LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102921.D
Acq On : 12 Feb 2018 15:34
Operator : SJ/JU
Sample : J1516-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WAVE-1

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	2.181	9	16	24	rVB	689274	914281	23.18%	2.745%
2	5.122	512	516	526	rVB	102527	131396	3.33%	0.395%
3	5.510	577	582	585	rBV	3847225	3944030	100.00%	11.843%
4	6.516	747	753	766	rBV	3455320	3858942	97.84%	11.588%
5	6.657	772	777	780	rBV	4023103	3825645	97.00%	11.488%
6	6.886	812	816	819	rBV	1334908	1101264	27.92%	3.307%
7	7.039	838	842	846	rBV	3065158	2953259	74.88%	8.868%
8	7.445	906	911	915	rBV	2443589	2472761	62.70%	7.425%
9	7.522	922	924	937	rVB3	33759	55491	1.41%	0.167%
10	8.169	1030	1034	1037	rBV	1637823	1379369	34.97%	4.142%
11	9.245	1212	1217	1220	rBV	3560639	3585128	90.90%	10.765%
12	9.633	1279	1283	1291	rBV	211621	196802	4.99%	0.591%
13	9.845	1311	1319	1323	rBV	101251	84768	2.15%	0.255%
14	9.922	1328	1332	1341	rBV	1360999	1300512	32.97%	3.905%
15	10.345	1401	1404	1407	rVB	172013	125716	3.19%	0.378%
16	10.563	1436	1441	1444	rBV	43741	55320	1.40%	0.166%
17	10.716	1463	1467	1476	rVB	1584311	1671289	42.38%	5.019%
18	10.816	1481	1484	1491	rVB	140069	145741	3.70%	0.438%
19	10.974	1507	1511	1513	rBV	40599	42162	1.07%	0.127%
20	11.269	1553	1561	1563	rBV	83729	80185	2.03%	0.241%
21	11.410	1581	1585	1589	rBV	1062606	969912	24.59%	2.912%
22	12.998	1850	1855	1858	rBV	2519469	2314872	58.69%	6.951%
23	13.880	2002	2005	2013	rBV	228916	263325	6.68%	0.791%
24	14.051	2030	2034	2041	rBV	945605	923994	23.43%	2.775%
25	15.539	2282	2287	2297	rBV	657598	905893	22.97%	2.720%

Sum of corrected areas: 33302057

LSC Report - Integrated Chromatogram

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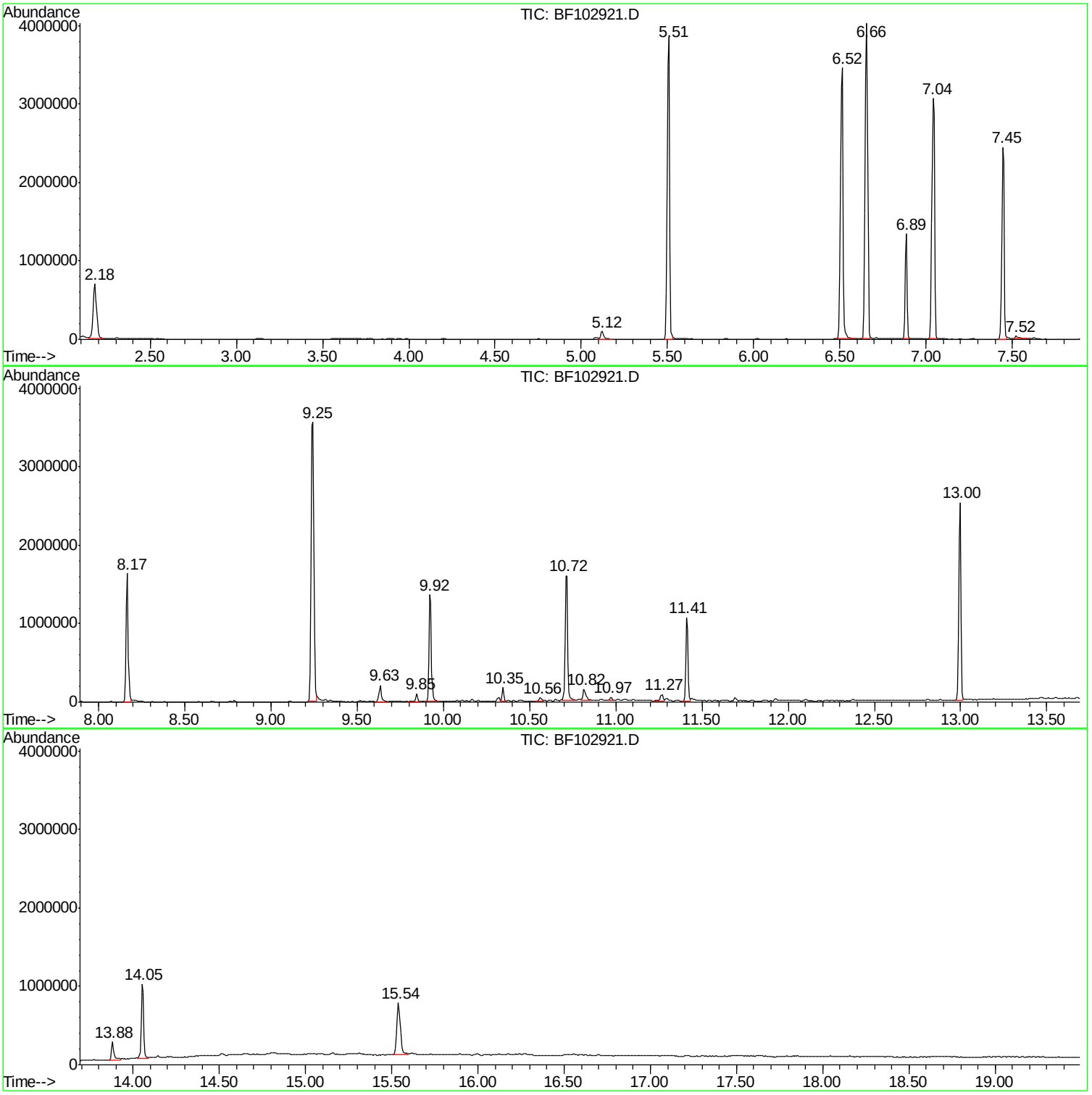
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WAVE-1

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

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Data File : BF102921.D
Acq On : 12 Feb 2018 15:34
Operator : SJ/JU
Sample : J1516-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WAVE-1

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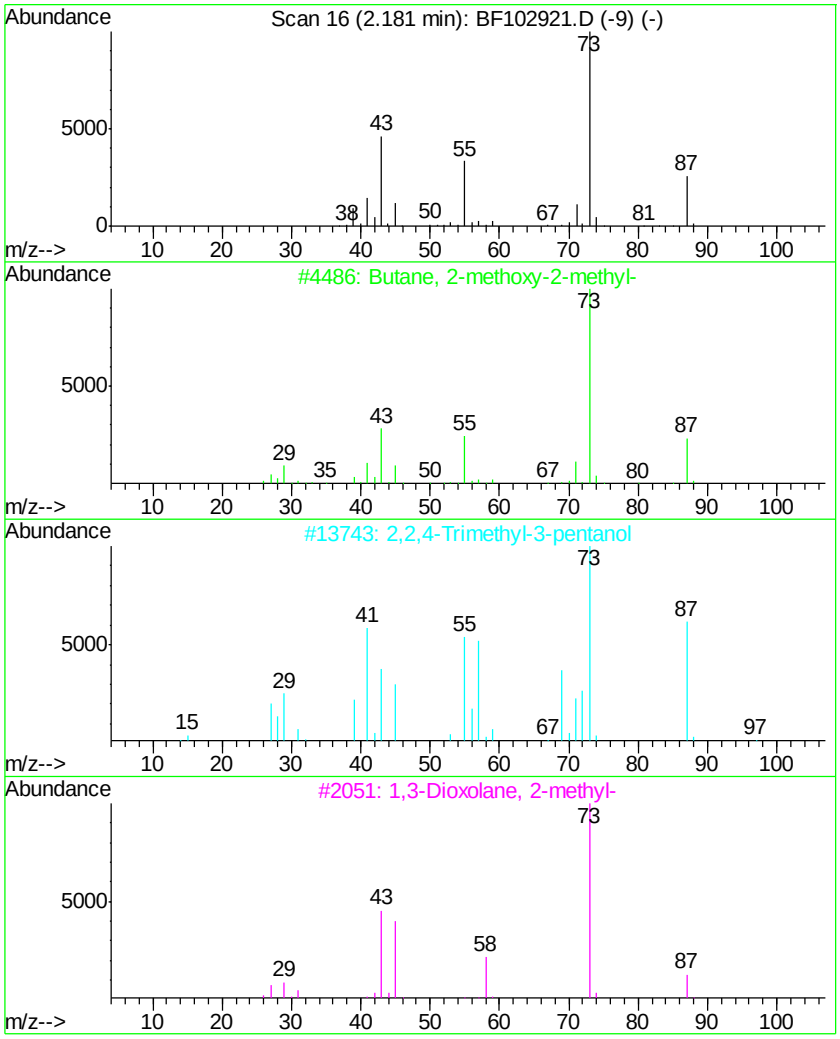
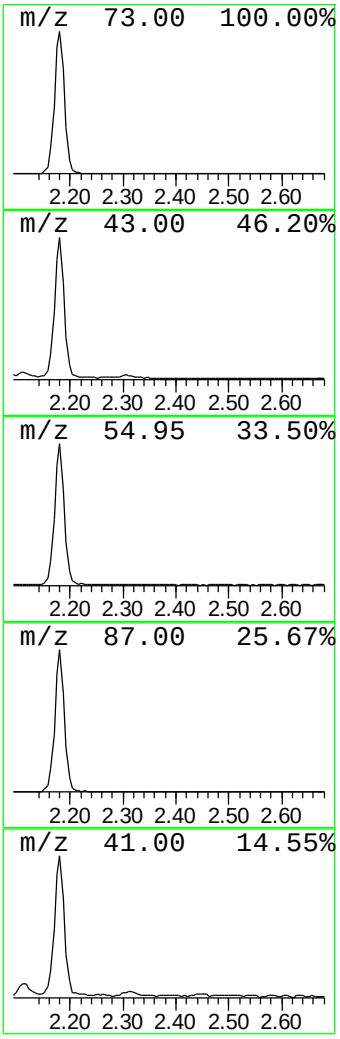
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	16.60 ng	914281	1,4-Dichlorobenzene-d4	6.89

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	43
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Library Search Compound Report

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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WAVE-1

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

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TIC Integration Parameters: LSCINT.P

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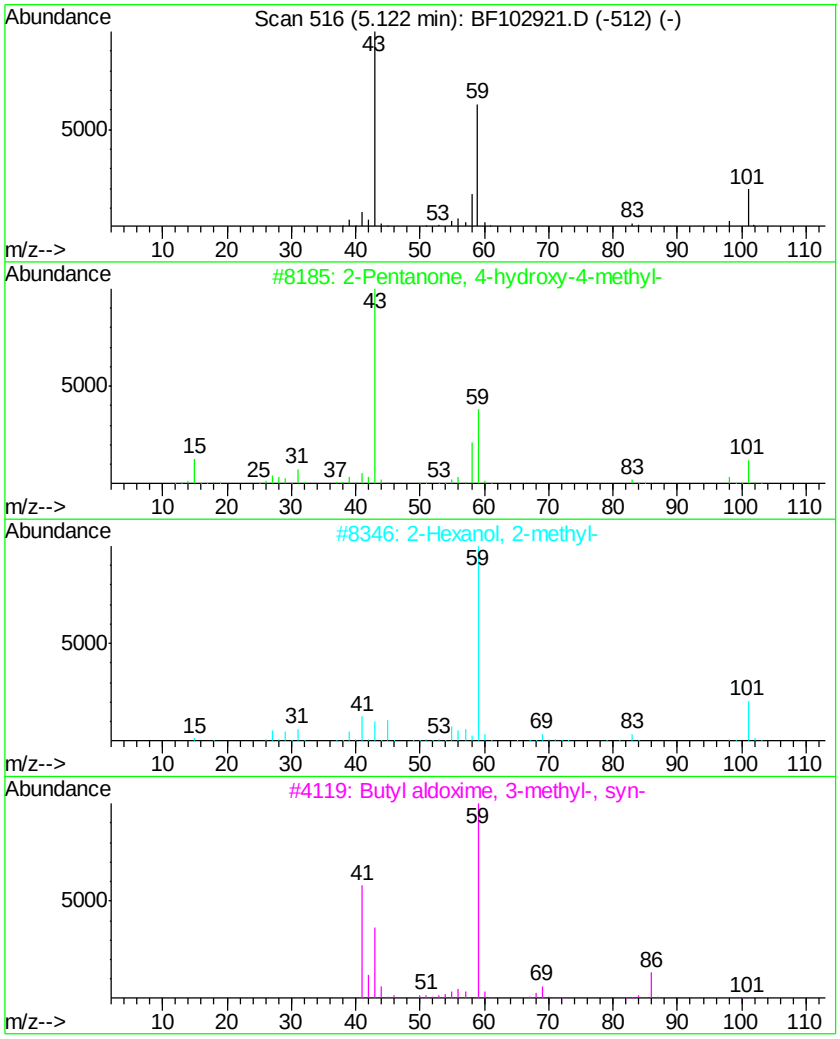
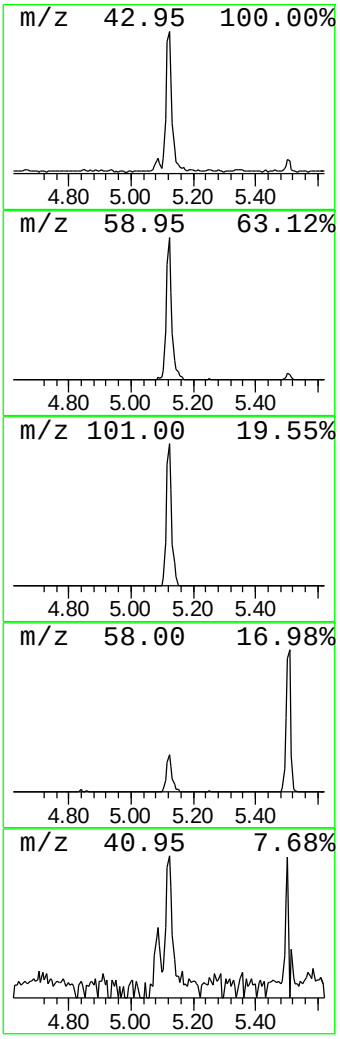
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	2.39 ng	131396	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	40
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Acetone	58	C3H6O	000067-64-1	9





Library Search Compound Report

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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WAVE-1

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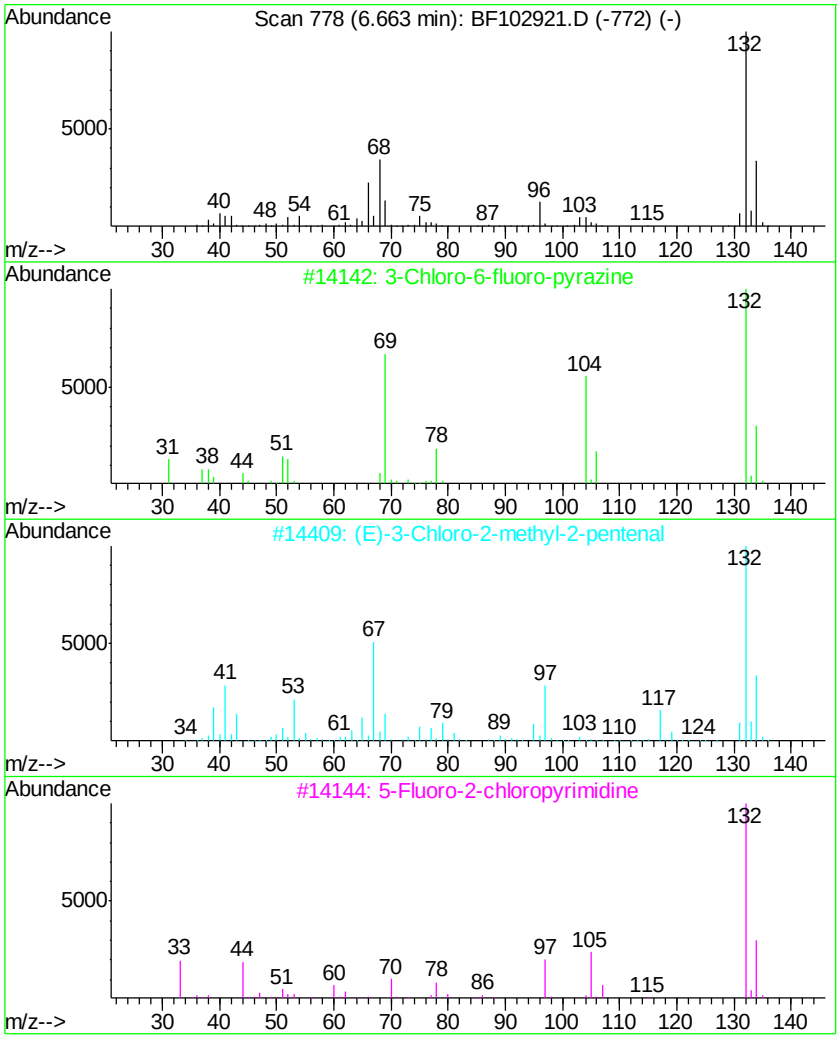
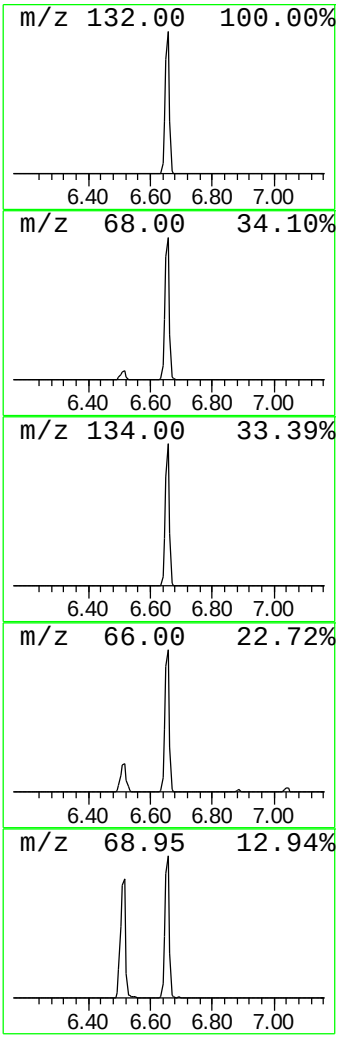
Peak Number 3 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	69.48 ng	3825650	1,4-Dichlorobenzene-d4	6.89

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-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
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





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Misc :
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Instrument : BNA_F
ClientSampleId : WAVE-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
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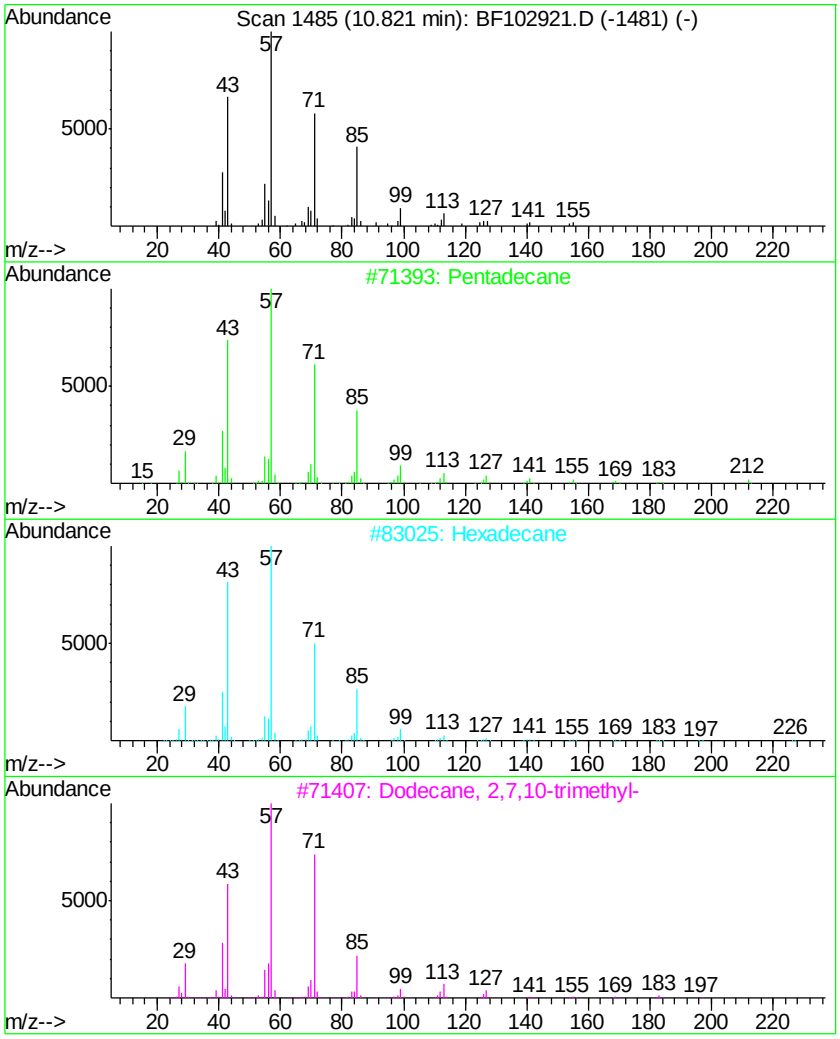
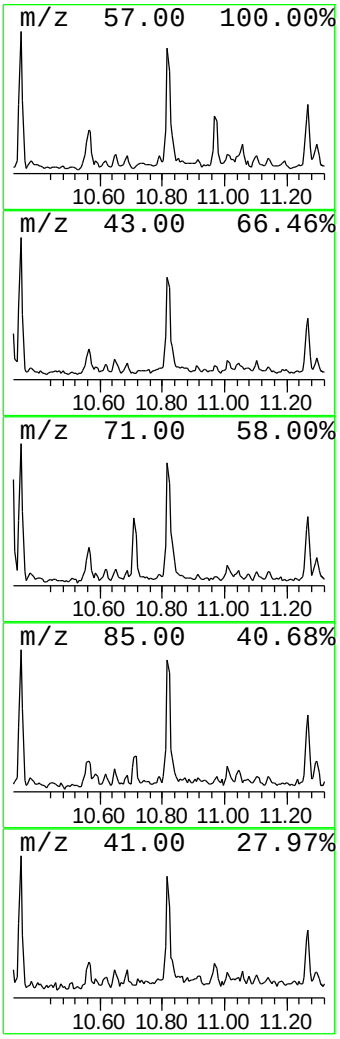
Peak Number 5 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	3.01 ng	145741	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Hexadecane	226	C16H34	000544-76-3	86
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4	Heptacosane	380	C27H56	000593-49-7	72
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	72





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Operator : SJ/JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WAVE-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
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TIC Library : C:\DATABASE\NIST11.L
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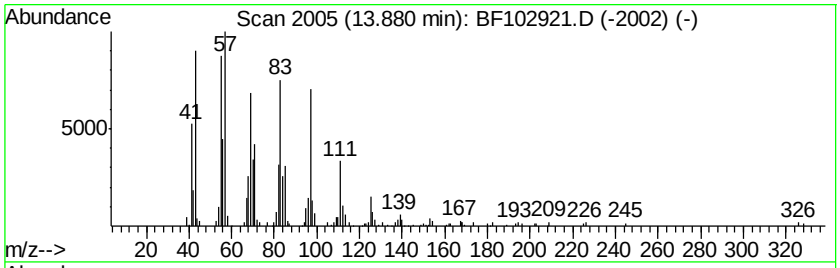
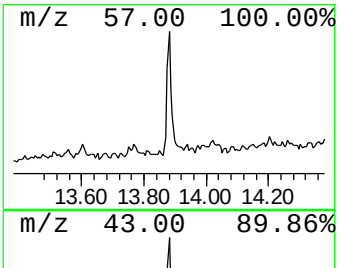
Peak Number 6 Trichloroacetic acid, hexad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	5.70 ng	263325	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	95
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	95
3	1-Docosene	308	C22H44	001599-67-3	94
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.18	16.6	ng	914281	1	6.89	1101260	20.0
2-Pentanone, 4-hy...	5.12	2.4	ng	131396	1	6.89	1101260	20.0
unknown6.66	6.66	69.5	ng	3825650	1	6.89	1101260	20.0
Pentadecane	10.82	3.0	ng	145741	4	11.41	969912	20.0
Trichloroacetic a...	13.88	5.7	ng	263325	5	14.05	923994	20.0