LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
Data File : BF107030.D
Acq On : 30 Jun 2018 22:11
Operator : JU/SJ
Sample : J3743-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GMW-5

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-BF061918.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	5.190	482	485	497	rBV	62238	74163	3.62%	0.573%
2	5.595	551	554	568	rBV	883386	834013	40.68%	6.440%
3	6.595	721	724	734	rBV2	522900	566037	27.61%	4.371%
4	6.731	743	747	751	rBV	1465420	1363208	66.49%	10.527%
5	6.954	781	785	788	rBV	509710	405054	19.76%	3.128%
6	7.113	807	812	815	rBV	1467395	1335943	65.16%	10.316%
7	7.519	876	881	884	rBV	1000511	951526	46.41%	7.348%
8	7.672	903	907	910	rVB	27237	22736	1.11%	0.176%
9	8.236	999	1003	1017	rBV	499762	443123	21.61%	3.422%
10	9.313	1181	1186	1189	rBV	1725747	1708359	83.32%	13.192%
11	9.701	1248	1252	1259	rVB	71553	62632	3.05%	0.484%
12	9.995	1298	1302	1311	rVB2	506621	455057	22.19%	3.514%
13	10.789	1433	1437	1449	rBV	1096325	1118811	54.57%	8.639%
14	10.872	1449	1451	1458	rVV	21656	26901	1.31%	0.208%
15	11.489	1552	1556	1567	rVB	595312	511487	24.95%	3.950%
16	12.871	1788	1791	1795	rVB2	62628	53337	2.60%	0.412%
17	13.077	1821	1826	1829	rBV	2037770	2050275	100.00%	15.832%
18	13.577	1908	1911	1914	rVB	48693	39709	1.94%	0.307%
19	13.948	1972	1974	1977	rBV3	29316	32404	1.58%	0.250%
20	14.142	2003	2007	2014	rBV	495546	513798	25.06%	3.968%
21	14.589	2080	2083	2092	rVB2	39437	85913	4.19%	0.663%
22	15.677	2264	2268	2274	rVB2	222456	295536	14.41%	2.282%

Sum of corrected areas: 12950022

LSC Report - Integrated Chromatogram

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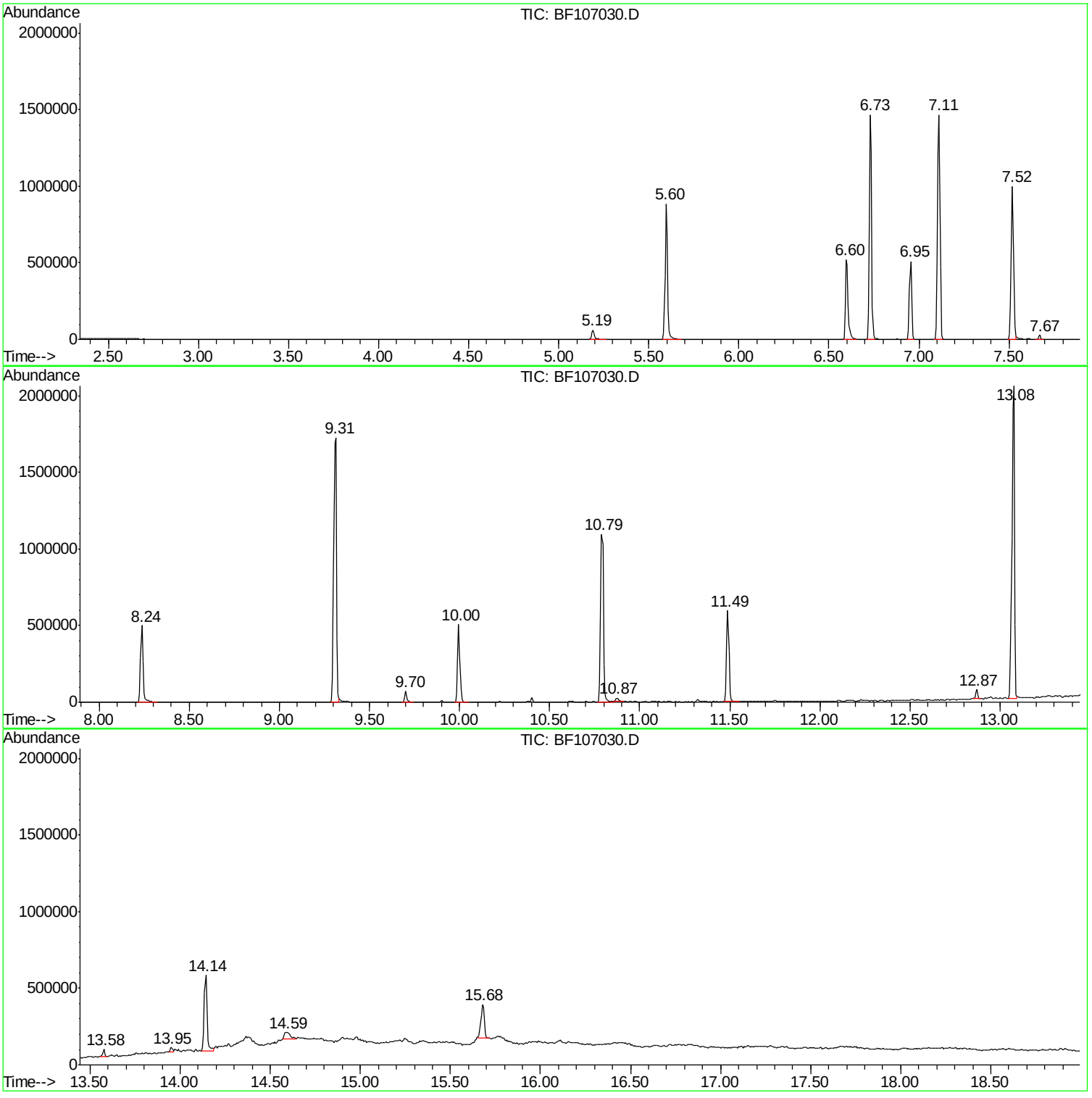
BNA_F
ClientSampleId :
GMW-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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

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Operator : JU/SJ
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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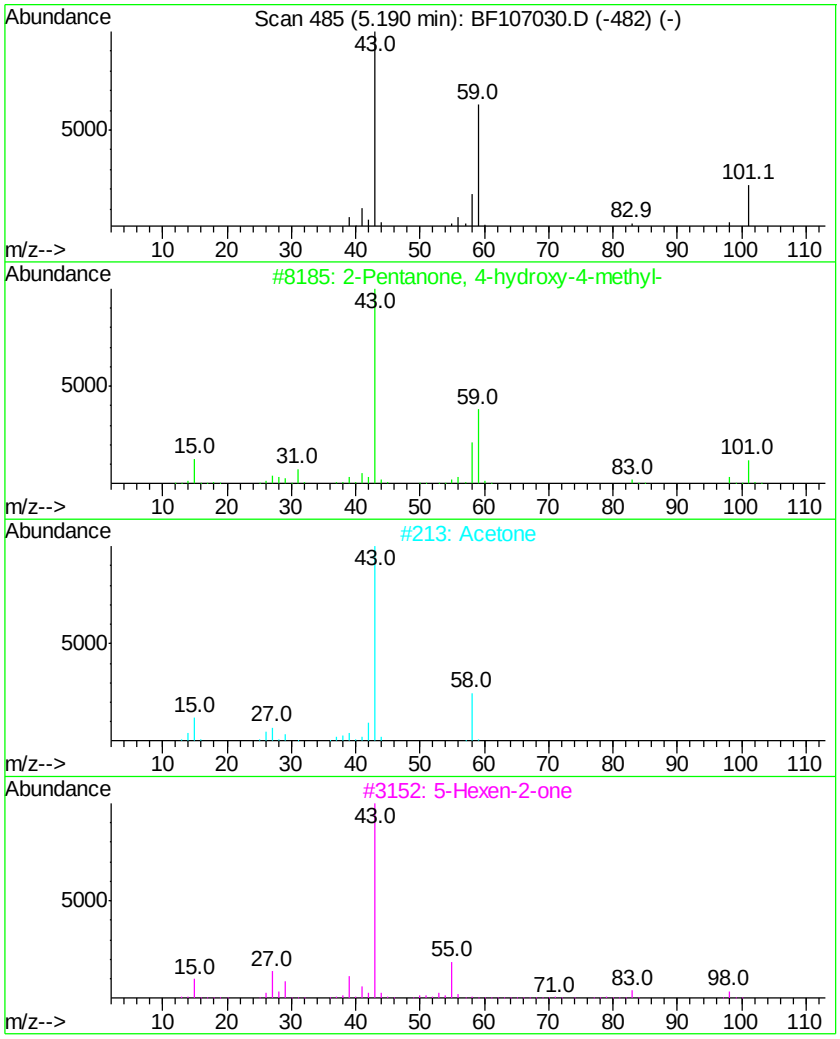
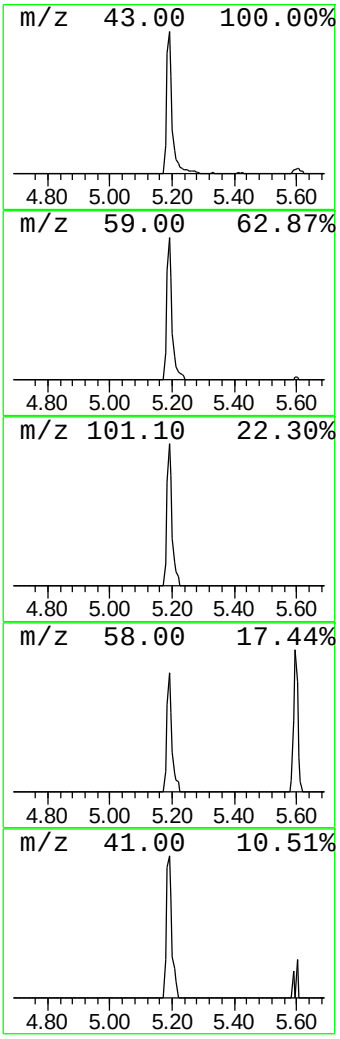
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	3.66 ng	74163	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetone	58	C3H6O	000067-64-1	9
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
5	3-Octanol	130	C8H18O	000589-98-0	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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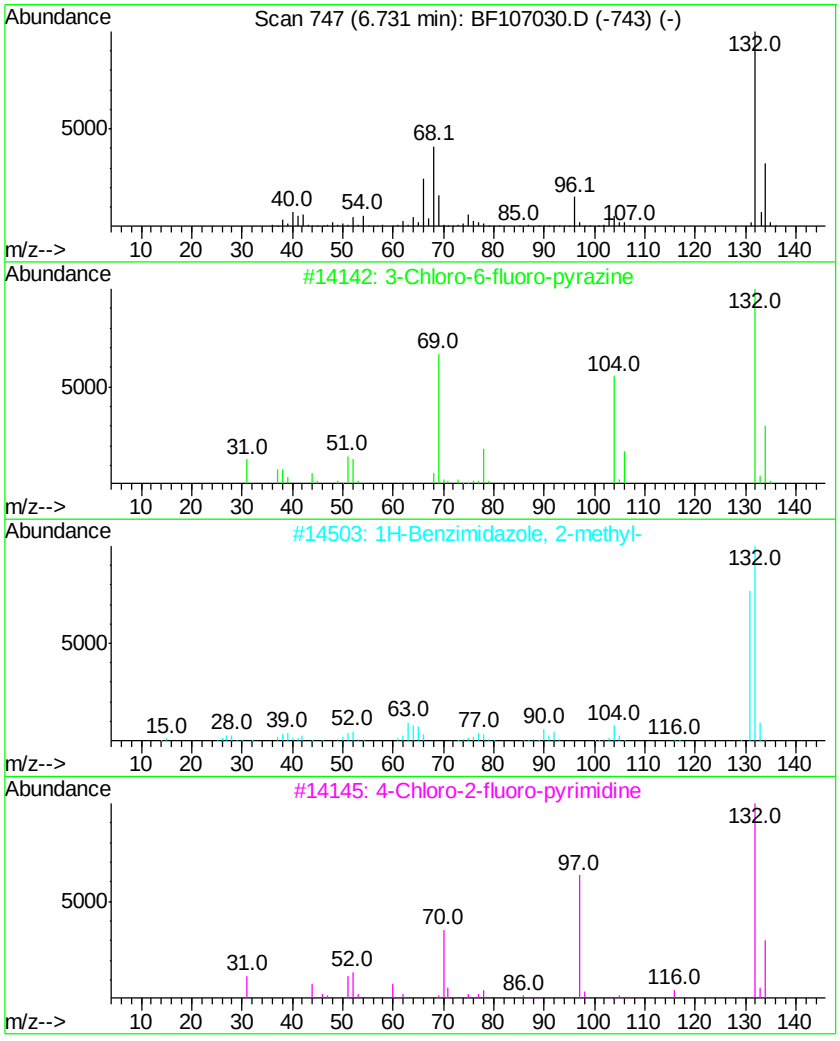
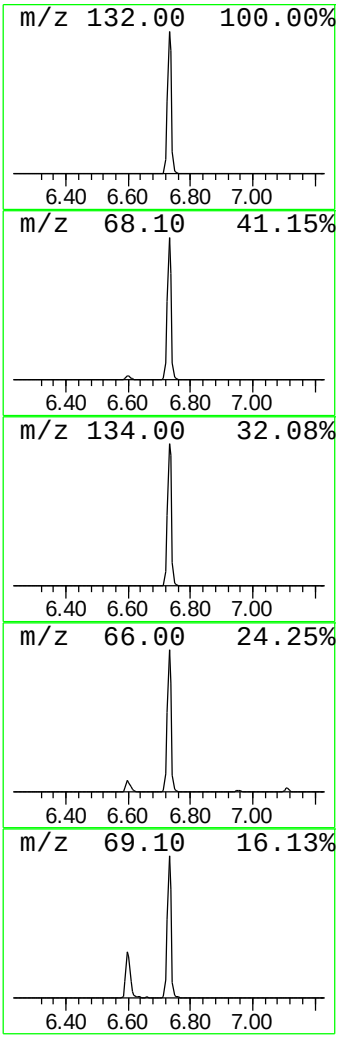
Peak Number 2 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	67.31 ng	1363210	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Library Search Compound Report

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Operator : JU/SJ
Sample : J3743-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GMW-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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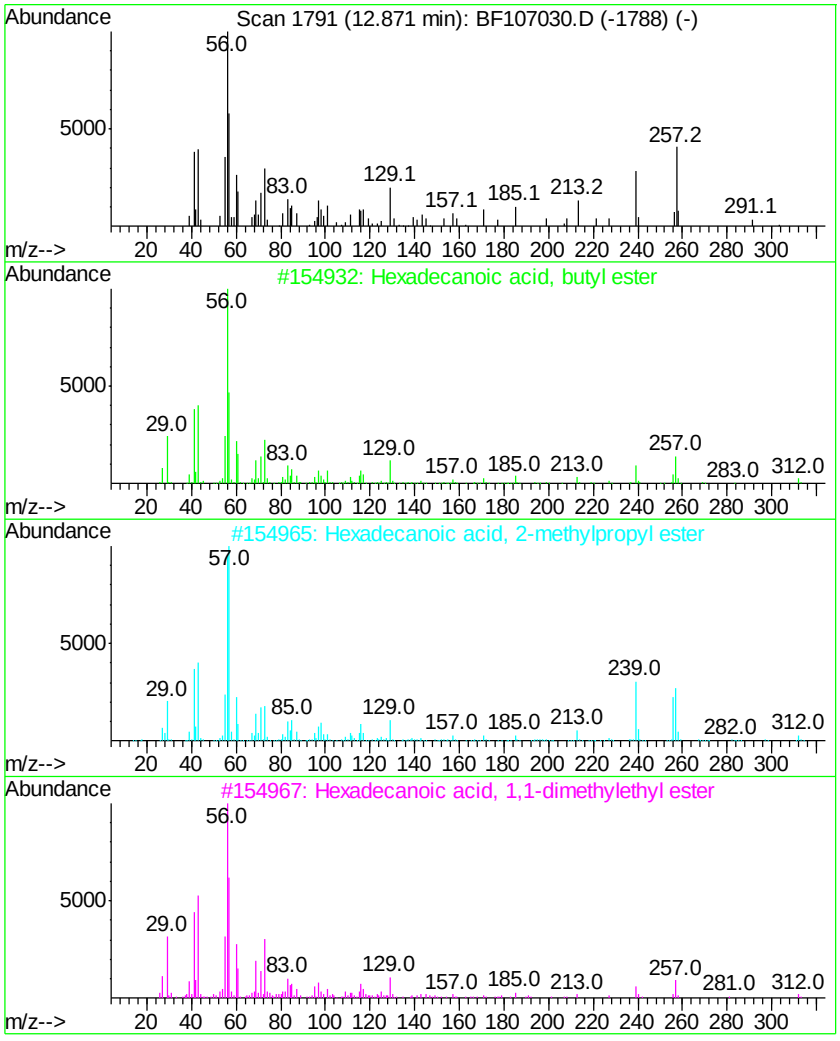
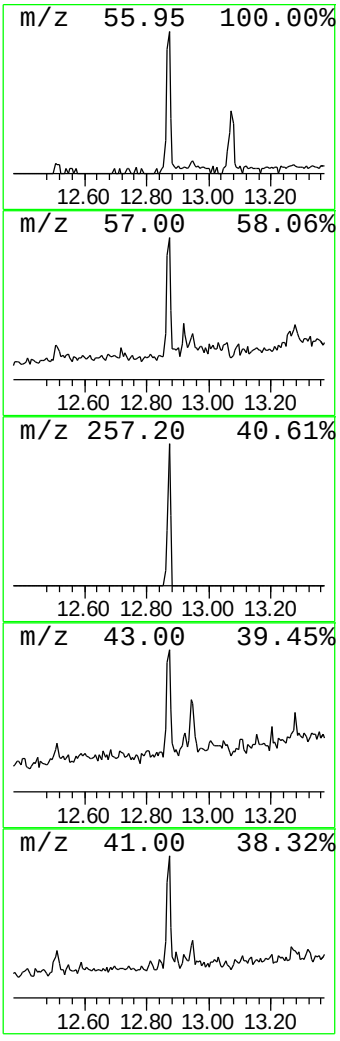
Peak Number 4 Hexadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	2.08 ng	53337	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	87
2	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	59
3	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	52
4	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	22
5	2-Methyl-n-1-tridecene	196	C14H28	018094-01-4	22





Library Search Compound Report

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Sample : J3743-01
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Instrument : BNA_F
ClientSampleId : GMW-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
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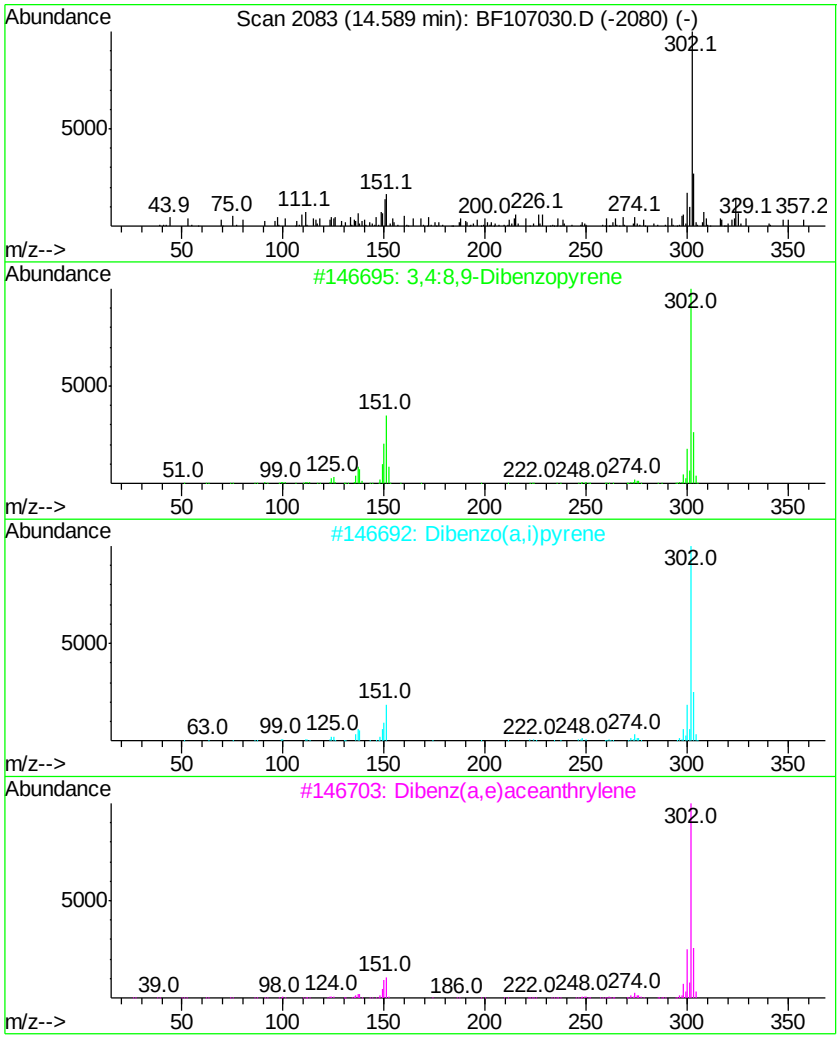
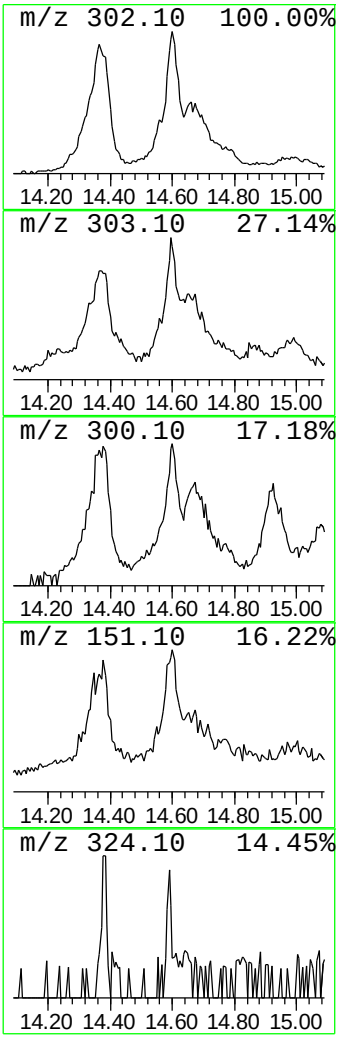
Peak Number 5 3,4:8,9-Dibenzopyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	3.34 ng	85913	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	70
2	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	70
3	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	62
4	1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	58
5	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	58





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.19	3.7	ng	74163	1	6.95	405054	20.0
unknown6.73	6.73	67.3	ng	1363210	1	6.95	405054	20.0
Hexadecanoic acid...	12.87	2.1	ng	53337	5	14.14	513798	20.0
3,4:8,9-Dibenzopy...	14.59	3.3	ng	85913	5	14.14	513798	20.0