	2815828	64.32%	6.539%
9	7.510	919	922	932	rVV5	34387	52512	1.20%	0.122%
10	8.157	1028	1032	1044	rVB	1760389	1559528	35.62%	3.621%
11	9.233	1209	1215	1218	rBV	4196155	4064289	92.84%	9.438%
12	9.304	1224	1227	1229	rBV	91690	71482	1.63%	0.166%
13	9.622	1277	1281	1284	rBV	388305	336726	7.69%	0.782%
14	9.833	1313	1317	1320	rBV	242386	190732	4.36%	0.443%
15	9.910	1326	1330	1334	rBV	1774943	1706541	38.98%	3.963%
16	10.063	1352	1356	1359	rBV2	32036	46386	1.06%	0.108%
17	10.151	1369	1371	1376	rBV2	46134	51527	1.18%	0.120%
18	10.333	1399	1402	1405	rVB	279955	214427	4.90%	0.498%
19	10.551	1434	1439	1442	rBV	70654	94237	2.15%	0.219%
20	10.704	1461	1465	1474	rVB	2675925	2764665	63.15%	6.420%
21	10.804	1479	1482	1492	rVB	254112	279608	6.39%	0.649%
22	10.957	1504	1508	1513	rBV	77490	68624	1.57%	0.159%
23	11.045	1519	1523	1528	rVB4	33362	49238	1.12%	0.114%
24	11.251	1555	1558	1561	rBV	126295	113497	2.59%	0.264%
25	11.280	1561	1563	1569	rVB2	52819	61492	1.40%	0.143%
26	11.398	1579	1583	1586	rBV	1717690	1675970	38.28%	3.892%
27	11.427	1586	1588	1593	rVB3	79684	90673	2.07%	0.211%
28	11.680	1628	1631	1634	rBV	75210	55747	1.27%	0.129%
29	11.916	1667	1671	1679	rVB3	52929	78688	1.80%	0.183%
30	12.086	1697	1700	1702	rBV	61408	48516	1.11%	0.113%
31	12.616	1787	1790	1795	rVB	78748	70902	1.62%	0.165%
32	12.845	1824	1829	1831	rBV	79012	78869	1.80%	0.183%
33	12.869	1831	1833	1836	rVB	82070	64962	1.48%	0.151%
34	12.986	1848	1853	1856	rBV	3746176	3861429	88.21%	8.967%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021518\
Data File : BF103020.D
Acq On : 15 Feb 2018 16:27
Operator : SJ/JU
Sample : J1539-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-15-TRENCH-2-SW-(4-6)

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-BF020318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.533	1943	1946	1950	rBV3	44389	49730	1.14%	0.115%
36	13.863	1999	2002	2011	rBV	408578	467707	10.68%	1.086%
37	14.039	2028	2032	2036	rBV	1447124	1429185	32.65%	3.319%
38	14.498	2106	2110	2116	rBV3	76985	123617	2.82%	0.287%
39	14.786	2155	2159	2166	rBV	559822	621413	14.19%	1.443%
40	15.139	2216	2219	2222	rBV2	49425	46261	1.06%	0.107%
41	15.457	2270	2273	2278	rVB4	32443	47714	1.09%	0.111%
42	15.521	2278	2284	2291	rBV	913255	1187216	27.12%	2.757%
43	15.962	2355	2359	2365	rBV	44863	75961	1.74%	0.176%
44	16.015	2365	2368	2378	rVV8	35158	68498	1.56%	0.159%
45	16.474	2442	2446	2451	rVB3	46519	69372	1.58%	0.161%
46	17.080	2545	2549	2558	rVB5	31253	61610	1.41%	0.143%

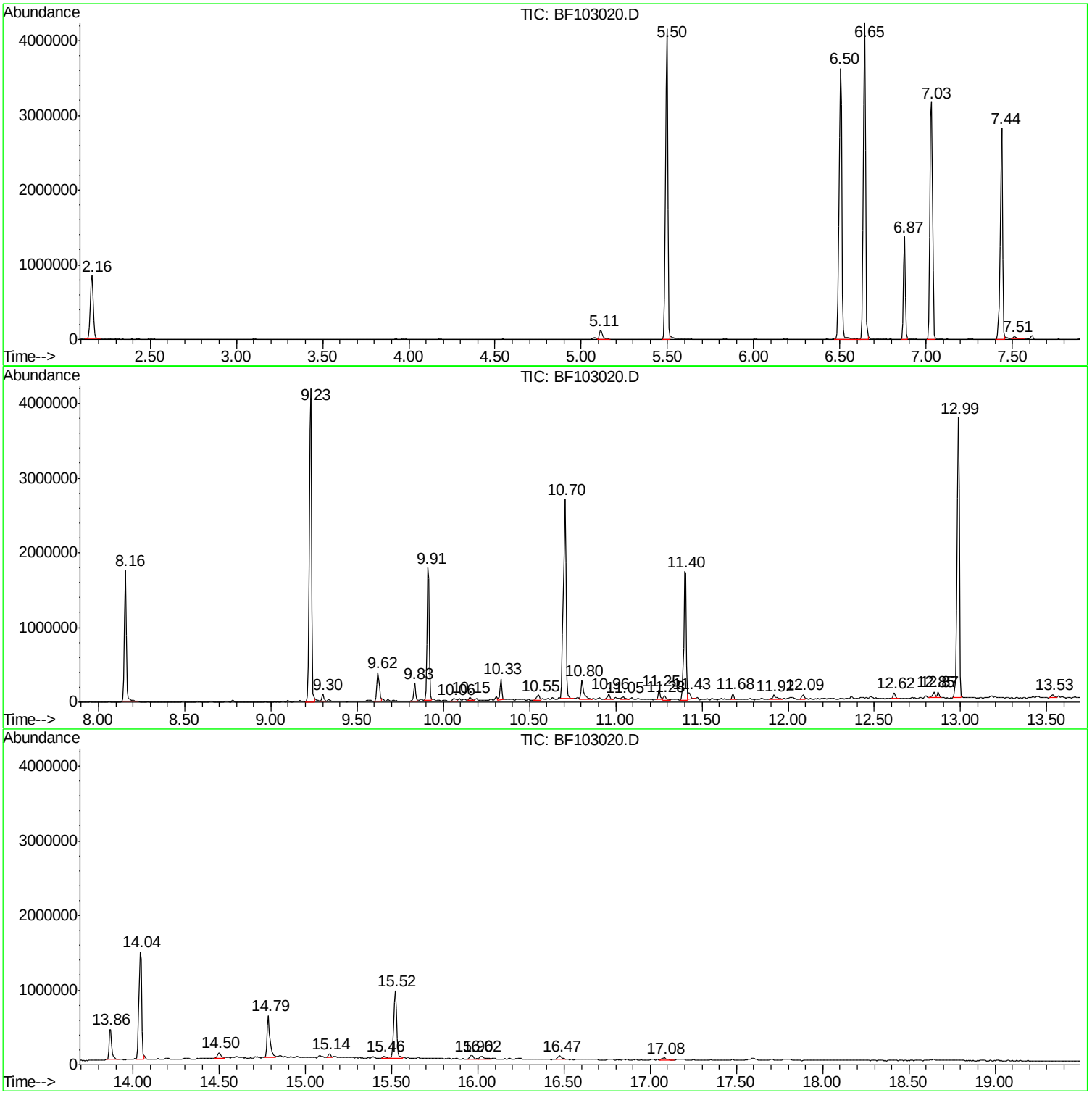
Sum of corrected areas: 43064715

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021518\
Data File : BF103020.D
Acq On : 15 Feb 2018 16:27
Operator : SJ/JU
Sample : J1539-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-SW-(4-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021518\
Data File : BF103020.D
Acq On : 15 Feb 2018 16:27
Operator : SJ/JU
Sample : J1539-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-15-TRENCH-2-SW-(4-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

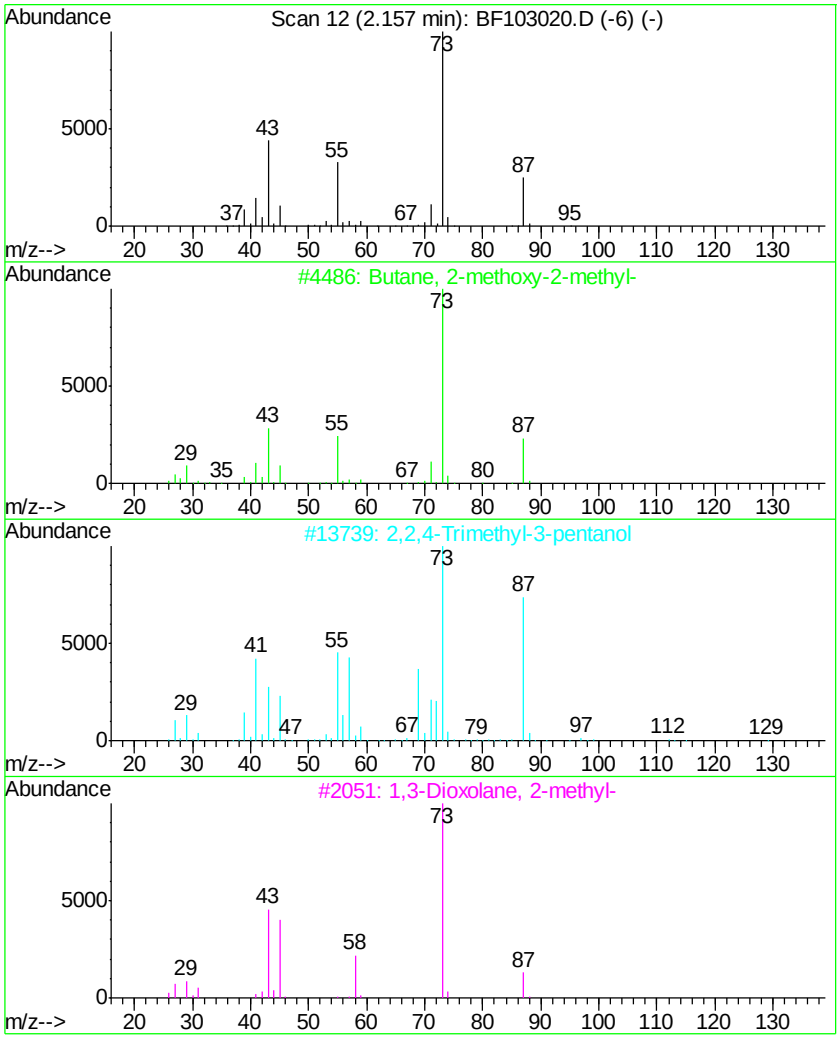
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

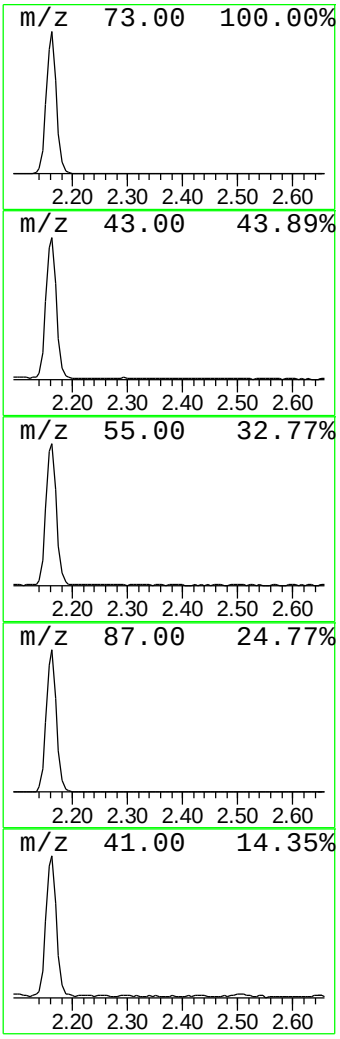
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	19.60 ng	1105550	1,4-Dichlorobenzene-d4	6.87

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	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021518\
Data File : BF103020.D
Acq On : 15 Feb 2018 16:27
Operator : SJ/JU
Sample : J1539-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-15-TRENCH-2-SW-(4-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

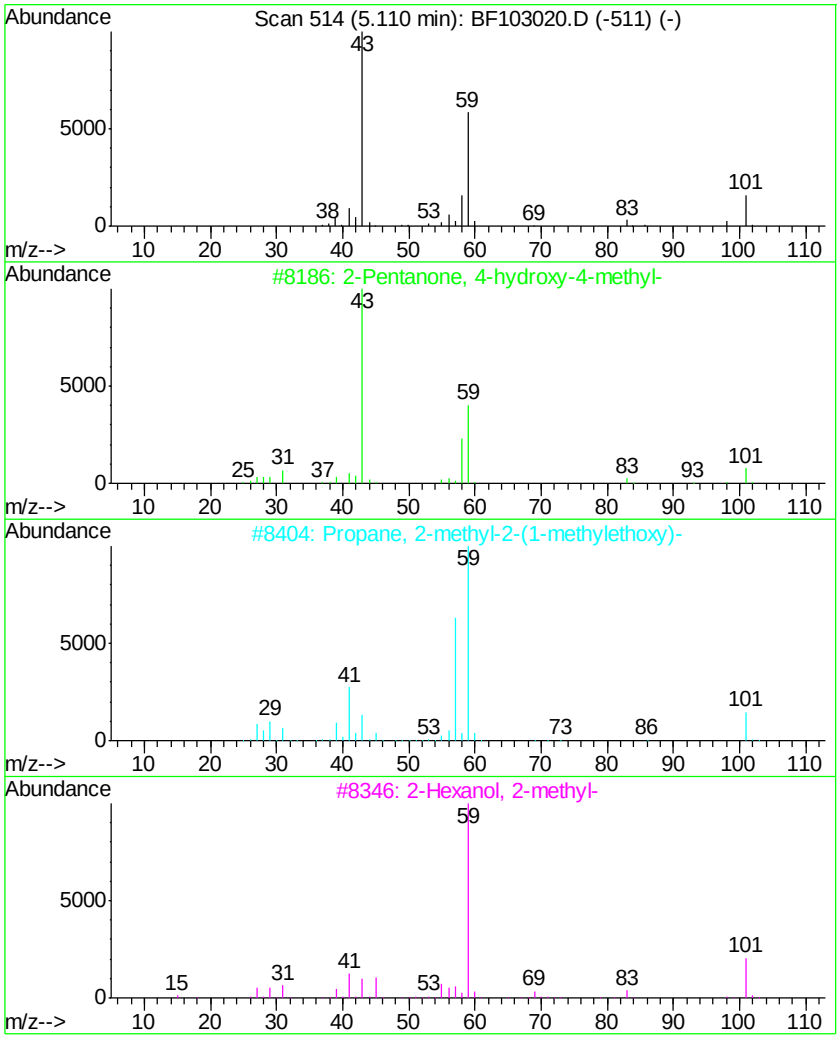
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

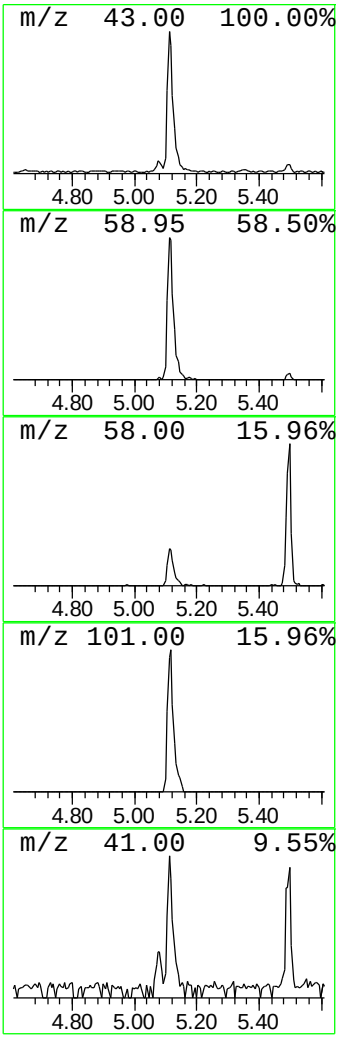
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	2.79 ng	157260	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
4	3-Octanol	130	C8H18O	000589-98-0	33
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021518\
Data File : BF103020.D
Acq On : 15 Feb 2018 16:27
Operator : SJ/JU
Sample : J1539-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-SW-(4-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

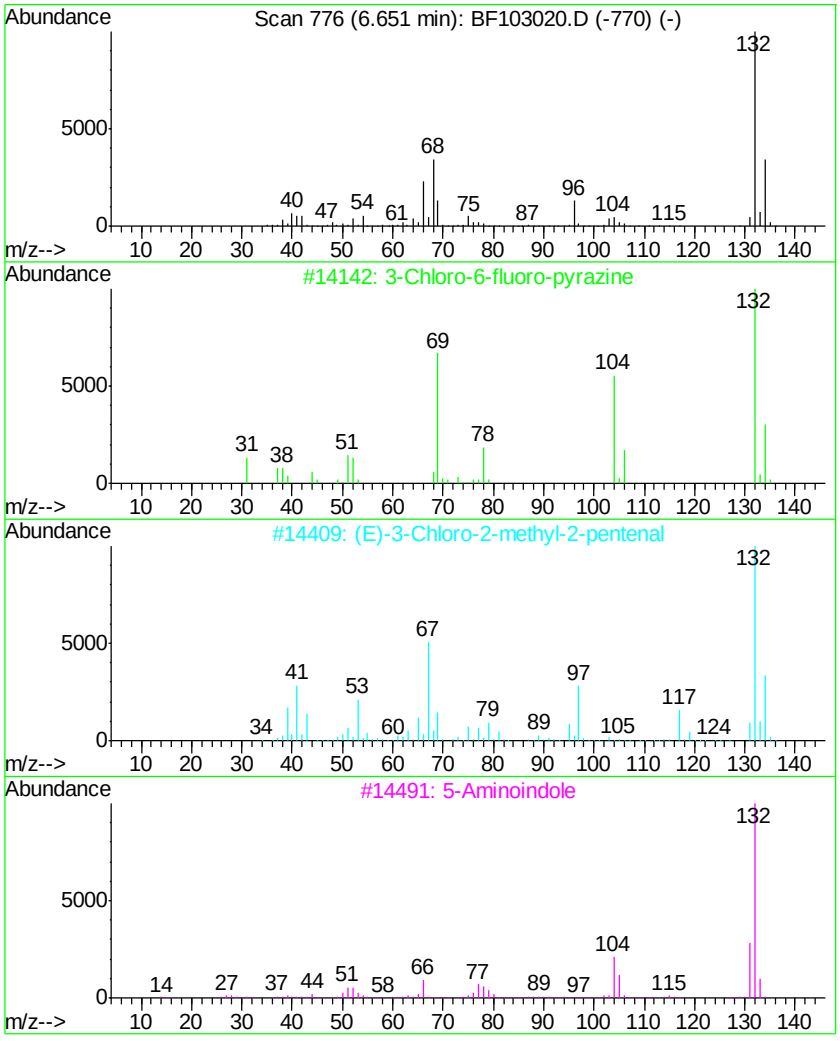
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

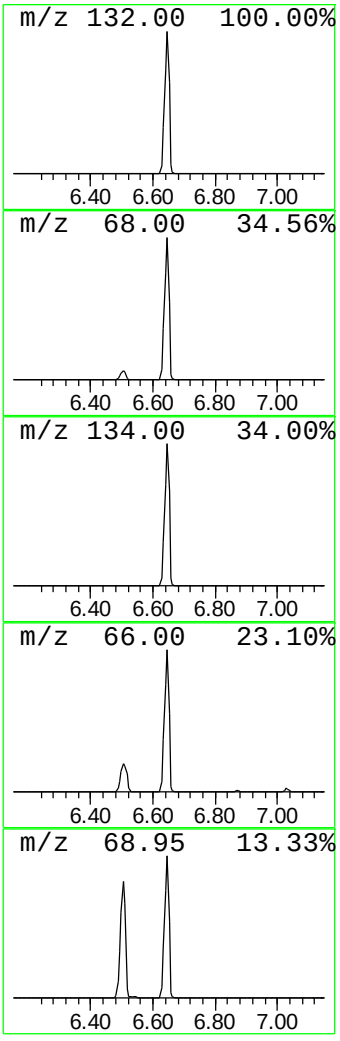
****

Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	74.31 ng	4192320	1,4-Dichlorobenzene-d4	6.87

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	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021518\
Data File : BF103020.D
Acq On : 15 Feb 2018 16:27
Operator : SJ/JU
Sample : J1539-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-15-TRENCH-2-SW-(4-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

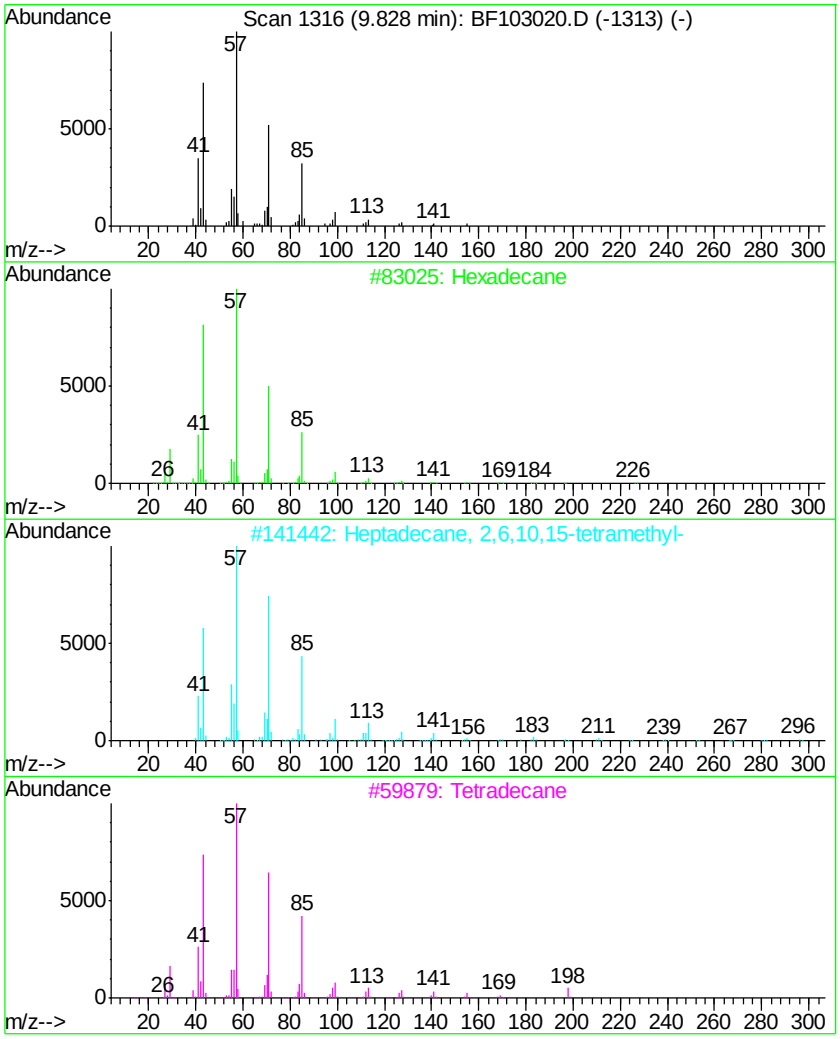
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

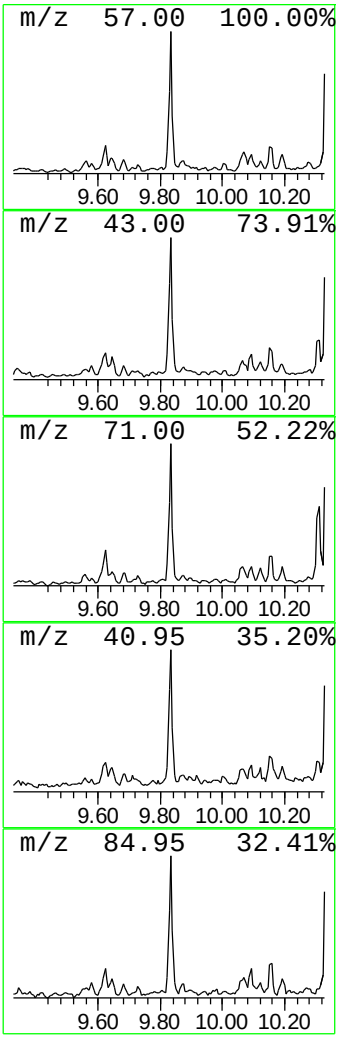
****

Peak Number 5 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	2.24 ng	190732	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
3	Tetradecane	198	C14H30	000629-59-4	80
4	Tridecane	184	C13H28	000629-50-5	80
5	Dodecane	170	C12H26	000112-40-3	80





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021518\
Data File : BF103020.D
Acq On : 15 Feb 2018 16:27
Operator : SJ/JU
Sample : J1539-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-SW-(4-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

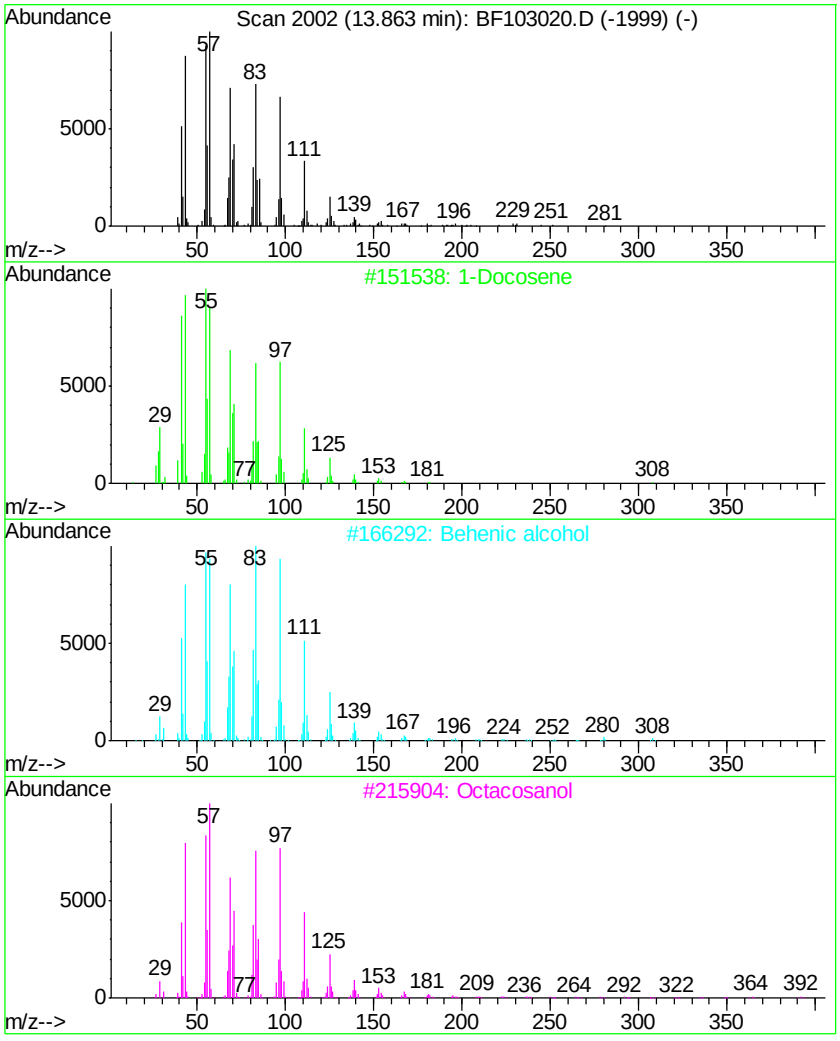
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

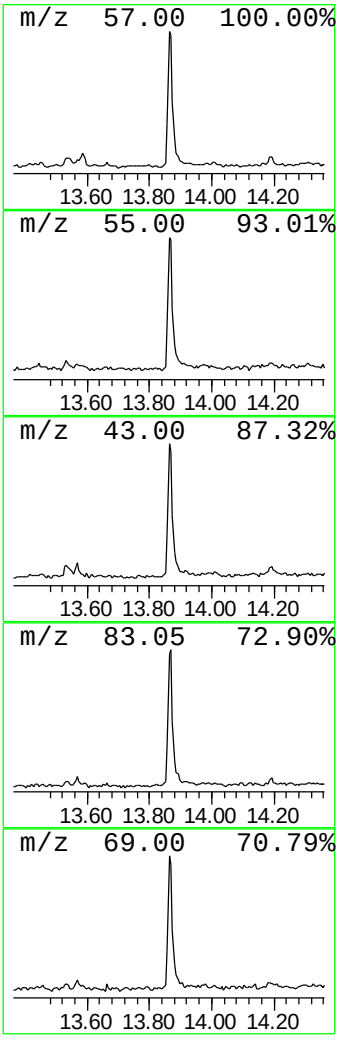
****

Peak Number 8 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	6.55 ng	467707	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	Behenic alcohol	326	C22H46O	000661-19-8	91
3	Octacosanol	410	C28H58O	000557-61-9	91
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021518\
Data File : BF103020.D
Acq On : 15 Feb 2018 16:27
Operator : SJ/JU
Sample : J1539-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-15-TRENCH-2-SW-(4-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

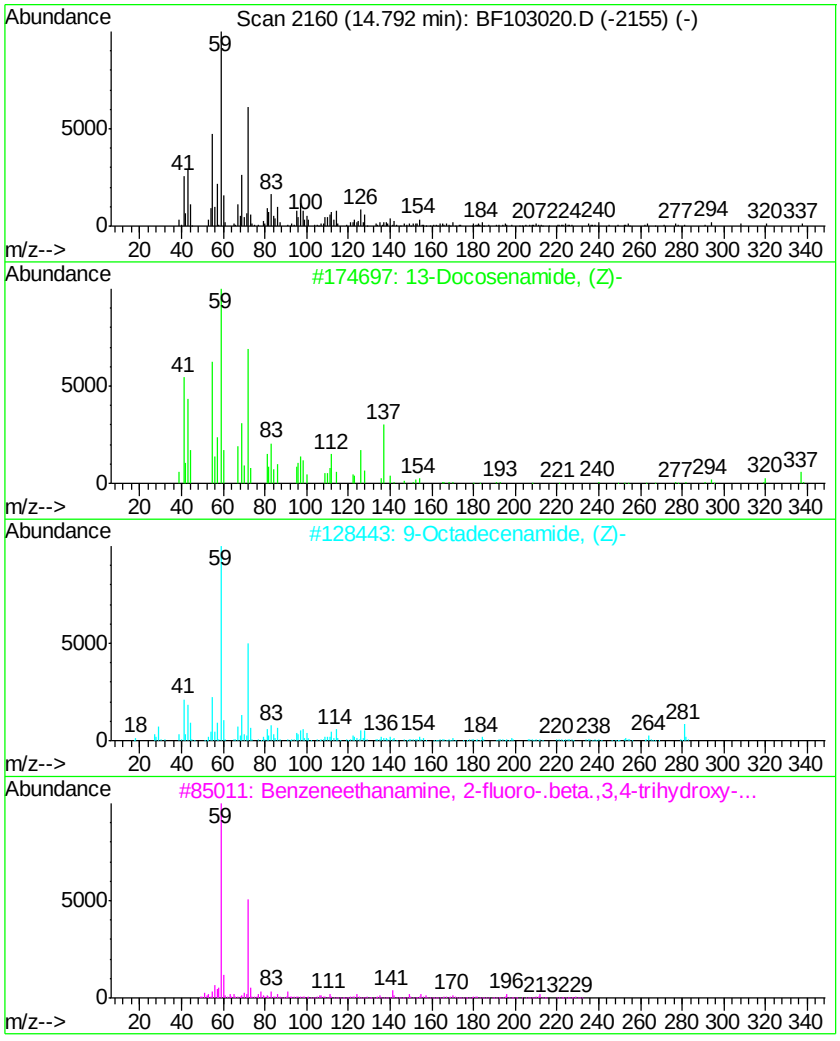
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

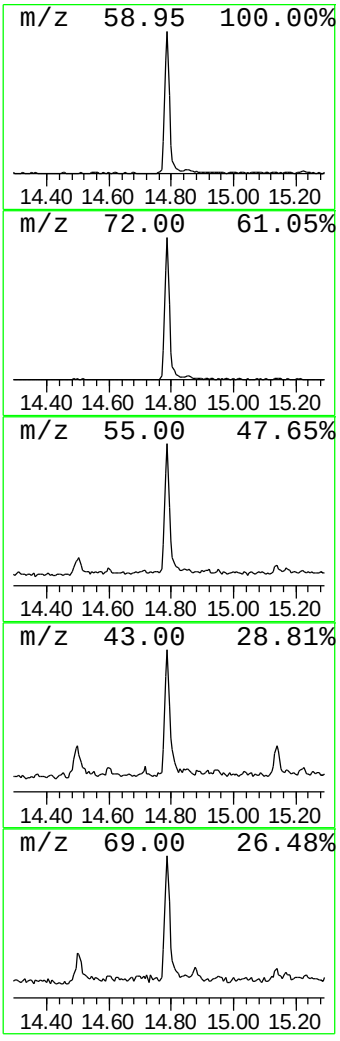
****

Peak Number 9 13-Docosenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	10.47 ng	621413	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	93
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
3	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	72
4	Hexadecanamide	255	C16H33NO	000629-54-9	72
5	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	64





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021518\
Data File : BF103020.D
Acq On : 15 Feb 2018 16:27
Operator : SJ/JU
Sample : J1539-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-15-TRENCH-2-SW-(4-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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...	2.16	19.6	ng	1105550	1	6.87	1128390	20.0
2-Pentanone, 4-hy...	5.11	2.8	ng	157260	1	6.87	1128390	20.0
unknown6.65	6.65	74.3	ng	4192320	1	6.87	1128390	20.0
Hexadecane	9.83	2.2	ng	190732	3	9.91	1706540	20.0
1-Docosene	13.86	6.5	ng	467707	5	14.04	1429190	20.0
13-Docosenamide, ...	14.79	10.5	ng	621413	6	15.52	1187220	20.0