LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
Data File : BF102990.D
Acq On : 14 Feb 2018 15:36
Operator : SJ/JU
Sample : J1541-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-C-1-3

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-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	2.169	8	14	27	rVB	930507	1267394	29.28%	3.623%
2	5.116	512	515	529	rVB	120592	159732	3.69%	0.457%
3	5.498	575	580	584	rBV	3933337	4328817	100.00%	12.374%
4	6.510	746	752	761	rBV	3643397	4291066	99.13%	12.266%
5	6.645	770	775	779	rBV	3954171	4203173	97.10%	12.015%
6	6.875	810	814	818	rBV	1211692	943796	21.80%	2.698%
7	7.034	836	841	844	rBV	3511017	3215711	74.29%	9.192%
8	7.439	904	910	913	rBV	2692767	2785719	64.35%	7.963%
9	8.157	1028	1032	1044	rVB	1441920	1227515	28.36%	3.509%
10	9.233	1210	1215	1218	rBV	4149648	3755551	86.76%	10.735%
11	9.304	1224	1227	1230	rBV	56650	47125	1.09%	0.135%
12	9.622	1277	1281	1284	rBV	255771	215425	4.98%	0.616%
13	9.833	1311	1317	1321	rBV	156683	134698	3.11%	0.385%
14	9.910	1327	1330	1334	rBV	1129699	1102737	25.47%	3.152%
15	10.333	1399	1402	1405	rVB	164238	127463	2.94%	0.364%
16	10.551	1435	1439	1446	rBV	45674	60210	1.39%	0.172%
17	10.704	1461	1465	1474	rVB	1777790	1707956	39.46%	4.882%
18	10.804	1479	1482	1492	rVB	133944	169947	3.93%	0.486%
19	10.957	1505	1508	1513	rBV	43686	43786	1.01%	0.125%
20	11.257	1556	1559	1561	rBV	73624	59886	1.38%	0.171%
21	11.398	1580	1583	1587	rBV	878059	842029	19.45%	2.407%
22	12.616	1787	1790	1793	rBV	49056	44049	1.02%	0.126%
23	12.986	1848	1853	1856	rBV	2488434	2315448	53.49%	6.619%
24	13.863	1999	2002	2011	rBV	348987	372115	8.60%	1.064%
25	14.039	2028	2032	2036	rBV	869240	806186	18.62%	2.304%
26	14.498	2107	2110	2115	rBV3	62096	73897	1.71%	0.211%
27	15.521	2279	2284	2291	rVB	503349	682178	15.76%	1.950%

Sum of corrected areas: 34983609

LSC Report - Integrated Chromatogram

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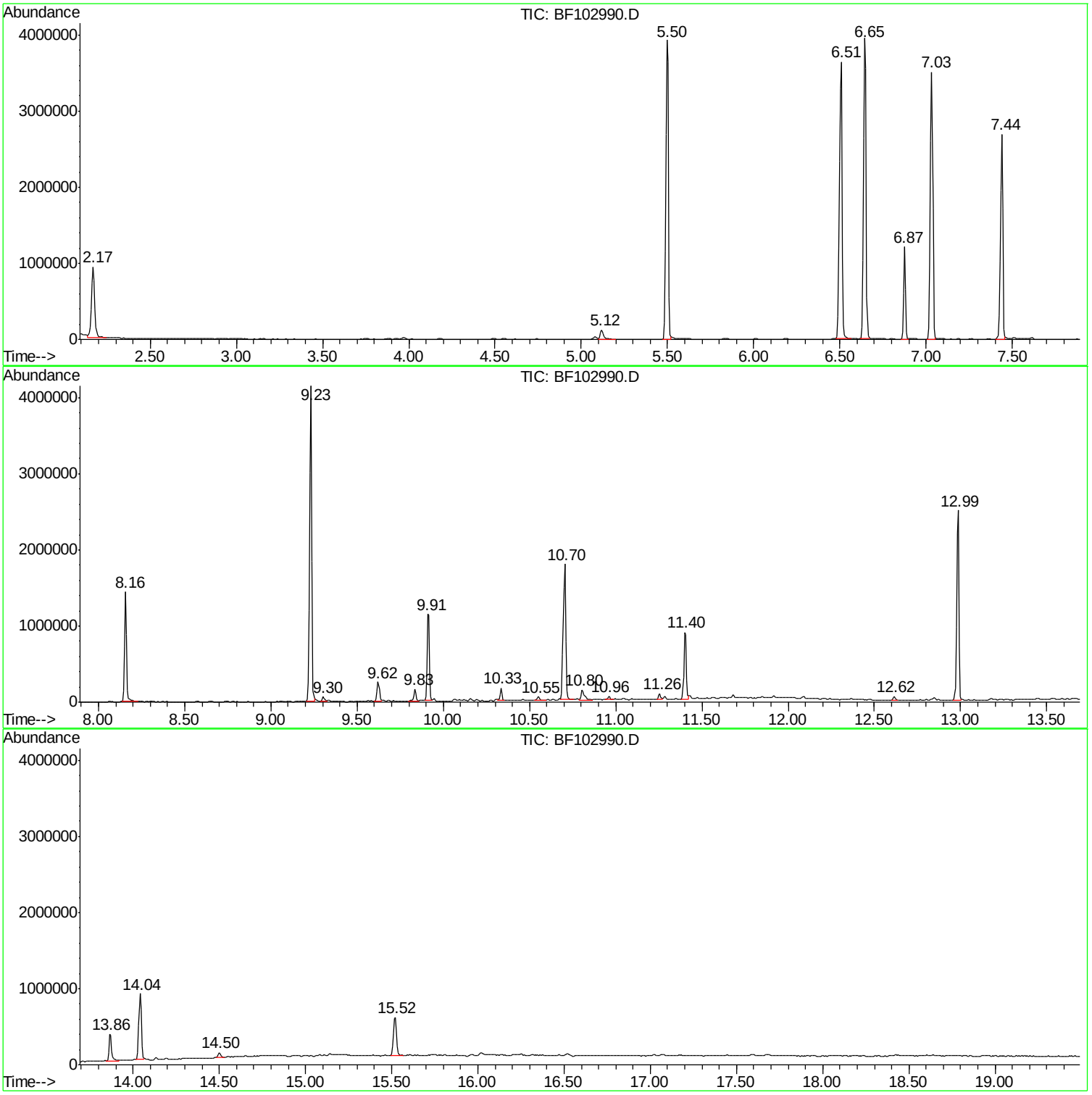
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-C-1-3

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
Data File : BF102990.D
Acq On : 14 Feb 2018 15:36
Operator : SJ/JU
Sample : J1541-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-C-1-3

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

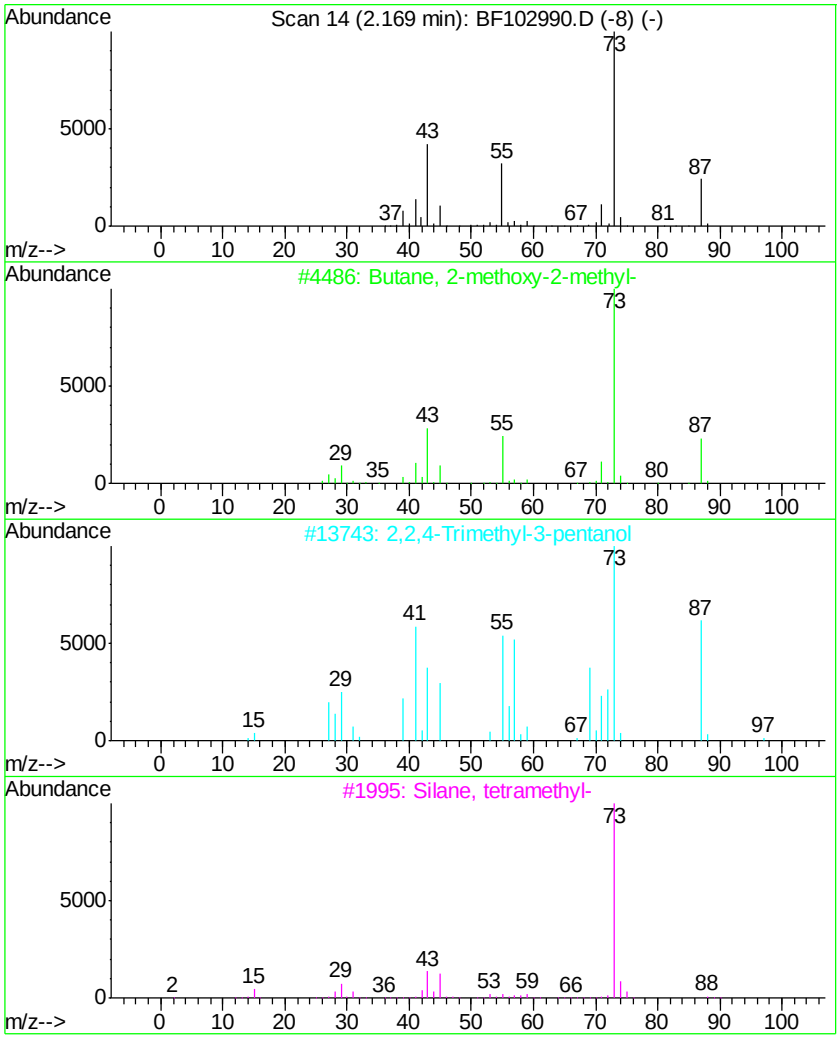
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

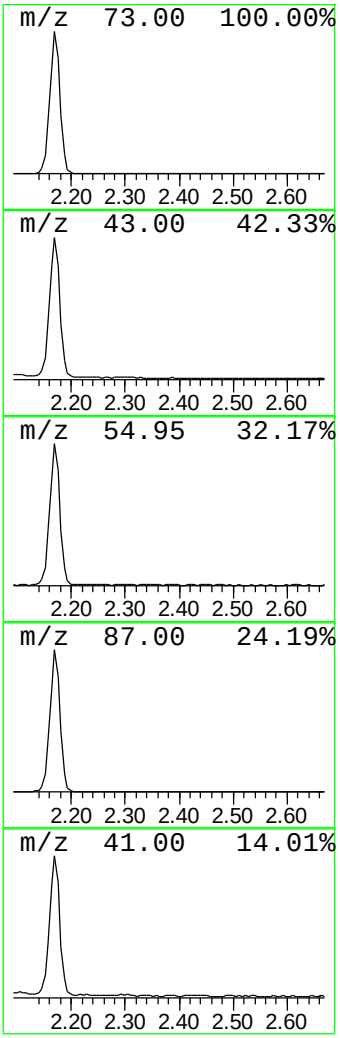
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	26.86 ng	1267390	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	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23





Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
Data File : BF102990.D
Acq On : 14 Feb 2018 15:36
Operator : SJ/JU
Sample : J1541-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-C-1-3

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

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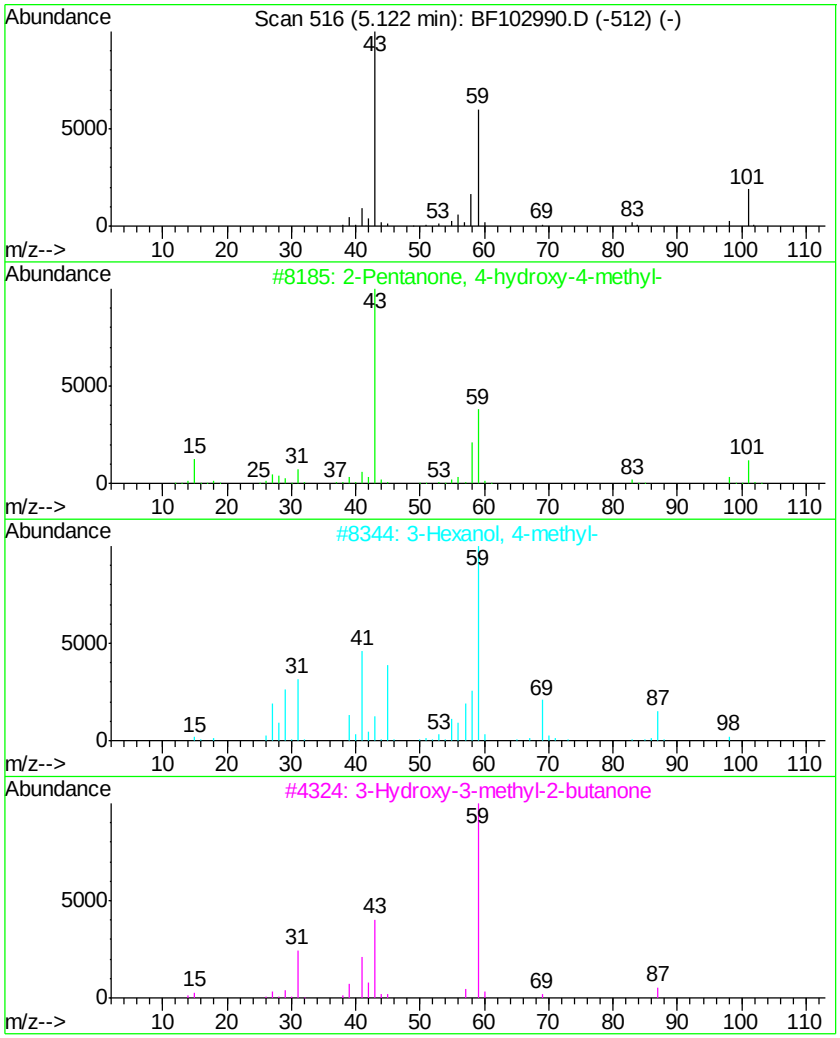
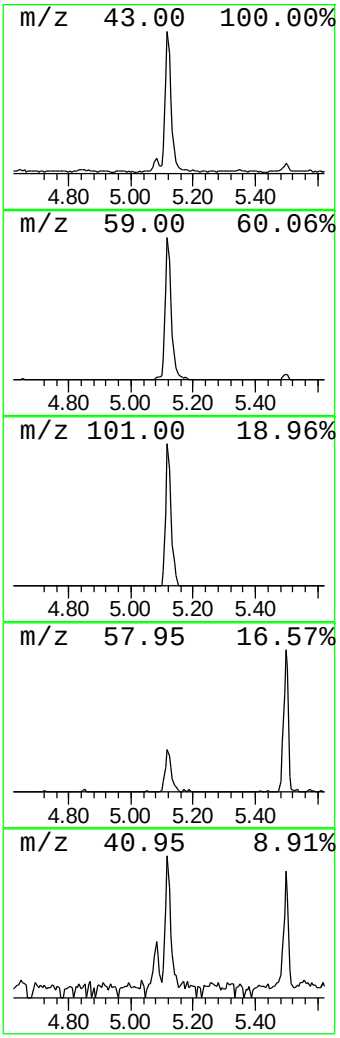
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	3.38 ng	159732	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	56
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
Data File : BF102990.D
Acq On : 14 Feb 2018 15:36
Operator : SJ/JU
Sample : J1541-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-C-1-3

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

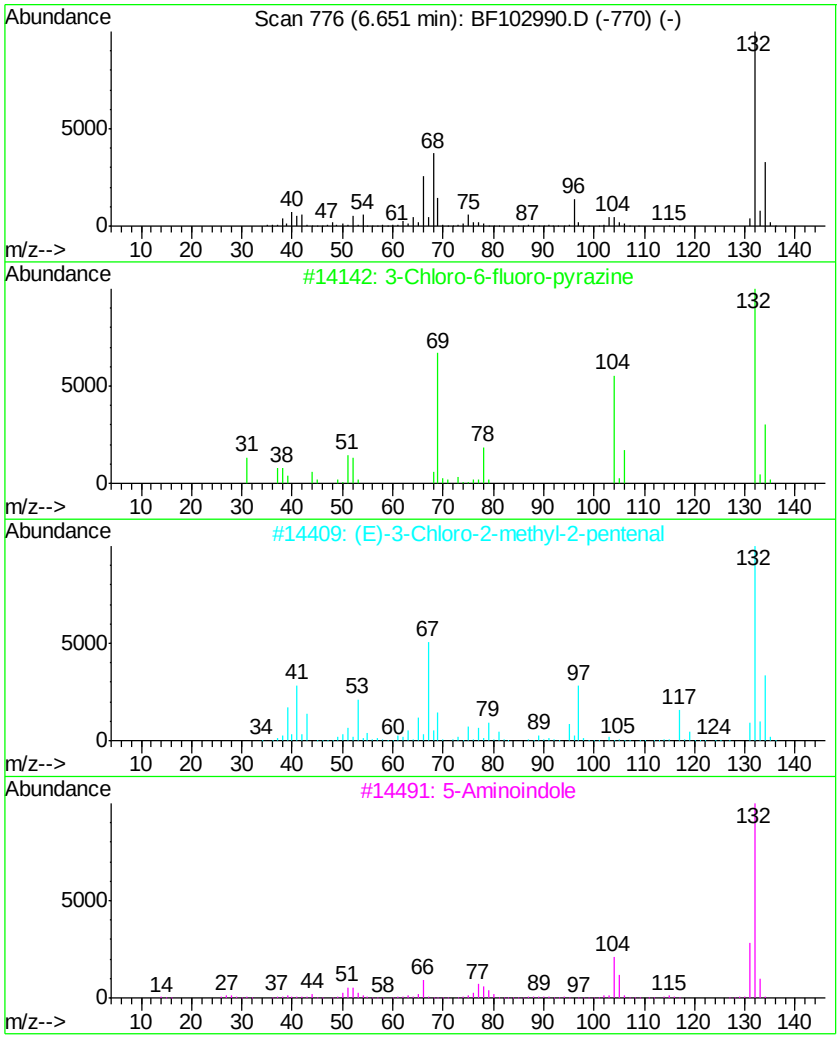
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

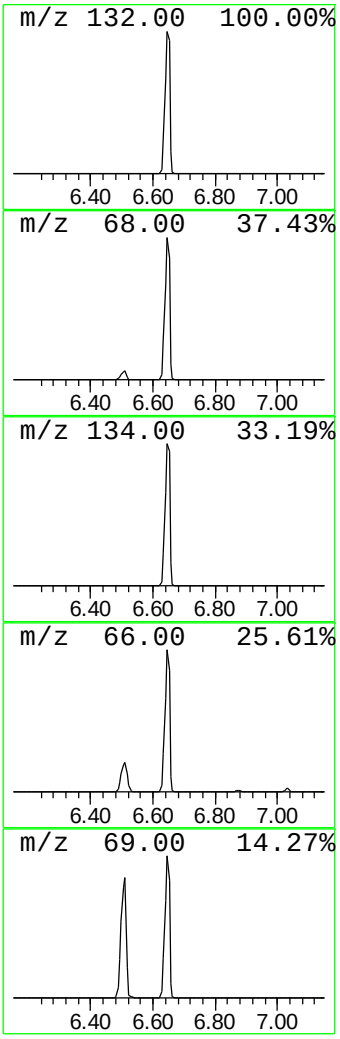
****

Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	89.07 ng	4203170	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 : Z:\HPCHEM1\BNA F\DATA\BF021418\
Data File : BF102990.D
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Sample : J1541-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-C-1-3

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

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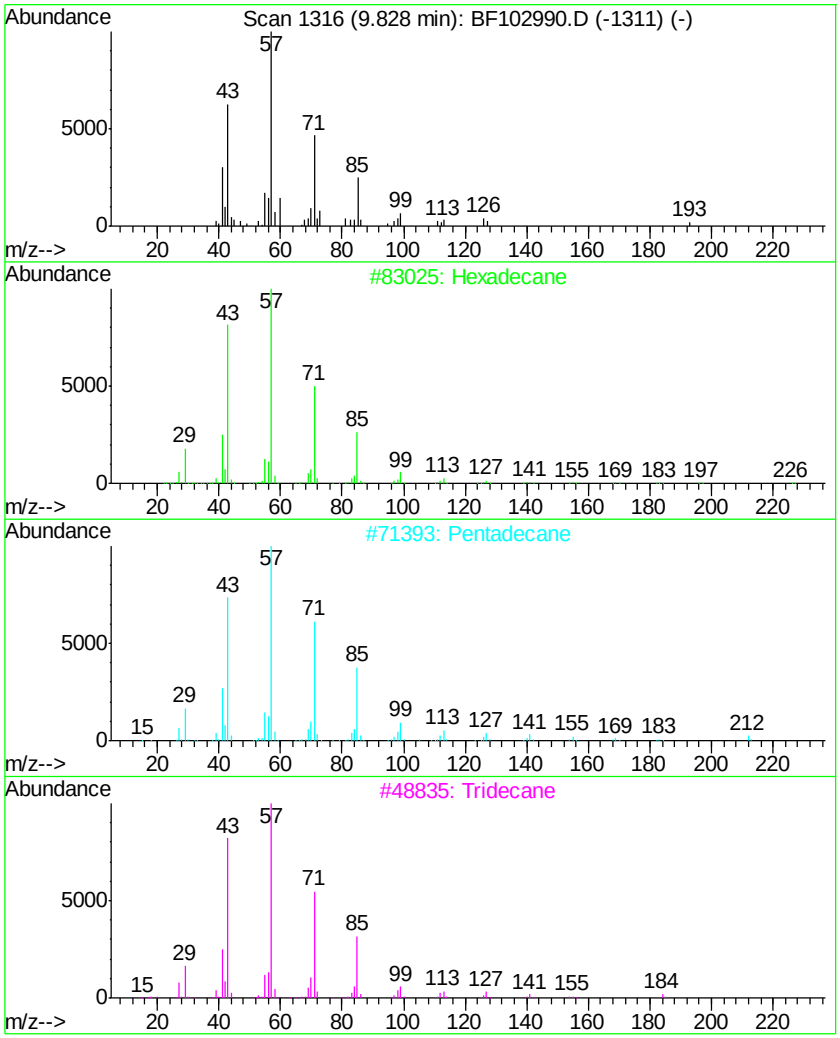
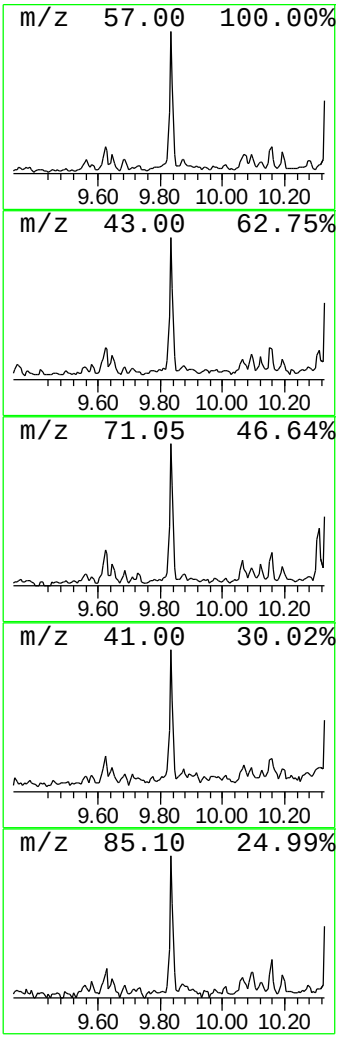
Peak Number 5 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	2.44 ng	134698	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	Tridecane	184	C13H28	000629-50-5	86
4	Tetratetracontane	619	C44H90	007098-22-8	83
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78





Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
Data File : BF102990.D
Acq On : 14 Feb 2018 15:36
Operator : SJ/JU
Sample : J1541-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-C-1-3

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

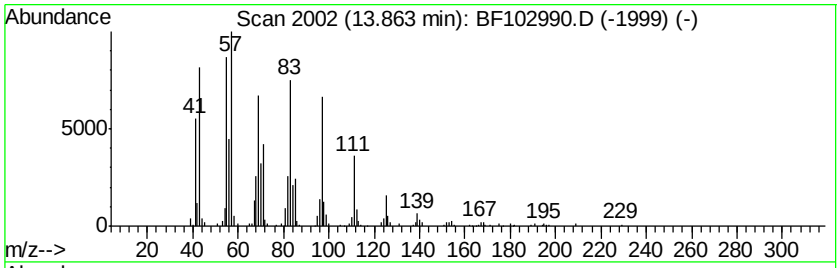
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

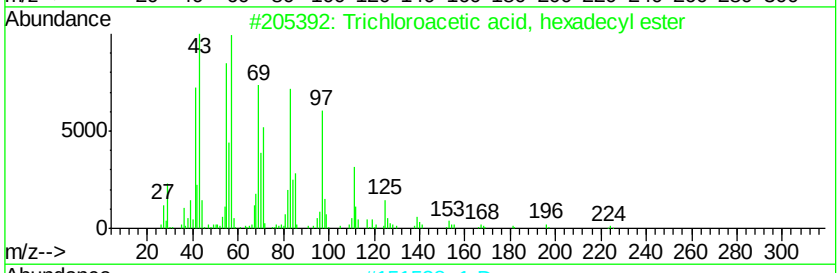
****

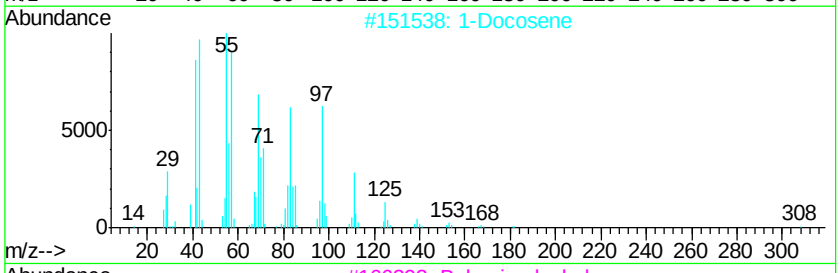
Peak Number 8 Trichloroacetic acid, hexad... Concentration Rank 4

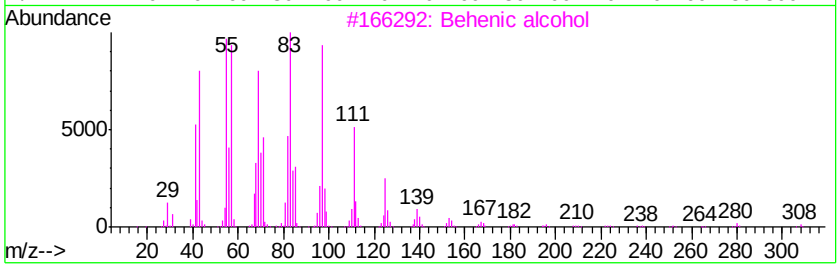
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	9.23 ng	372115	Chrysene-d12	14.04

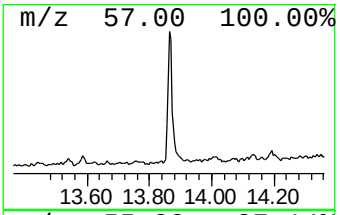
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2	1-Docosene	308	C22H44	001599-67-3	94
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	1-Nonadecene	266	C19H38	018435-45-5	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	90

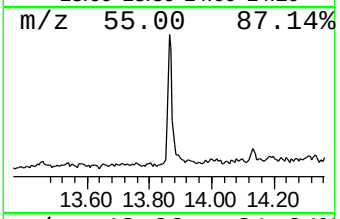


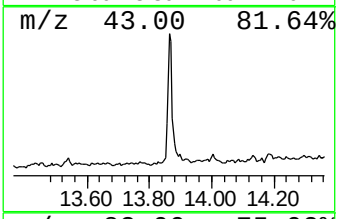


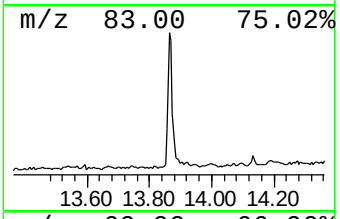


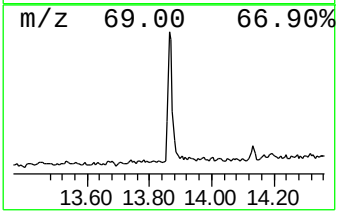












Tentatively Identified Compound (LSC) summary

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Acq On : 14 Feb 2018 15:36
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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...	2.17	26.9	ng	1267390	1	6.87	943796	20.0
2-Pentanone, 4-hy...	5.12	3.4	ng	159732	1	6.87	943796	20.0
unknown6.65	6.65	89.1	ng	4203170	1	6.87	943796	20.0
Hexadecane	9.83	2.4	ng	134698	3	9.91	1102740	20.0
Trichloroacetic a...	13.86	9.2	ng	372115	5	14.04	806186	20.0