LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
Data File : BF109591.D
Acq On : 4 Oct 2018 17:14
Operator : JU/SJ
Sample : J5173-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DSN-001A-092818

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-BF092218.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	2.381	47	50	58	rBV	31208	41904	1.73%	0.210%
2	4.887	473	476	484	rBV	29443	36727	1.52%	0.184%
3	5.169	520	524	535	rBV	228865	246629	10.20%	1.235%
4	5.281	538	543	547	rBV	658770	929549	38.43%	4.653%
5	5.316	547	549	569	rVB	711821	812719	33.60%	4.068%
6	5.540	583	587	596	rBV	528661	492991	20.38%	2.468%
7	6.351	721	725	742	rBV	312525	543439	22.47%	2.720%
8	6.475	742	746	751	rVV	1681242	1564296	64.67%	7.831%
9	6.516	751	753	756	rVV	451420	401454	16.60%	2.010%
10	6.546	756	758	761	rVV	440819	355999	14.72%	1.782%
11	6.575	761	763	770	rVV2	41370	44840	1.85%	0.224%
12	6.640	770	774	781	rVB	378669	352147	14.56%	1.763%
13	6.704	781	785	794	rBV	497339	470290	19.44%	2.354%
14	6.863	808	812	829	rBV	1762646	1620595	67.00%	8.113%
15	7.063	843	846	851	rVB3	22845	25930	1.07%	0.130%
16	7.269	876	881	897	rBV	1259061	1326499	54.84%	6.640%
17	7.987	999	1003	1005	rBV	622159	561659	23.22%	2.812%
18	8.263	1046	1050	1062	rBV	139259	175215	7.24%	0.877%
19	8.698	1120	1124	1127	rBV	31209	44842	1.85%	0.224%
20	8.739	1127	1131	1138	rVB4	18771	43086	1.78%	0.216%
21	9.063	1181	1186	1197	rBV	2635212	2418849	100.00%	12.109%
22	9.451	1249	1252	1257	rBV	46846	39027	1.61%	0.195%
23	9.651	1283	1286	1293	rBV2	12202	25856	1.07%	0.129%
24	9.734	1296	1300	1311	rVB	703933	640609	26.48%	3.207%
25	10.251	1379	1388	1391	rBV	41707	49907	2.06%	0.250%
26	10.522	1430	1434	1451	rVB	1185440	1197425	49.50%	5.994%
27	10.981	1509	1512	1517	rBV	30278	35449	1.47%	0.177%
28	11.210	1548	1551	1559	rVB	556014	521070	21.54%	2.608%
29	11.745	1637	1642	1645	rBV	39359	41418	1.71%	0.207%
30	12.122	1701	1706	1715	rBV2	60307	90909	3.76%	0.455%
31	12.480	1758	1767	1772	rBV5	25426	58111	2.40%	0.291%
32	12.528	1772	1775	1783	rVB3	36255	52522	2.17%	0.263%
33	12.792	1816	1820	1827	rBV	1739440	1573930	65.07%	7.879%
34	12.933	1840	1844	1850	rBV5	17843	28252	1.17%	0.141%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J5173-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DSN-001A-092818

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-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.127	1874	1877	1885	rBV	54153	81066	3.35%	0.406%
36	13.357	1913	1916	1921	rBV	36531	34779	1.44%	0.174%
37	13.698	1970	1974	1980	rBV	47418	73328	3.03%	0.367%
38	13.839	1994	1998	2005	rBV	510423	489892	20.25%	2.452%
39	14.027	2025	2030	2037	rBV3	60932	100627	4.16%	0.504%
40	14.280	2069	2073	2077	rBV	93722	137633	5.69%	0.689%
41	14.316	2077	2079	2084	rVB	46881	50120	2.07%	0.251%
42	14.610	2126	2129	2133	rBV	87289	89403	3.70%	0.448%
43	14.845	2159	2169	2174	rBV3	120788	395640	16.36%	1.981%
44	14.927	2180	2183	2187	rVB	128133	134864	5.58%	0.675%
45	15.245	2232	2237	2240	rBV	368199	462126	19.11%	2.313%
46	15.274	2240	2242	2249	rVB	173723	213525	8.83%	1.069%
47	15.680	2305	2311	2328	rVB	227094	714712	29.55%	3.578%
48	16.139	2384	2389	2395	rVB	78359	134322	5.55%	0.672%

Sum of corrected areas: 19976181

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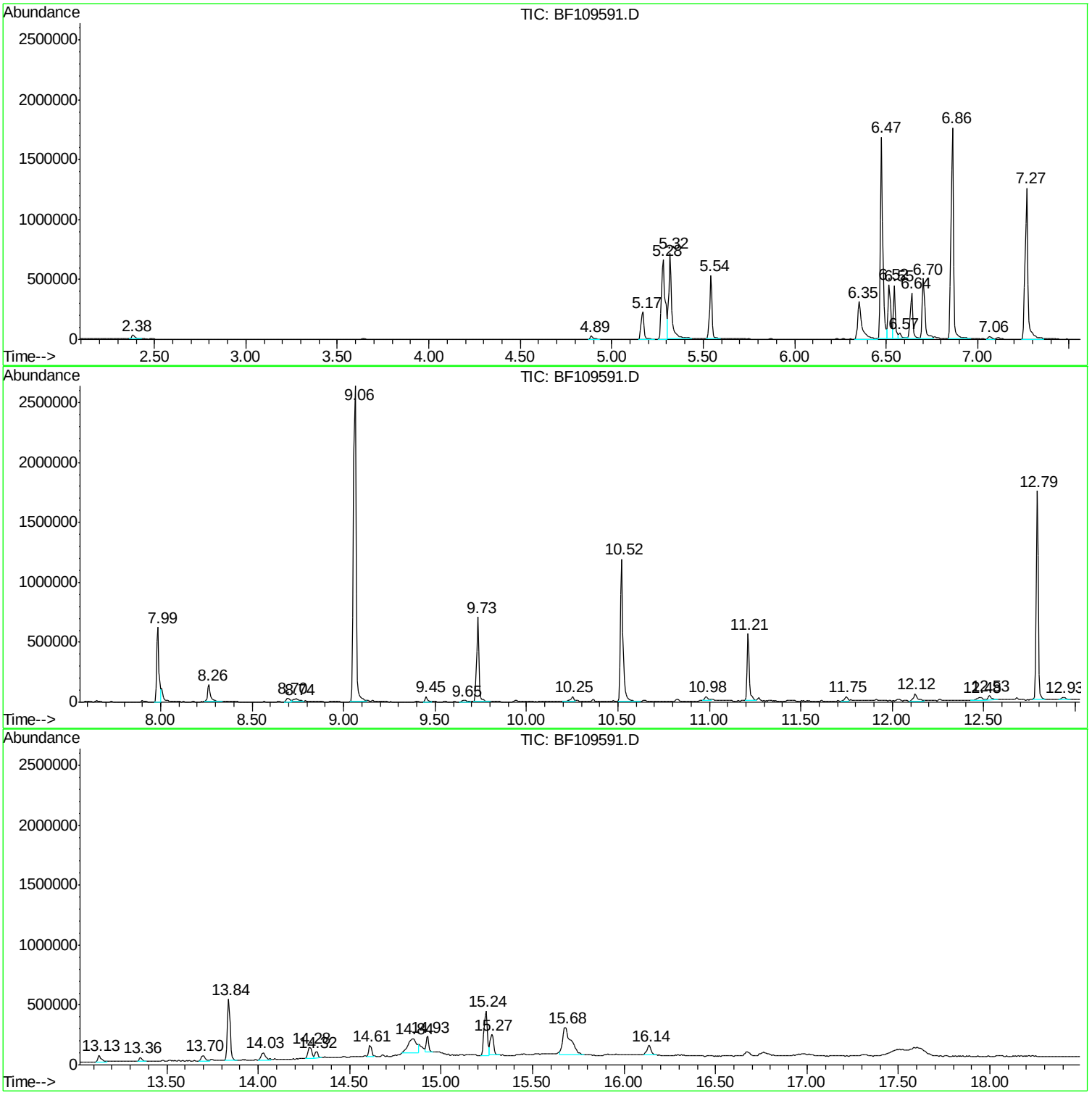
Instrument : BNA_F
ClientSampleId : DSN-001A-092818

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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 : BF109591.D
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Operator : JU/SJ
Sample : J5173-01
Misc :
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Instrument : BNA_F
ClientSampleId : DSN-001A-092818

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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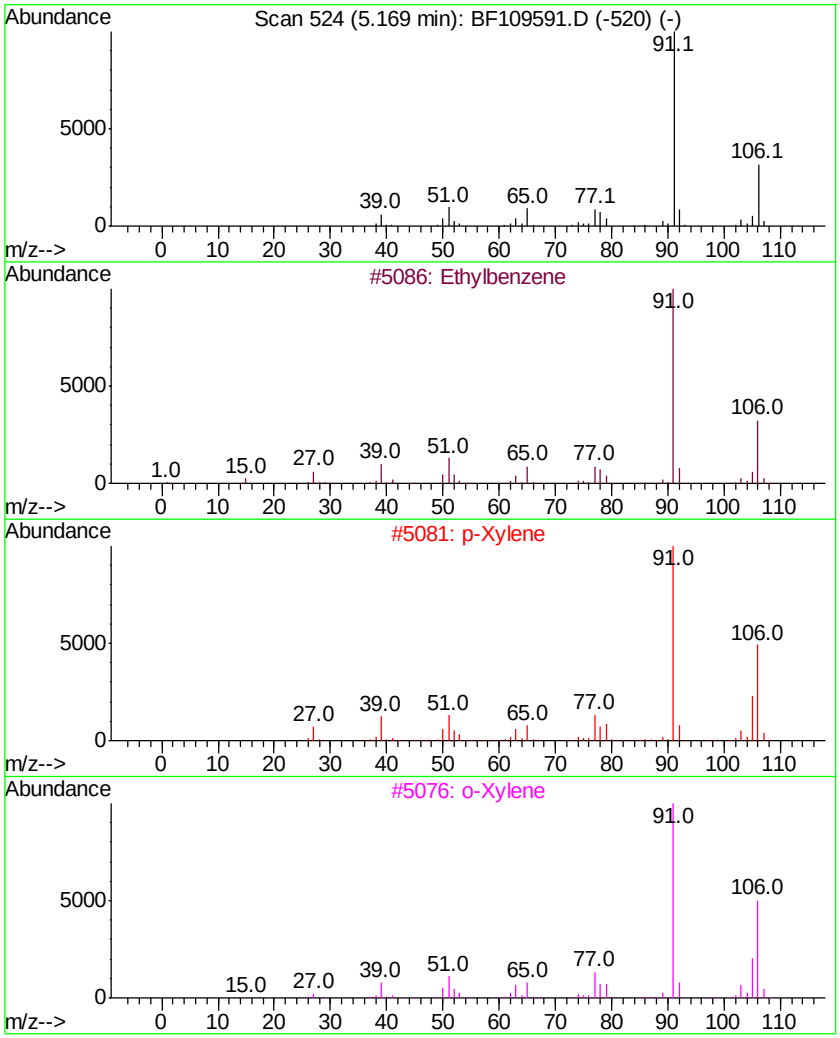
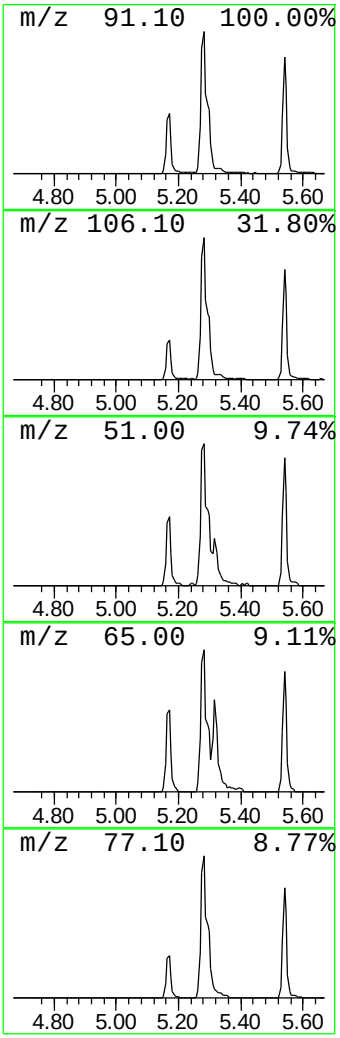
Peak Number 1 Ethylbenzene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	10.49 ng	246629	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	94
2	p-Xylene	106	C8H10	000106-42-3	72
3	o-Xylene	106	C8H10	000095-47-6	64
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	58
5	N-(Benzyloxy)-2,2,2-trifluoroace...	219	C9H8F3NO2	174075-91-3	50





Library Search Compound Report

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Data File : BF109591.D
Acq On : 4 Oct 2018 17:14
Operator : JU/SJ
Sample : J5173-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DSN-001A-092818

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

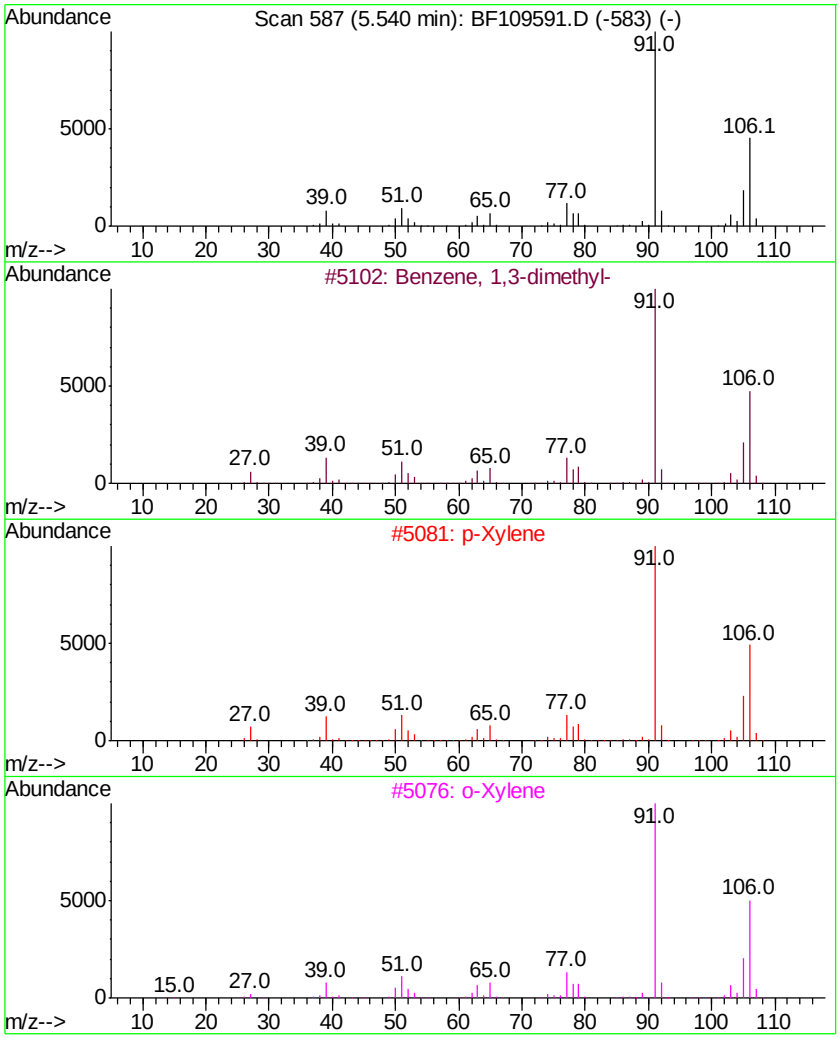
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

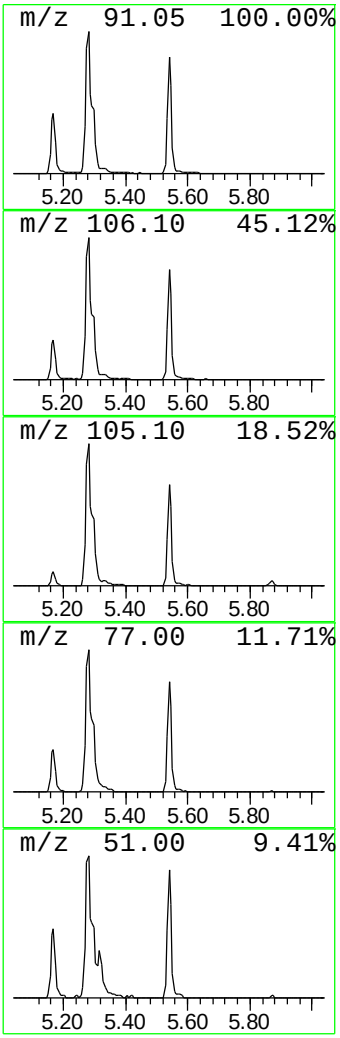
****

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.54	20.97 ng	492991	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	Ethylbenzene	106	C8H10	000100-41-4	91
5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
Data File : BF109591.D
Acq On : 4 Oct 2018 17:14
Operator : JU/SJ
Sample : J5173-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DSN-001A-092818

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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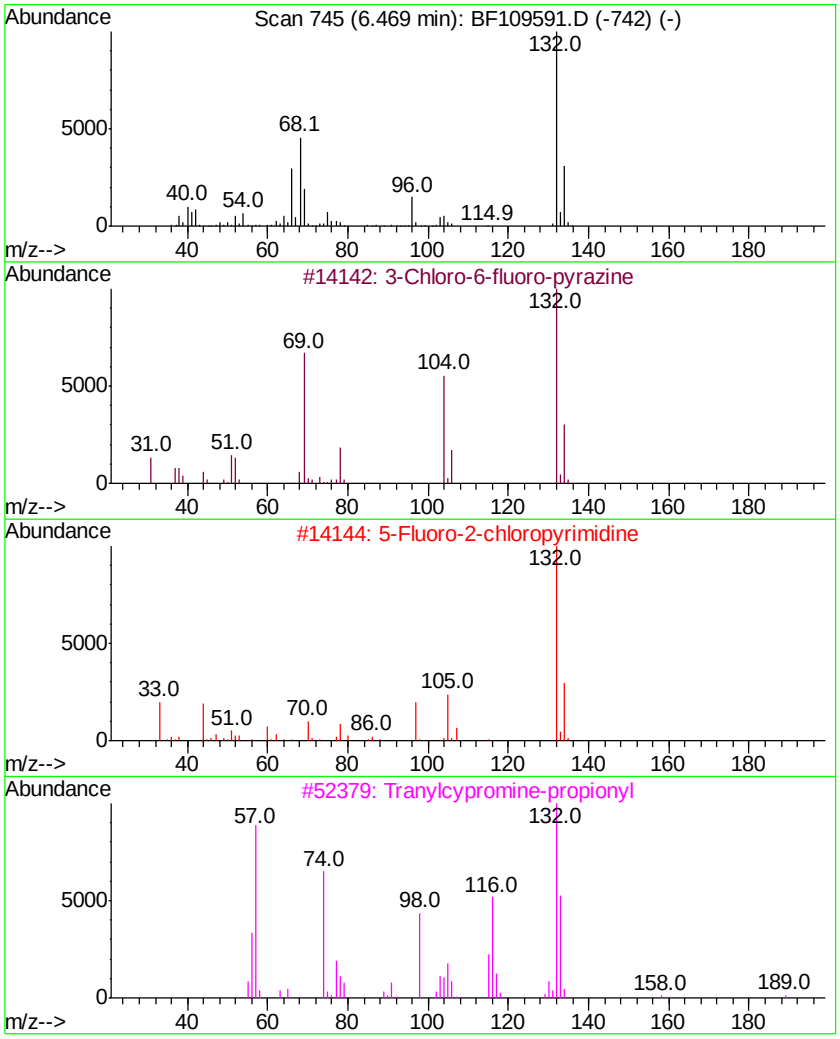
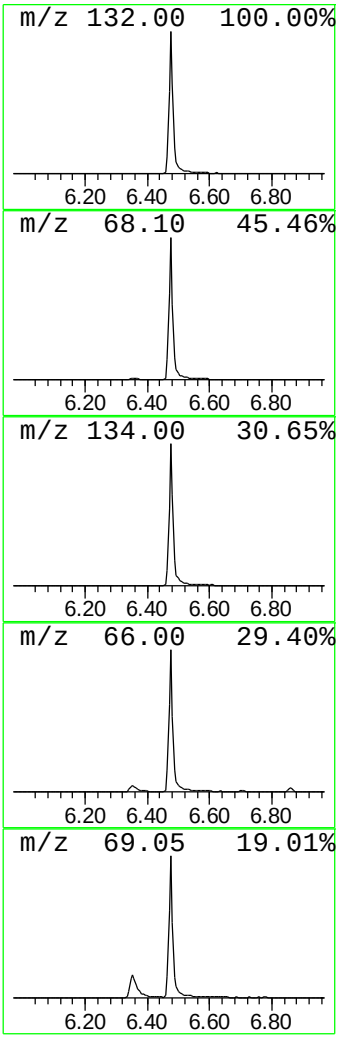
Peak Number 3 unknown6.47 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	66.52 ng	1564300	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





Library Search Compound Report

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DSN-001A-092818

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

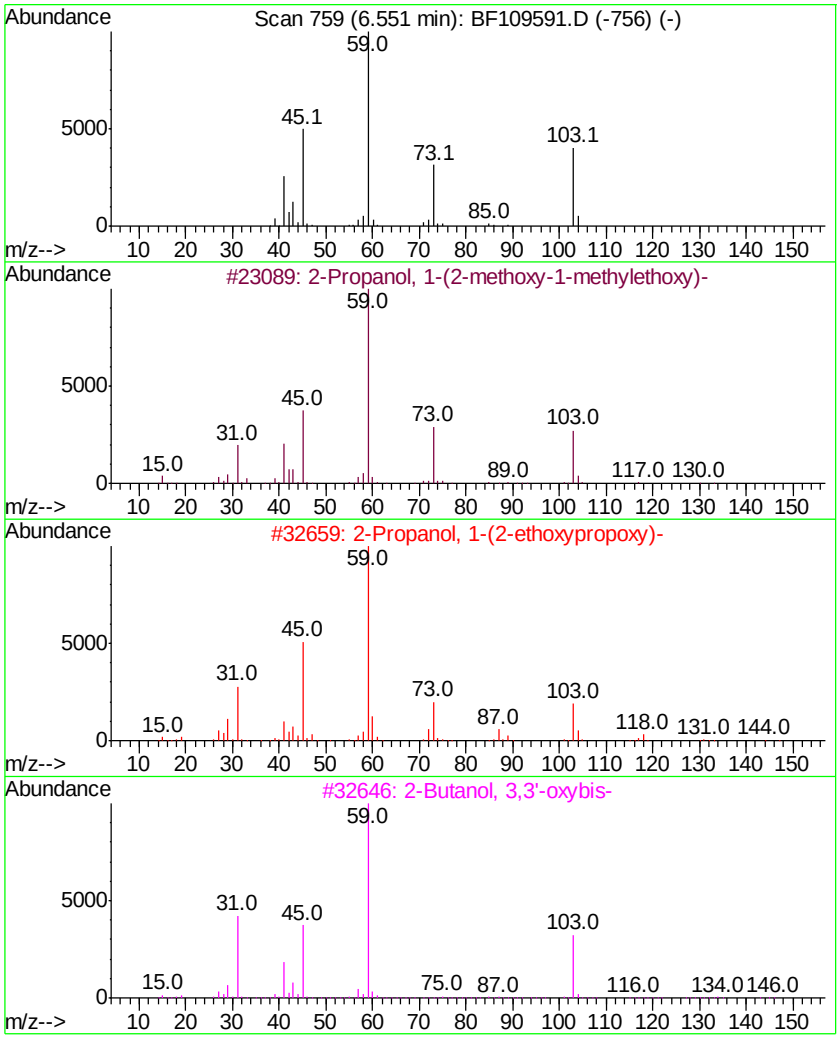
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

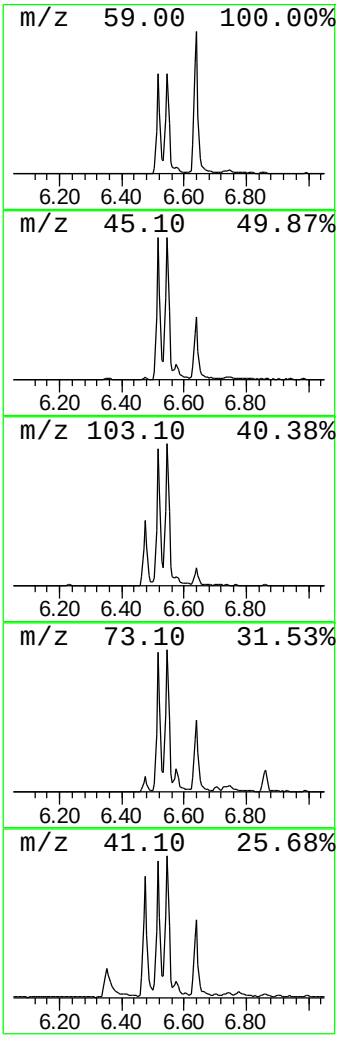
****

Peak Number 5 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	15.14 ng	355999	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	83
2	2-Propanol, 1-(2-ethoxypropoxy)-	162	C8H18O3	010143-32-5	72
3	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	64
4	Ethane, 1-ethoxy-1-methoxy-	104	C5H12O2	010471-14-4	50
5	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	45





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Acq On : 4 Oct 2018 17:14
Operator : JU/SJ
Sample : J5173-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DSN-001A-092818

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

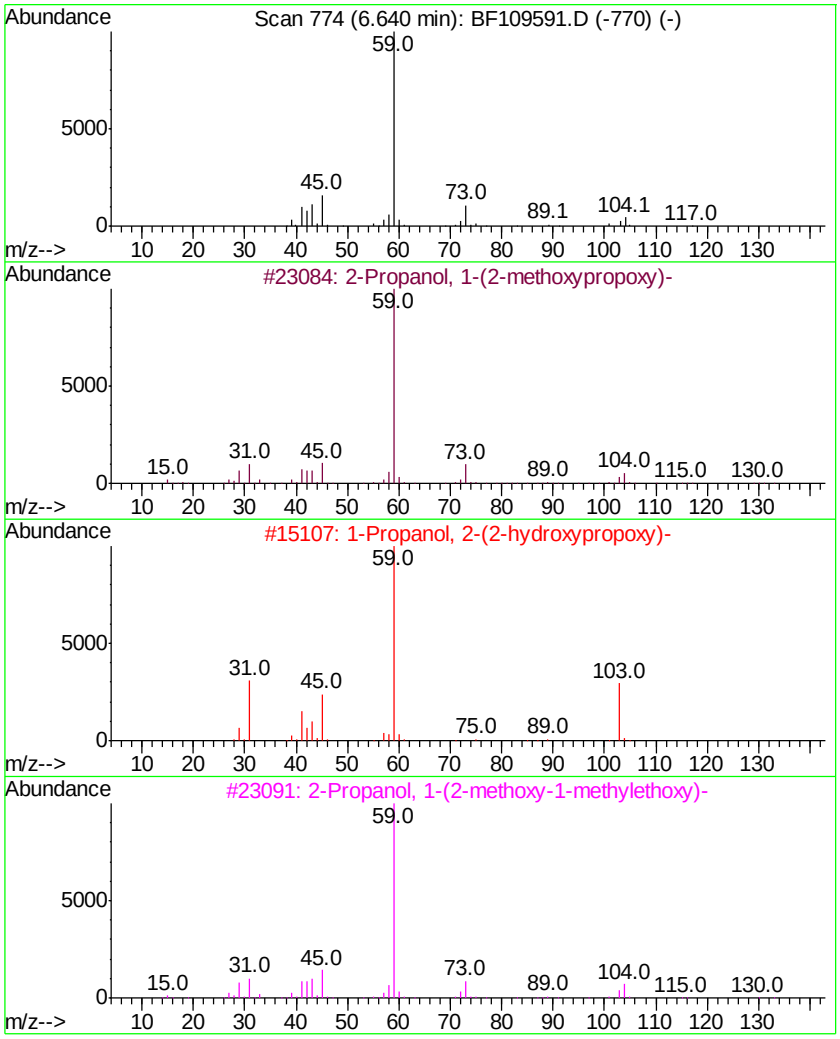
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

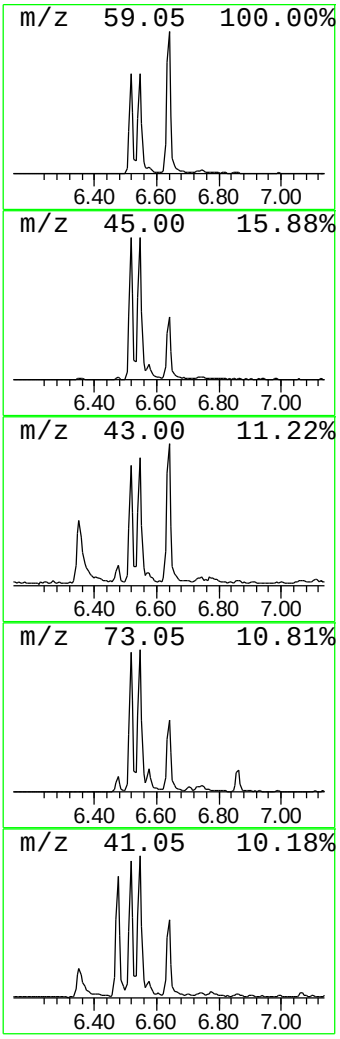
****

Peak Number 6 2-Propanol, 1-(2-methoxypro... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	14.98 ng	352147	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	83
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	64
3	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	50
4	Tetraglyme	222	C10H22O5	000143-24-8	50
5	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	50





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : DSN-001A-092818

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

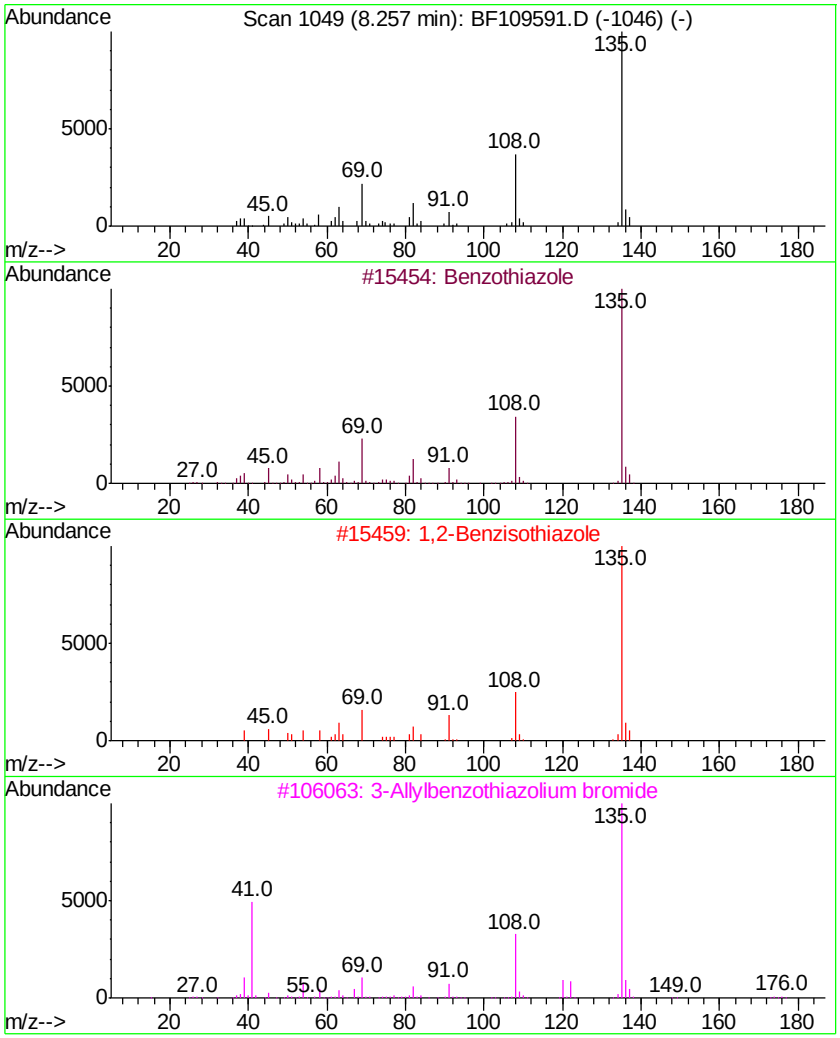
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

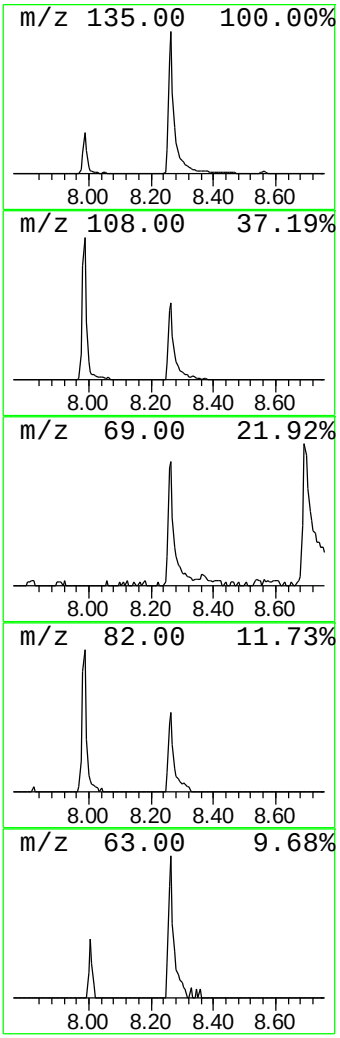
****

Peak Number 8 Benzothiazole Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.26	6.24 ng	175215	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzothiazole	135	C7H5NS	000095-16-9	97
2	1,2-Benzisothiazole	135	C7H5NS	000272-16-2	86
3	3-Allylbenzothiazolium bromide	255	C10H10BrNS	016407-55-9	83
4	1H-Indole, 5-fluoro-	135	C8H6FN	000399-52-0	59
5	1H-Pyrazolo[3,4-d]pyrimidin-4-amine	135	C5H5N5	002380-63-4	58





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

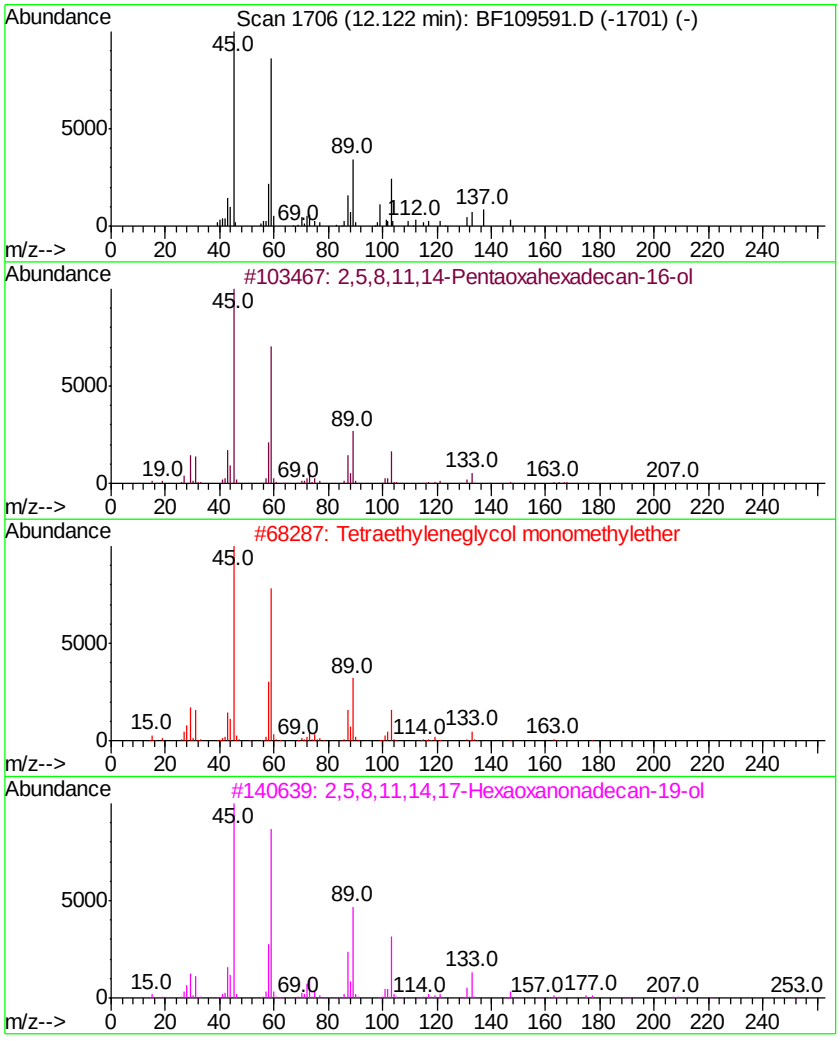
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

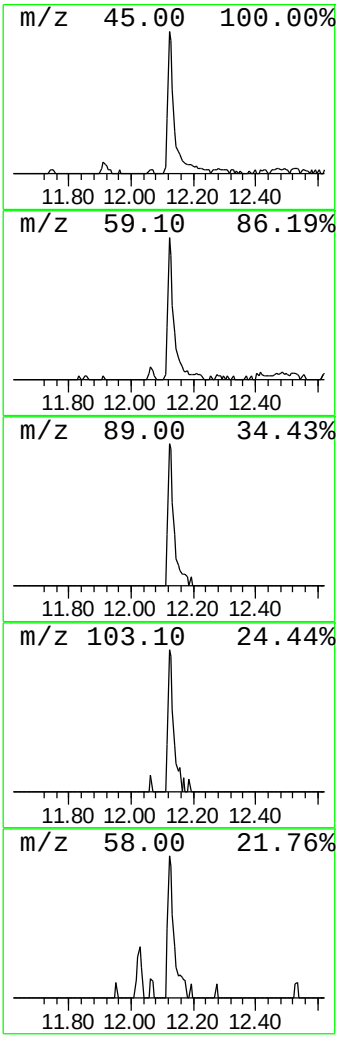
****

Peak Number 9 2,5,8,11,14-Pentaoxahexadec... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	3.49 ng	90909	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,8,11,14-Pentaoxahexadecan-16-ol	252	C11H24O6	023778-52-1	80
2	Tetraethyleneglycol monomethylether	208	C9H20O5	023783-42-8	64
3	2,5,8,11,14,17-Hexaoxanonadecan-...	296	C13H28O7	023601-40-3	53
4	2-[4-(Methoxymethoxymethyl)cyclo...	214	C12H22O3	1000192-12-2	47
5	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	43





Library Search Compound Report

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Operator : JU/SJ
Sample : J5173-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DSN-001A-092818

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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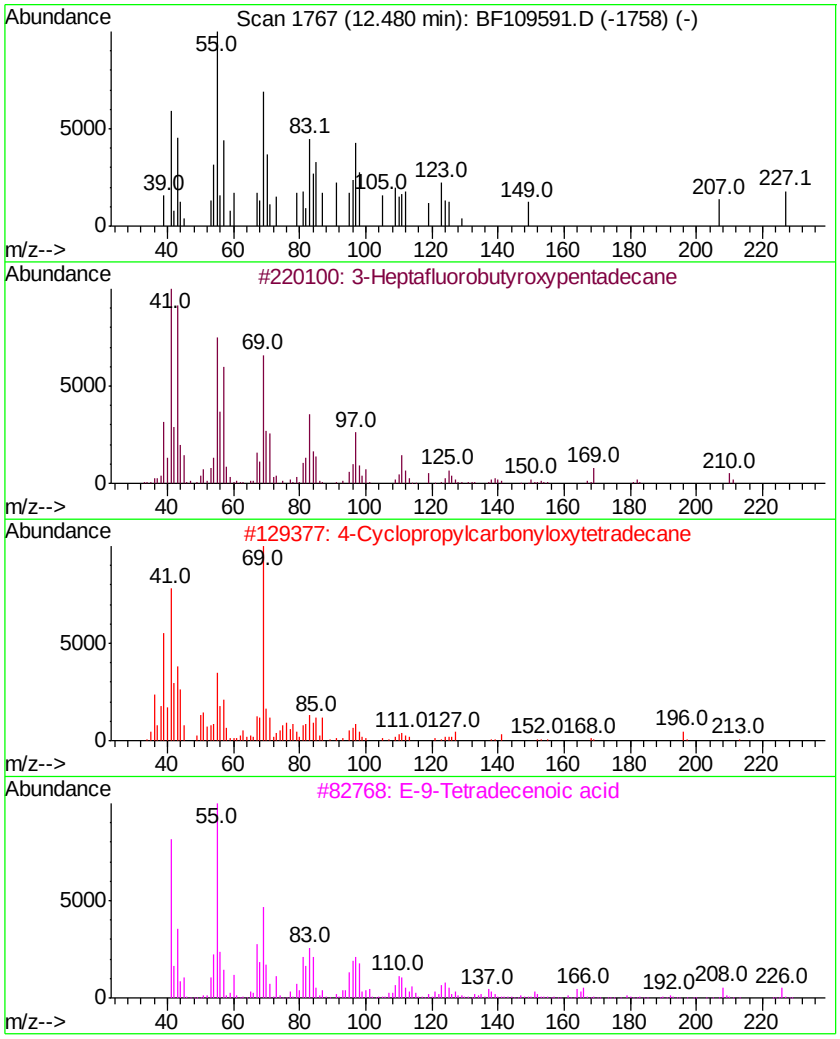
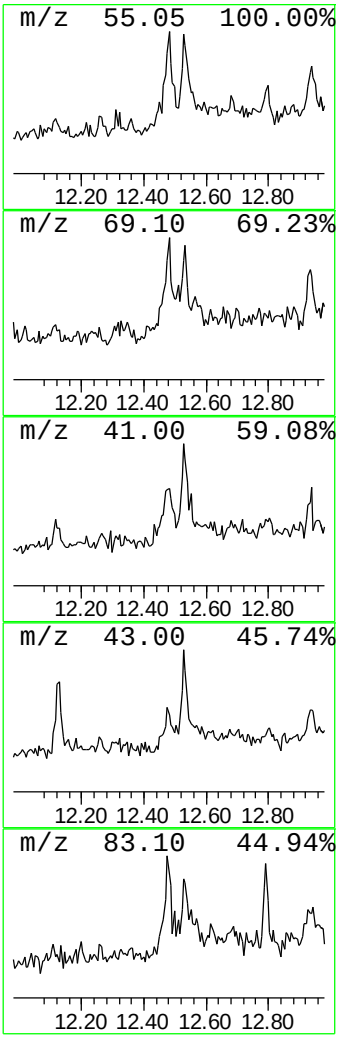
Peak Number 10 unknown12.48 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	2.23 ng	58111	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptafluorobutyroxypentadecane	424	C19H31F7O2	1000245-50-1	47
2	4-Cyclopropylcarbonyloxytetradecane	282	C18H34O2	1000245-58-8	47
3	E-9-Tetradecenoic acid	226	C14H26O2	1000131-35-8	46
4	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	43
5	Cyclopentadecanone, 2-hydroxy-	240	C15H28O2	004727-18-8	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
Data File : BF109591.D
Acq On : 4 Oct 2018 17:14
Operator : JU/SJ
Sample : J5173-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DSN-001A-092818

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

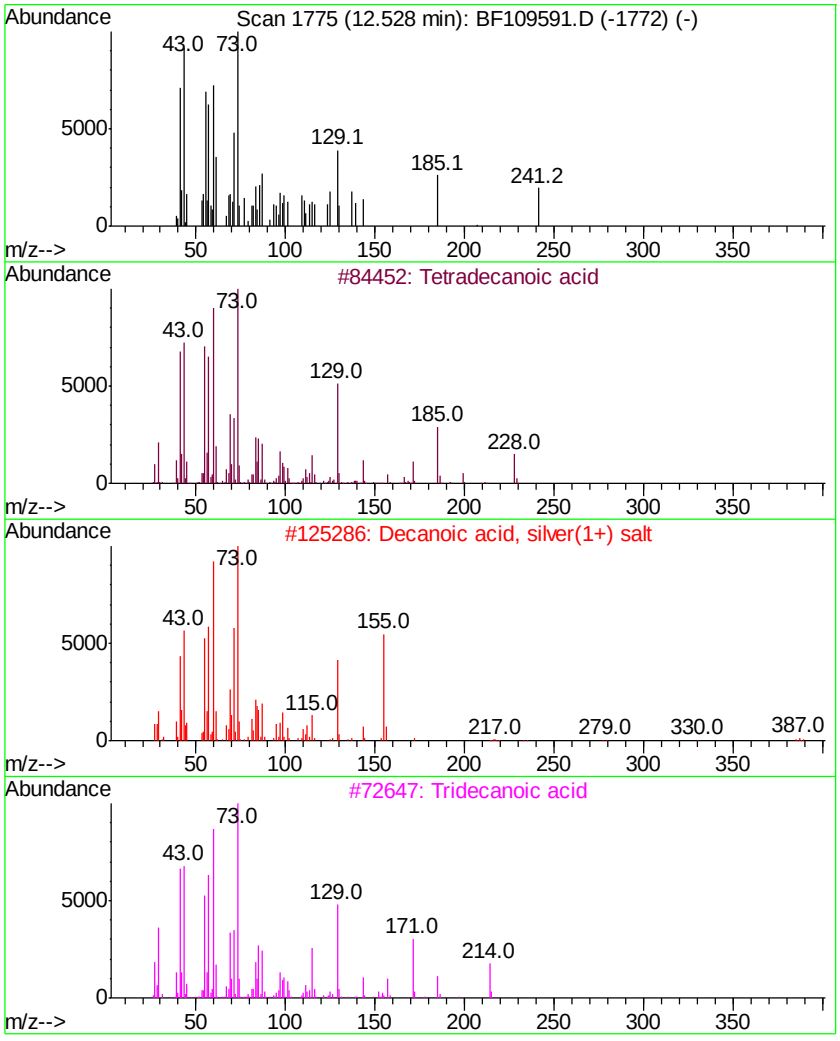
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

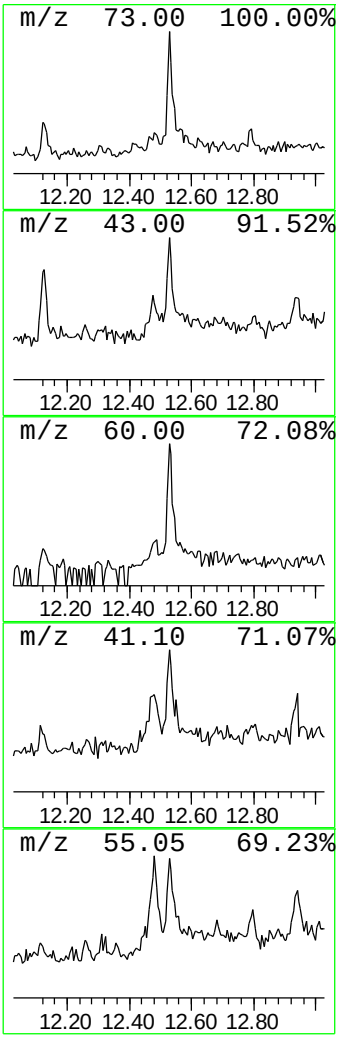
****

Peak Number 11 Tetradecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	2.14 ng	52522	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
2	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	53
3	Tridecanoic acid	214	C13H26O2	000638-53-9	53
4	Dodecanoic acid	200	C12H24O2	000143-07-7	47
5	n-Decanoic acid	172	C10H20O2	000334-48-5	43





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Acq On : 4 Oct 2018 17:14
Operator : JU/SJ
Sample : J5173-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DSN-001A-092818

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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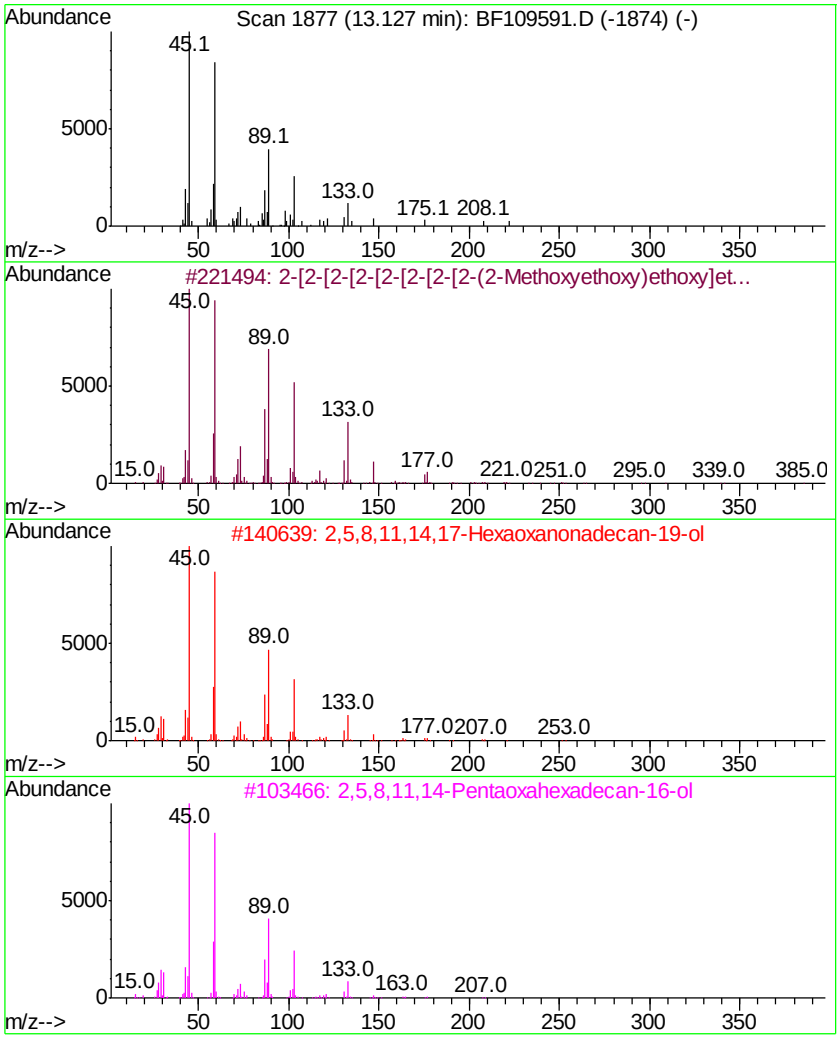
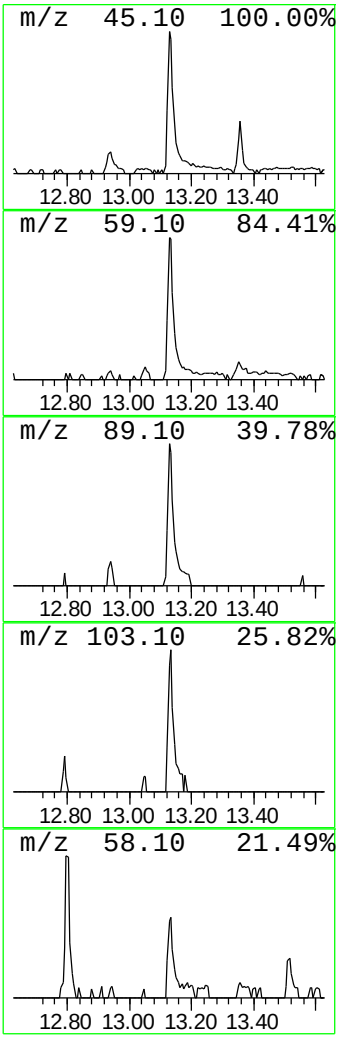
Peak Number 12 2-[2-[2-[2-[2-[2-[2-[2-(2-M... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	3.31 ng	81066	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-[2-[2-[2-[2-[2-(2-Methox...	428	C19H40O10	1000352-04-3	91
2	2,5,8,11,14,17-Hexaoxanonadecan-...	296	C13H28O7	023601-40-3	91
3	2,5,8,11,14-Pentaoxahexadecan-16-ol	252	C11H24O6	023778-52-1	91
4	2-[2-[2-[2-[2-[2-(2-Methoxyethox...	340	C15H32O8	1000352-04-1	70
5	2-[2-[2-[2-[2-[2-[2-(2-Methoxyet...	384	C17H36O9	1000352-04-2	58





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DSN-001A-092818

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

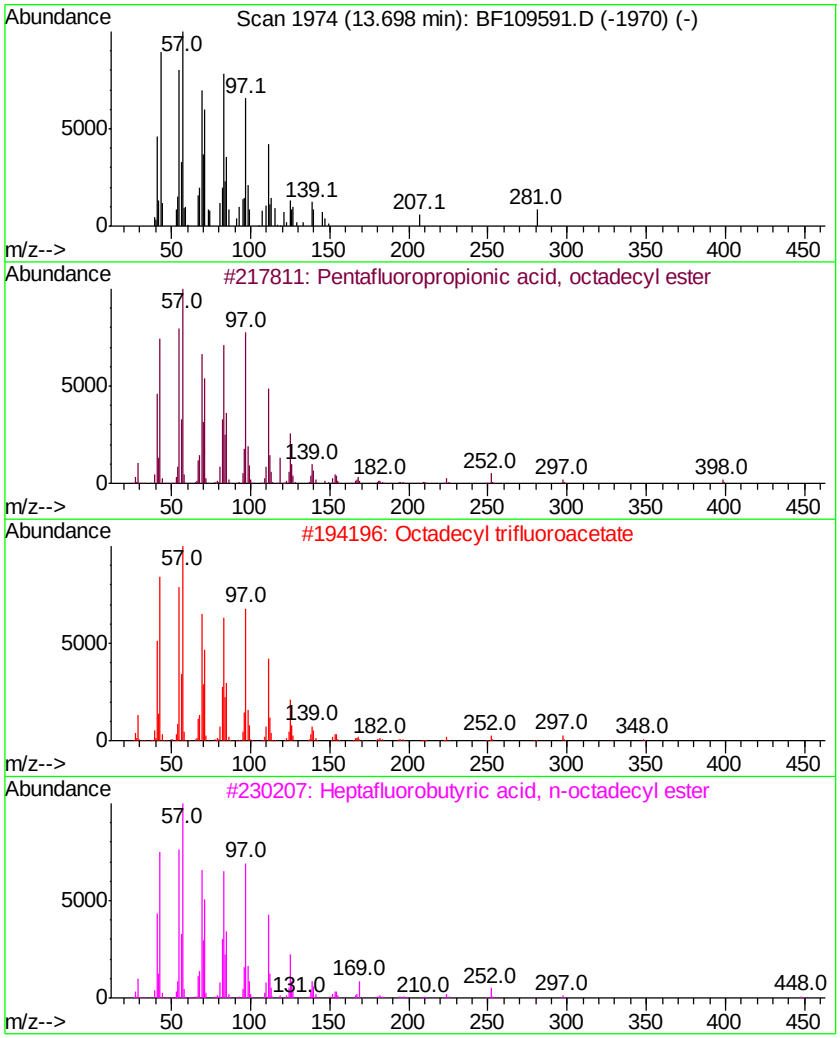
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

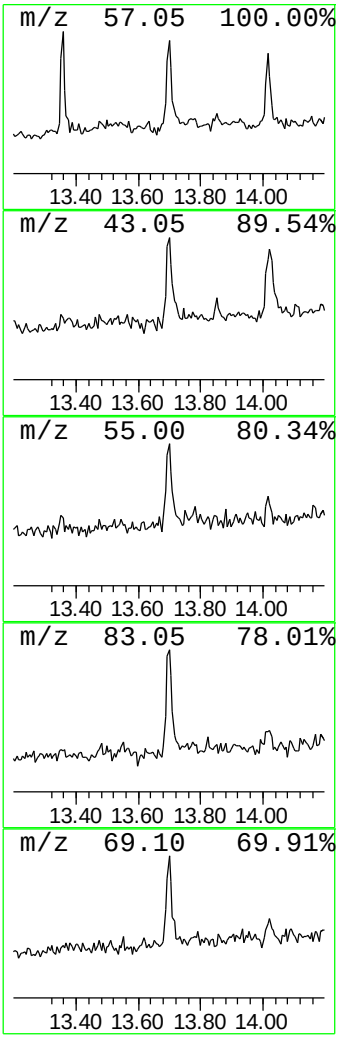
****

Peak Number 13 Pentafluoropropionic acid, ... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	2.99 ng	73328	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91
2	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	90





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Data File : BF109591.D
Acq On : 4 Oct 2018 17:14
Operator : JU/SJ
Sample : J5173-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DSN-001A-092818

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

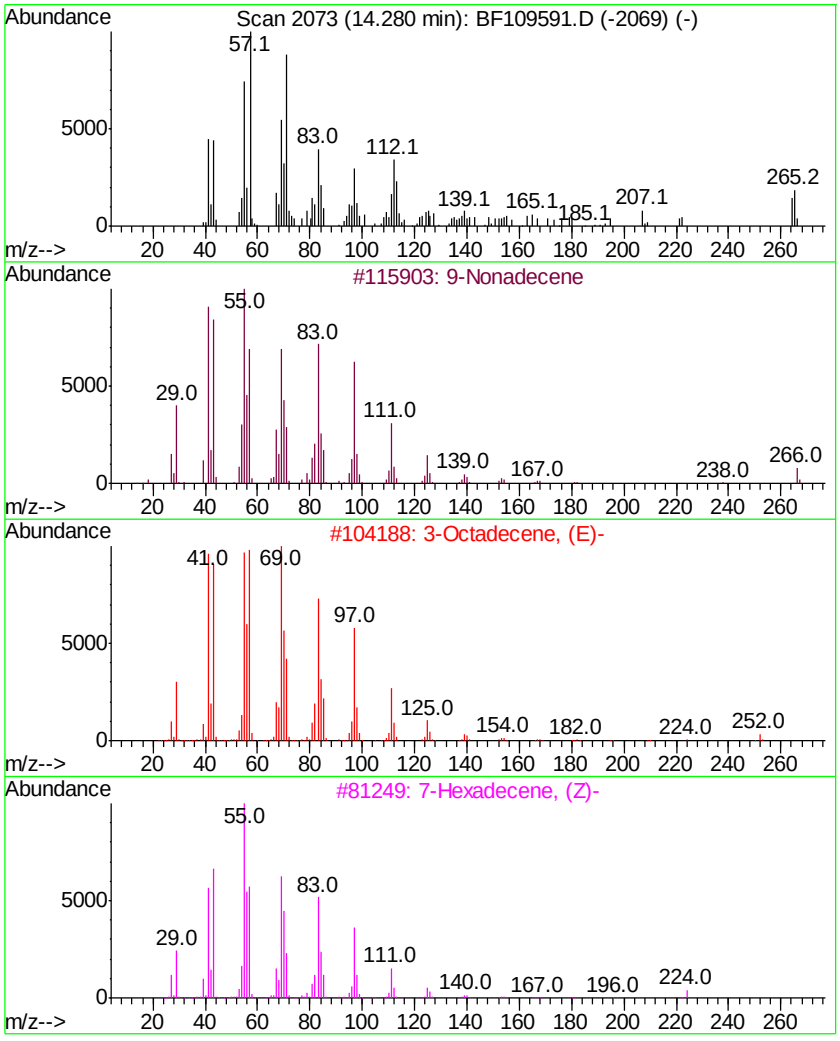
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

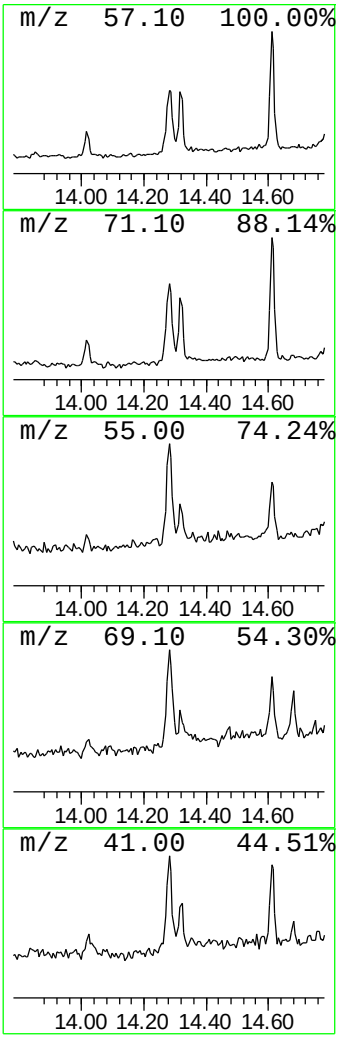
****

Peak Number 15 9-Nonadecene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	5.62 ng	137633	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Nonadecene	266	C19H38	031035-07-1	70
2	3-Octadecene, (E)-	252	C18H36	007206-19-1	38
3	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	30
4	9-Octadecene, (E)-	252	C18H36	007206-25-9	30
5	5-Octadecene, (E)-	252	C18H36	007206-21-5	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
Data File : BF109591.D
Acq On : 4 Oct 2018 17:14
Operator : JU/SJ
Sample : J5173-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DSN-001A-092818

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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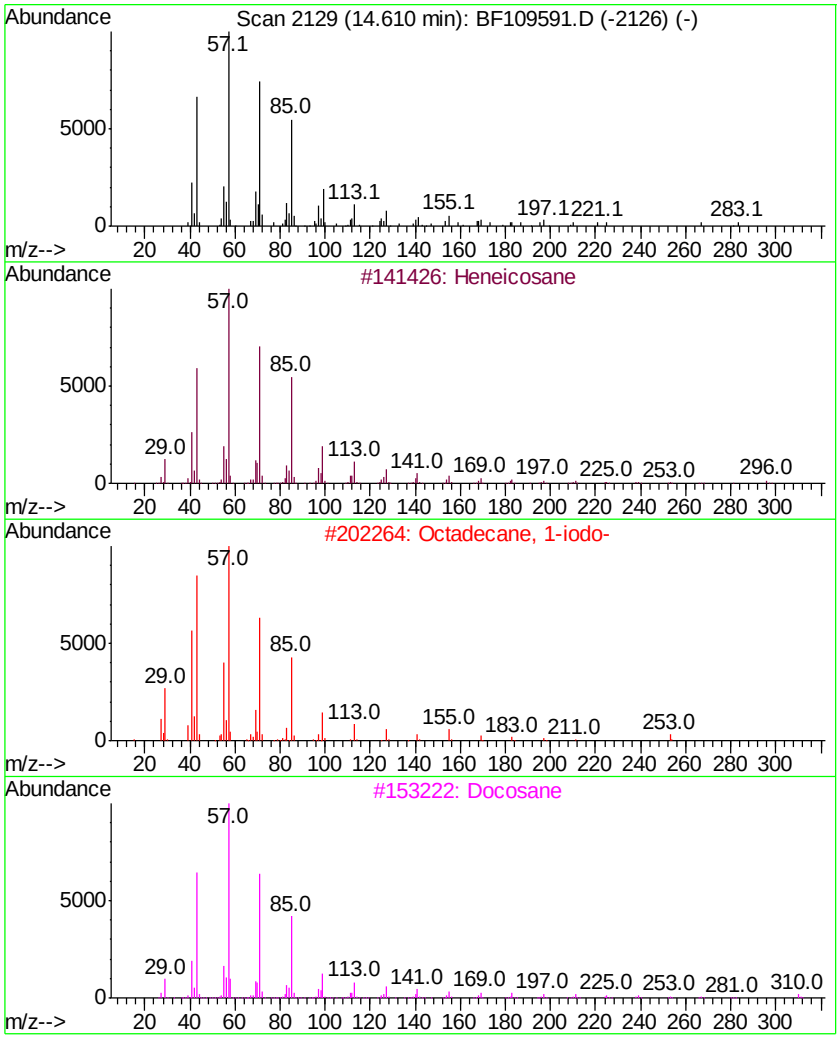
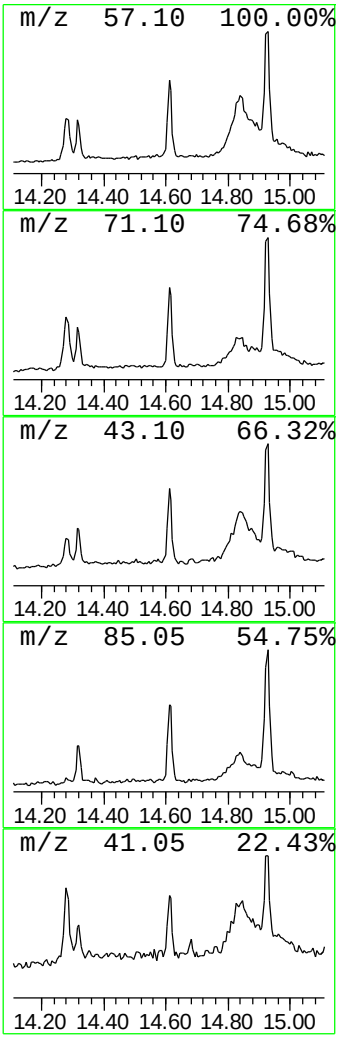
Peak Number 16 Heneicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	3.87 ng	89403	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	91
3	Docosane	310	C22H46	000629-97-0	90
4	Eicosane	282	C20H42	000112-95-8	90
5	Triacontane	422	C30H62	000638-68-6	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
Data File : BF109591.D
Acq On : 4 Oct 2018 17:14
Operator : JU/SJ
Sample : J5173-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DSN-001A-092818

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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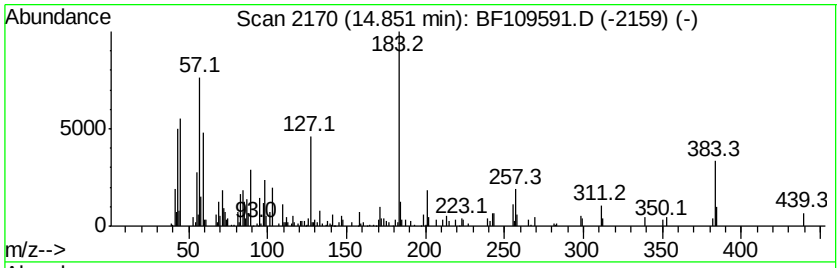
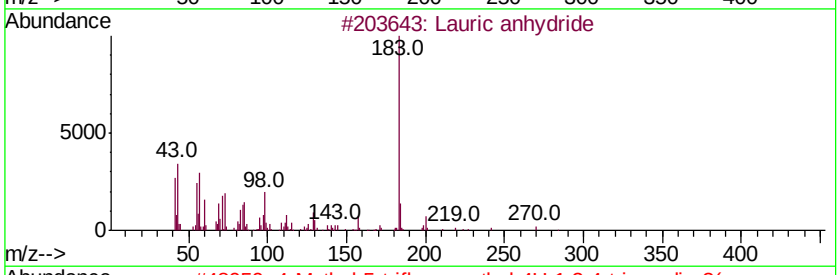
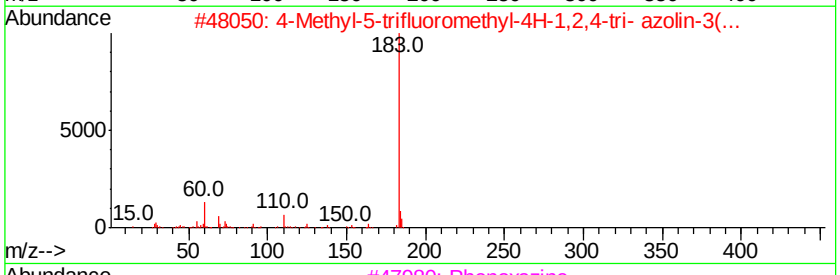
Peak Number 17 Lauric anhydride Concentration Rank 5

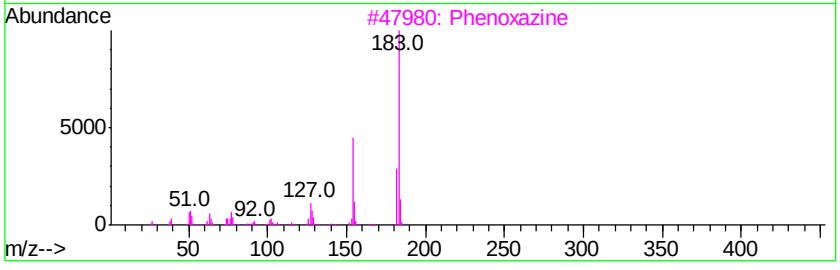
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	17.12 ng	395640	Perylene-d12	15.24

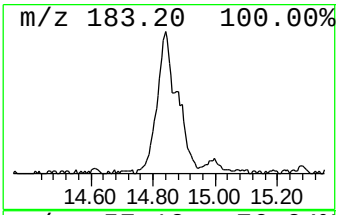
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Lauric anhydride	382	C24H46O3	000645-66-9	35
2	4-Methyl-5-trifluoromethyl-4H-1,...	183	C4H4F3N3S	030682-81-6	30
3	Phenoxazine	183	C12H9NO	000135-67-1	27
4	3-Cyano-1,3-dimethyl-5,5-dimetho...	242	C10H14N2O5	071167-50-5	27
5	4-Nitrophenyl laurate	321	C18H27NO4	001956-11-2	27

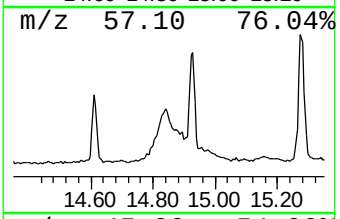


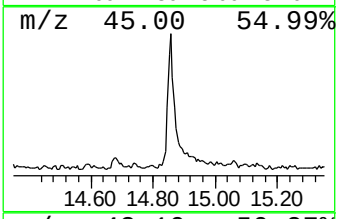


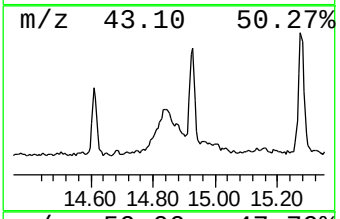


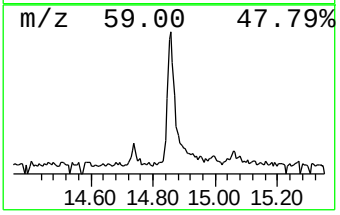












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
Data File : BF109591.D
Acq On : 4 Oct 2018 17:14
Operator : JU/SJ
Sample : J5173-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DSN-001A-092818

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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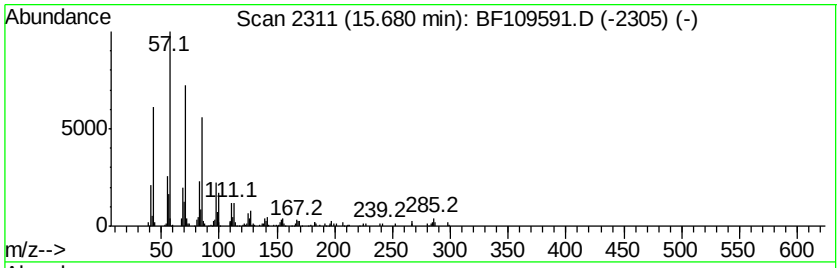
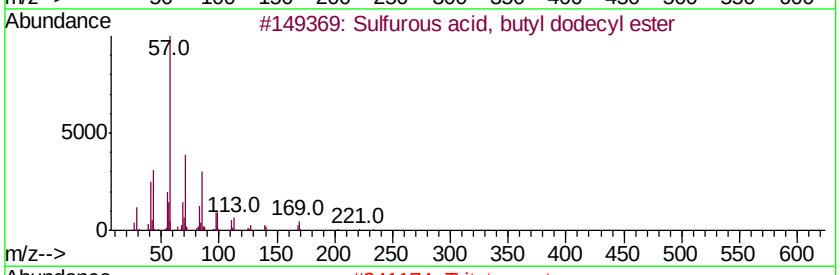
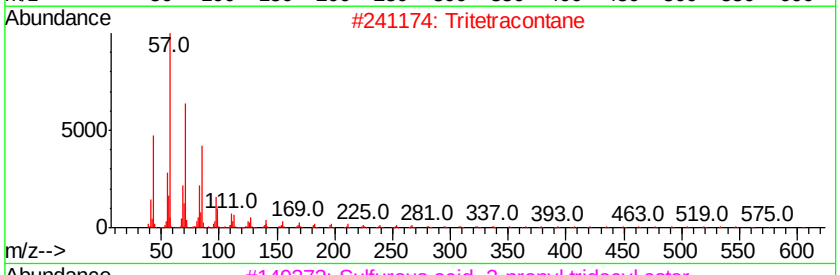
Peak Number 19 Sulfurous acid, butyl dodec... Concentration Rank 3

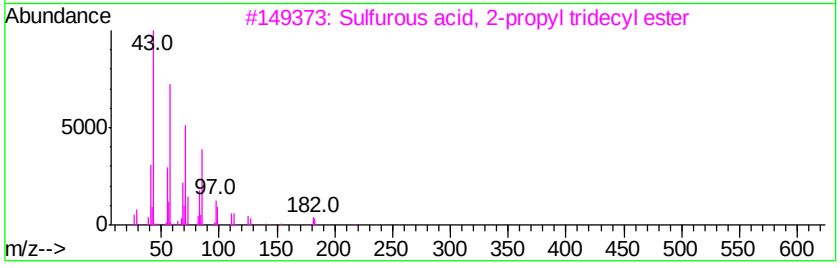
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	30.93 ng	714712	Perylene-d12	15.24

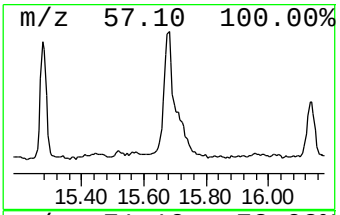
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	91
2	Tritetracontane	605	C43H88	007098-21-7	91
3	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	91
4	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	91
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	87

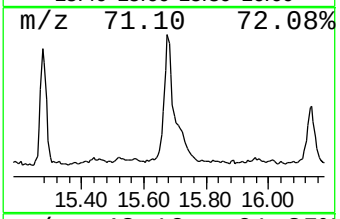


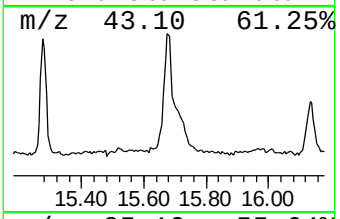


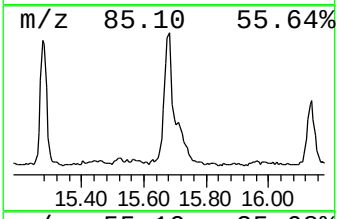


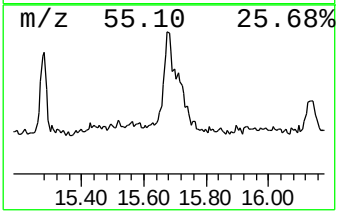












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100418\
Data File : BF109591.D
Acq On : 4 Oct 2018 17:14
Operator : JU/SJ
Sample : J5173-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DSN-001A-092818

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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
Ethylbenzene	5.17	10.5	ng	246629	1	6.70	470290	20.0
Benzene, 1,3-dime...	5.54	21.0	ng	492991	1	6.70	470290	20.0
unknown6.47	6.47	66.5	ng	1564300	1	6.70	470290	20.0
2-Propanol, 1-(2-...	6.55	15.1	ng	355999	1	6.70	470290	20.0
2-Propanol, 1-(2-...	6.64	15.0	ng	352147	1	6.70	470290	20.0
Benzothiazole	8.26	6.2	ng	175215	2	7.99	561659	20.0
2,5,8,11,14-Penta...	12.12	3.5	ng	90909	4	11.21	521070	20.0
unknown12.48	12.48	2.2	ng	58111	4	11.21	521070	20.0
Tetradecanoic acid	12.53	2.1	ng	52522	5	13.84	489892	20.0
2-[2-[2-[2-[2-[2-...	13.13	3.3	ng	81066	5	13.84	489892	20.0
Pentafluoropropio...	13.70	3.0	ng	73328	5	13.84	489892	20.0
9-Nonadecene	14.28	5.6	ng	137633	5	13.84	489892	20.0
Heneicosane	14.61	3.9	ng	89403	6	15.24	462126	20.0
Lauric anhydride	14.85	17.1	ng	395640	6	15.24	462126	20.0
Sulfurous acid, b...	15.68	30.9	ng	714712	6	15.24	462126	20.0