LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
Data File : BF109678.D
Acq On : 9 Oct 2018 6:06
Operator : JU/SJ
Sample : J5293-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VW-CONCRETE-WALL

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-BF100818.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	5.322	546	550	570	rBV	1458951	1898017	11.72%	2.405%
2	6.351	721	725	736	rBV	1418743	2177095	13.45%	2.759%
3	6.469	741	745	756	rVB	1925689	2638698	16.30%	3.343%
4	6.545	756	758	762	rBV	140139	180754	1.12%	0.229%
5	6.698	780	784	792	rBV	550135	620889	3.83%	0.787%
6	6.851	806	810	820	rBV	1758507	1676982	10.36%	2.125%
7	7.175	852	865	869	rVB	224183	629601	3.89%	0.798%
8	7.263	875	880	885	rBV	1008856	1200330	7.41%	1.521%
9	7.863	956	982	989	rBV	782204	3242311	20.02%	4.108%
10	7.922	989	992	997	rVV6	107554	204443	1.26%	0.259%
11	7.975	997	1001	1008	rVV	778478	891396	5.51%	1.129%
12	8.434	1059	1079	1089	rBV	926838	3036641	18.75%	3.848%
13	8.751	1130	1133	1146	rVV	494225	912116	5.63%	1.156%
14	8.939	1159	1165	1170	rBV	302565	486091	3.00%	0.616%
15	9.051	1179	1184	1195	rVB	2326868	2369720	14.64%	3.003%
16	9.263	1216	1220	1229	rBV	133199	236893	1.46%	0.300%
17	9.451	1248	1252	1267	rVB2	223307	472328	2.92%	0.598%
18	9.722	1294	1298	1305	rVV2	705005	710561	4.39%	0.900%
19	9.969	1335	1340	1348	rVV	474599	740705	4.57%	0.939%
20	10.510	1428	1432	1443	rBV	1107982	1238191	7.65%	1.569%
21	10.633	1450	1453	1460	rVB4	184098	268747	1.66%	0.341%
22	10.910	1494	1500	1507	rBV2	586015	1041970	6.44%	1.320%
23	11.022	1514	1519	1527	rBV2	1695946	2165841	13.38%	2.744%
24	11.104	1531	1533	1540	rVB2	179797	232131	1.43%	0.294%
25	11.163	1540	1543	1547	rBV	415818	399362	2.47%	0.506%
26	11.204	1547	1550	1552	rBV	566103	615721	3.80%	0.780%
27	11.233	1552	1555	1559	rVB	1977704	1809035	11.17%	2.292%
28	11.339	1568	1573	1578	rBV2	334141	468835	2.90%	0.594%
29	11.463	1587	1594	1598	rBV	3169128	4153962	25.66%	5.263%
30	11.504	1598	1601	1604	rVV2	214608	211302	1.31%	0.268%
31	11.692	1630	1633	1637	rBV2	152912	242329	1.50%	0.307%
32	11.822	1637	1655	1658	rBV	5106082	16191506	100.00%	20.516%
33	12.027	1687	1690	1697	rVB	246889	240038	1.48%	0.304%
34	12.157	1709	1712	1725	rVB3	375509	567665	3.51%	0.719%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J5293-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VW-CONCRETE-WALL

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.369	1745	1748	1750	rVB2	346919	300658	1.86%	0.381%
36	12.416	1753	1756	1759	rBV	614395	536546	3.31%	0.680%
37	12.474	1760	1766	1768	rBV	740054	1495103	9.23%	1.894%
38	12.586	1774	1785	1791	rBV	4433517	12138051	74.97%	15.380%
39	12.639	1791	1794	1798	rVV2	652025	1016658	6.28%	1.288%
40	12.692	1799	1803	1807	rVB	1006507	1111772	6.87%	1.409%
41	12.786	1816	1819	1824	rVB	1794886	1898773	11.73%	2.406%
42	13.069	1865	1867	1870	rVB3	213130	186066	1.15%	0.236%
43	13.133	1875	1878	1884	rVV4	453080	683931	4.22%	0.867%
44	13.204	1887	1890	1896	rVV3	578778	811625	5.01%	1.028%
45	13.257	1896	1899	1909	rVB5	685180	1245998	7.70%	1.579%
46	13.368	1915	1918	1924	rVB5	185843	331148	2.05%	0.420%
47	13.692	1970	1973	1974	rBV	184105	166487	1.03%	0.211%
48	13.774	1984	1987	1992	rBV4	269040	480309	2.97%	0.609%
49	13.833	1994	1997	2005	rVB	580287	830987	5.13%	1.053%
50	14.080	2037	2039	2042	rVB	355786	315619	1.95%	0.400%
51	14.304	2074	2077	2080	rBV2	145412	193004	1.19%	0.245%
52	14.668	2137	2139	2145	rVB3	252867	265470	1.64%	0.336%
53	15.233	2231	2235	2243	rVB	341713	516678	3.19%	0.655%
54	17.733	2656	2660	2670	rVB5	90254	225436	1.39%	0.286%

Sum of corrected areas: 78922525

LSC Report - Integrated Chromatogram

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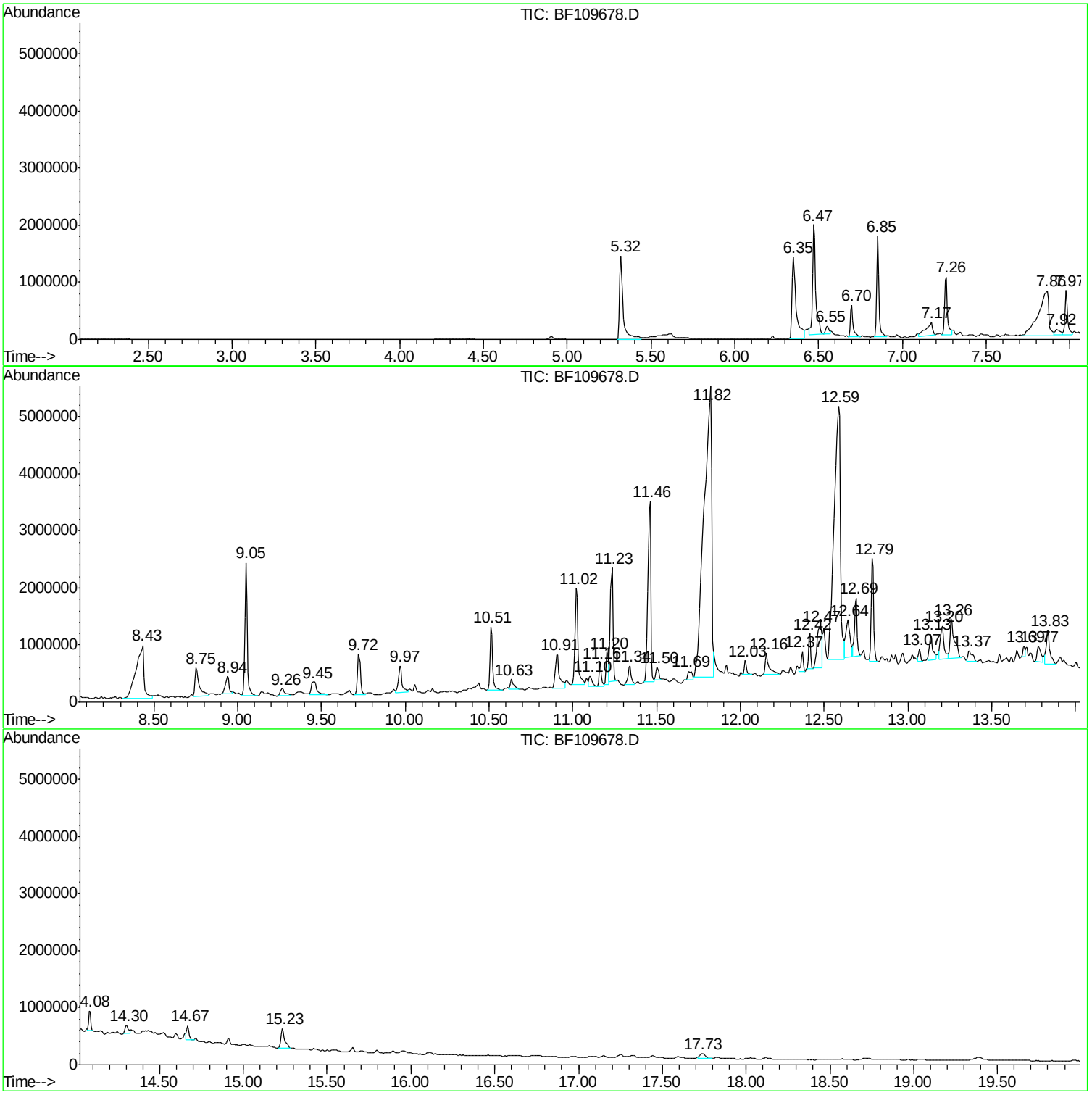
Data File : BF109678.D
Acq On : 9 Oct 2018 6:06
Operator : JU/SJ
Sample : J5293-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VW-CONCRETE-WALL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
Data File : BF109678.D
Acq On : 9 Oct 2018 6:06
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Misc :
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Instrument : BNA_F
ClientSampleId : VW-CONCRETE-WALL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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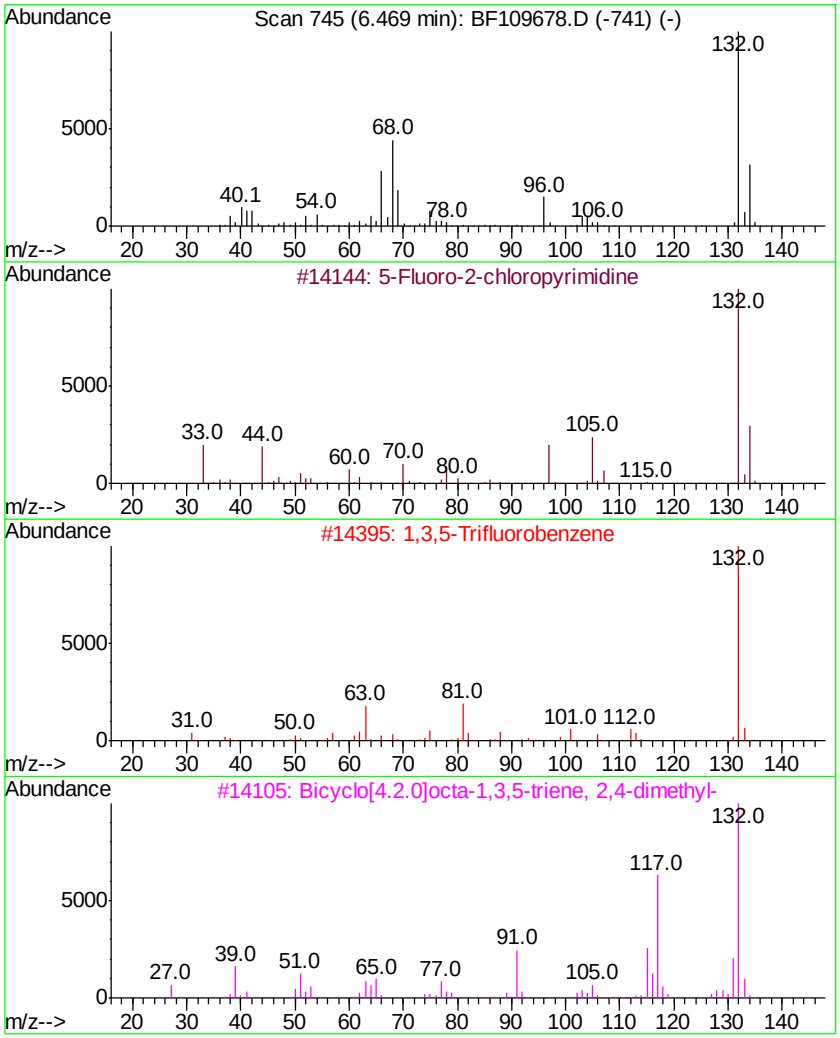
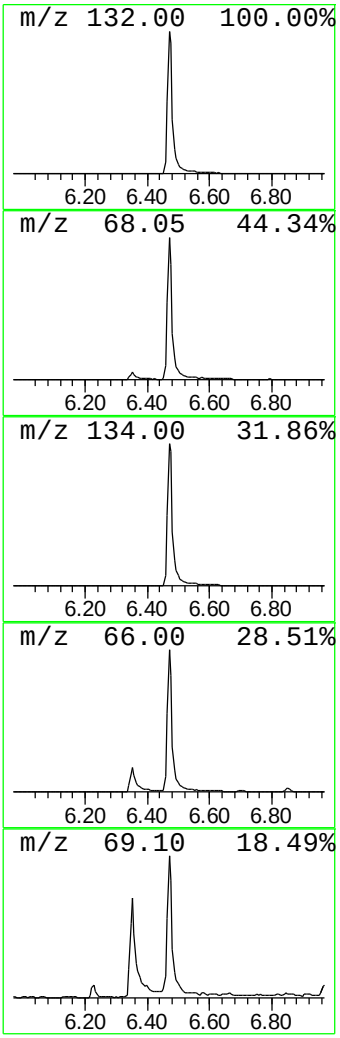
Peak Number 1 unknown6.47 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	85.00 ng	2638700	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
Data File : BF109678.D
Acq On : 9 Oct 2018 6:06
Operator : JU/SJ
Sample : J5293-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VW-CONCRETE-WALL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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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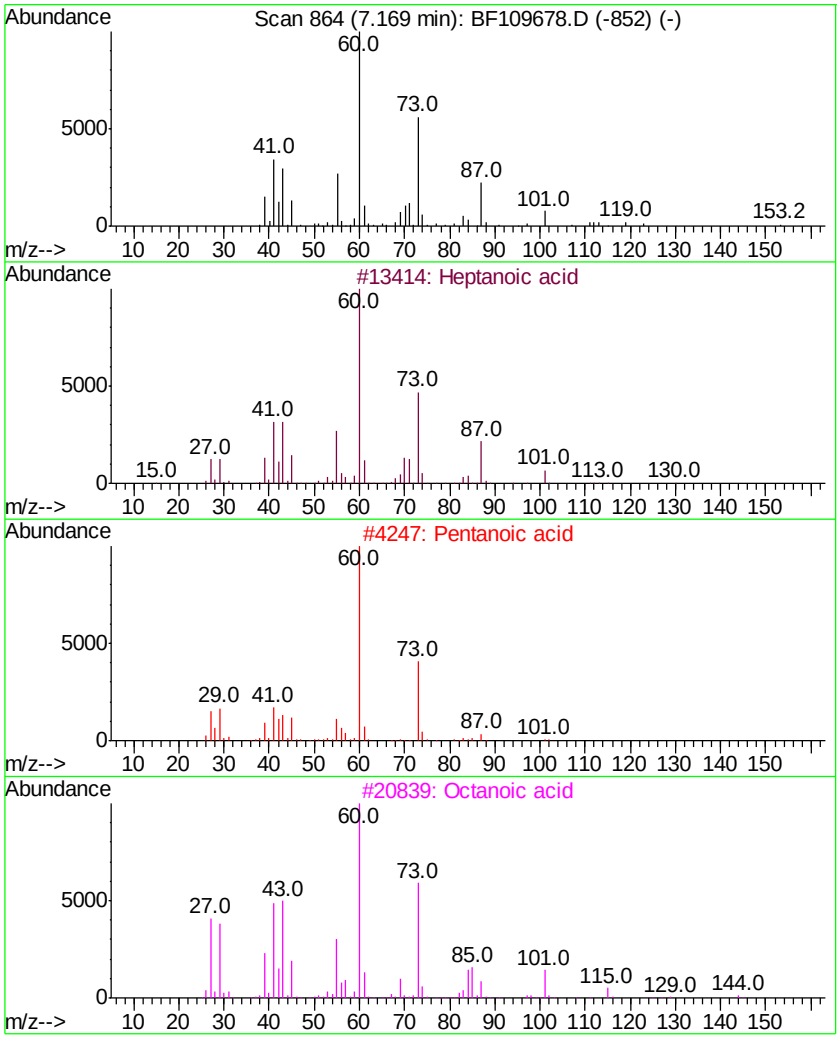
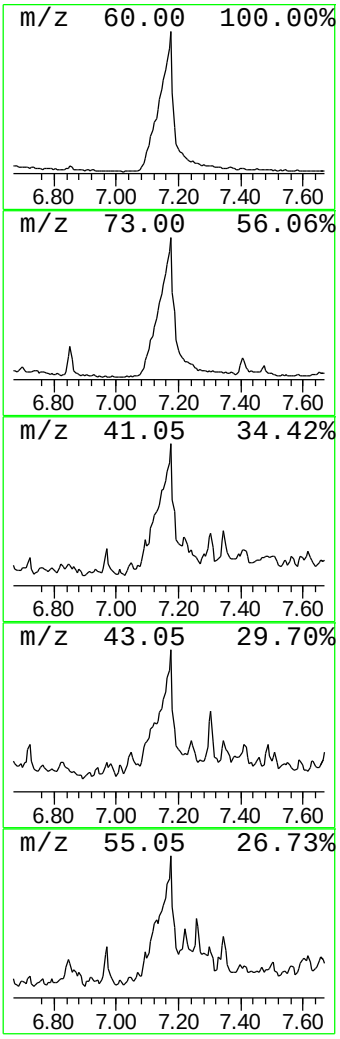
Peak Number 3 Heptanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	20.28 ng	629601	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid	130	C7H14O2	000111-14-8	86
2	Pentanoic acid	102	C5H10O2	000109-52-4	52
3	Octanoic acid	144	C8H16O2	000124-07-2	50
4	Hexanoic acid	116	C6H12O2	000142-62-1	50
5	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
Data File : BF109678.D
Acq On : 9 Oct 2018 6:06
Operator : JU/SJ
Sample : J5293-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VW-CONCRETE-WALL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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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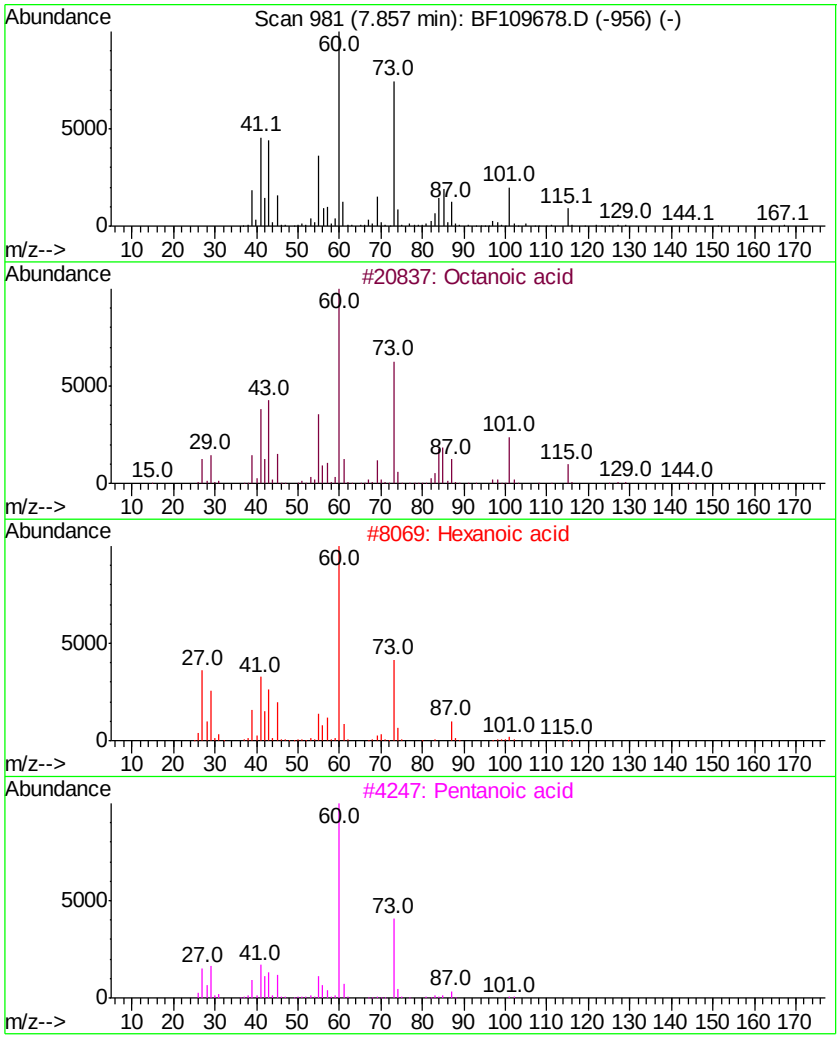
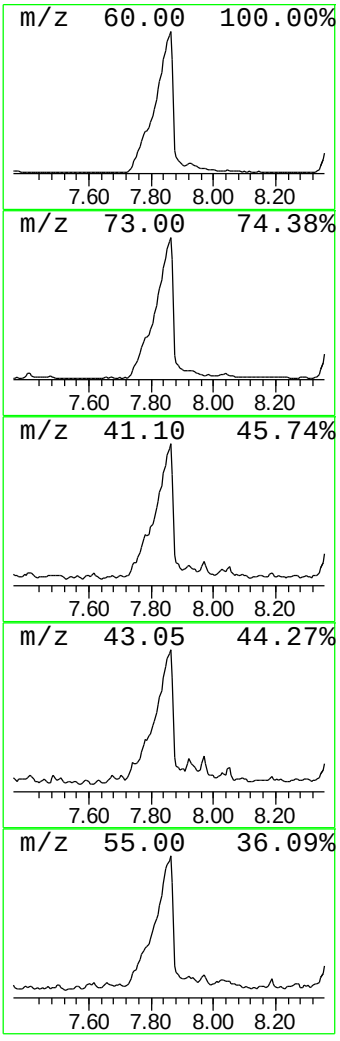
Peak Number 4 Octanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	72.75 ng	3242310	Naphthalene-d8	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid	144	C8H16O2	000124-07-2	96
2	Hexanoic acid	116	C6H12O2	000142-62-1	53
3	Pentanoic acid	102	C5H10O2	000109-52-4	50
4	Heptanoic acid	130	C7H14O2	000111-14-8	50
5	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
Data File : BF109678.D
Acq On : 9 Oct 2018 6:06
Operator : JU/SJ
Sample : J5293-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VW-CONCRETE-WALL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

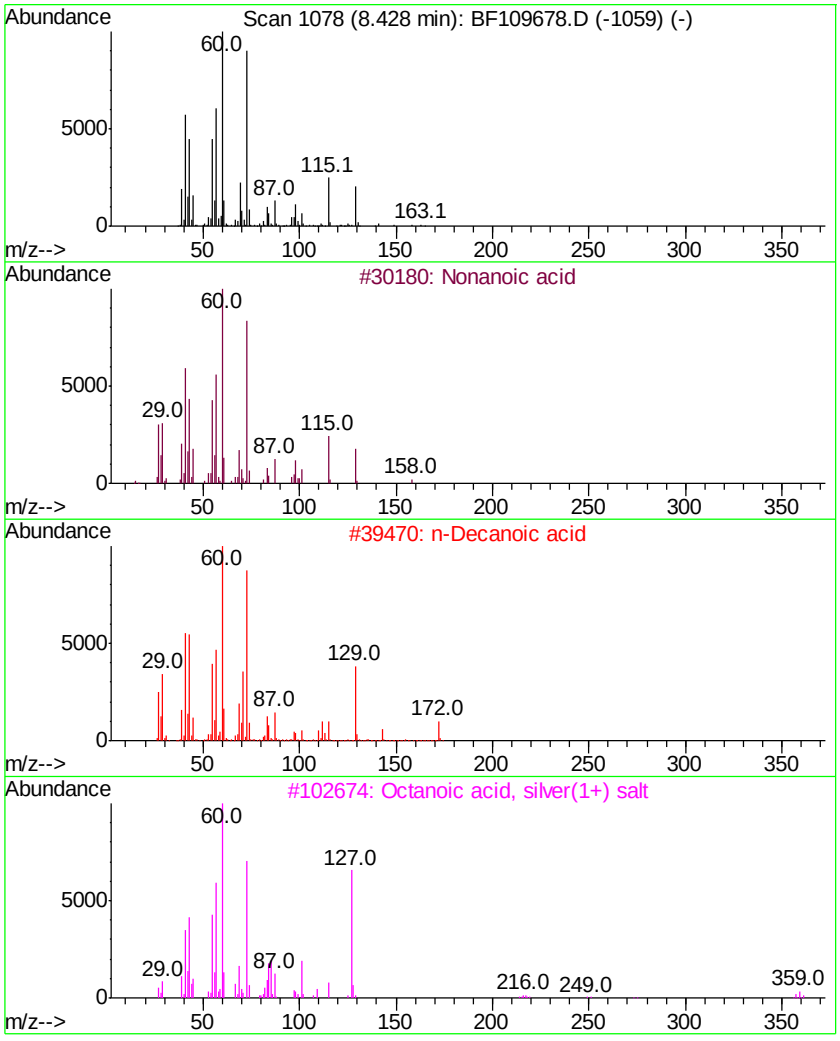
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

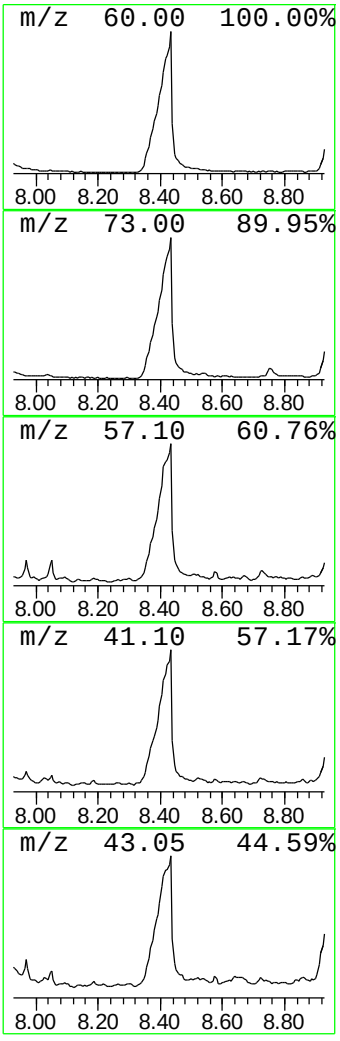
****

Peak Number 5 Nonanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	68.13 ng	3036640	Naphthalene-d8	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid	158	C9H18O2	000112-05-0	91
2	n-Decanoic acid	172	C10H20O2	000334-48-5	72
3	Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	50
4	Hexanoic acid	116	C6H12O2	000142-62-1	47
5	Heptanoic acid	130	C7H14O2	000111-14-8	43





Library Search Compound Report

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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VW-CONCRETE-WALL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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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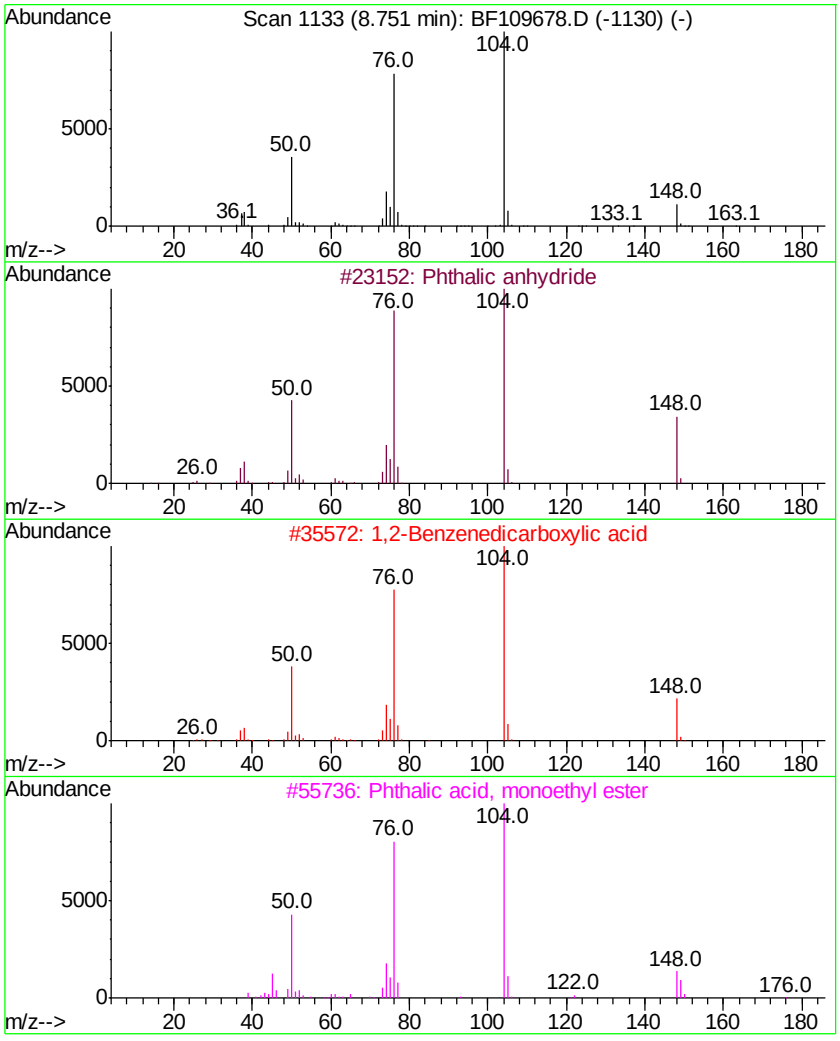
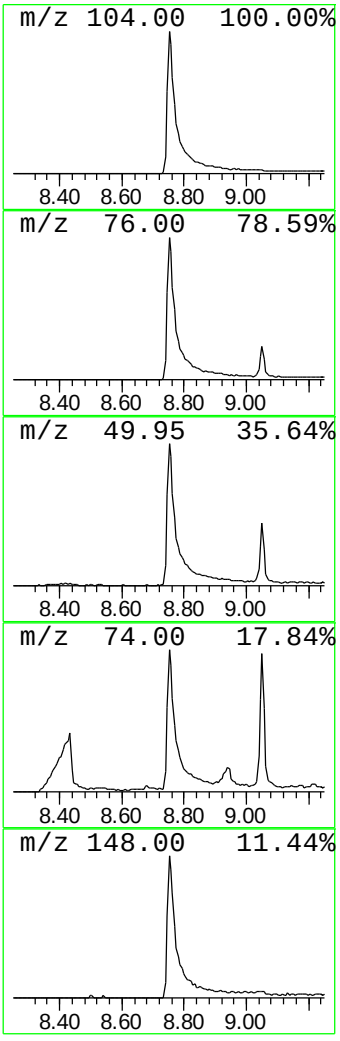
Peak Number 6 Phthalic anhydride Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	20.46 ng	912116	Naphthalene-d8	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic anhydride	148	C8H4O3	000085-44-9	95
2	1,2-Benzenedicarboxylic acid	166	C8H6O4	000088-99-3	90
3	Phthalic acid, monoethyl ester	194	C10H10O4	002306-33-4	83
4	Phthalamic acid	165	C8H7NO3	000088-97-1	83
5	Bicyclo[4.2.0]octa-1,3,5-triene-...	132	C8H4O2	006383-11-5	80





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Misc :
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ClientSampleId : VW-CONCRETE-WALL

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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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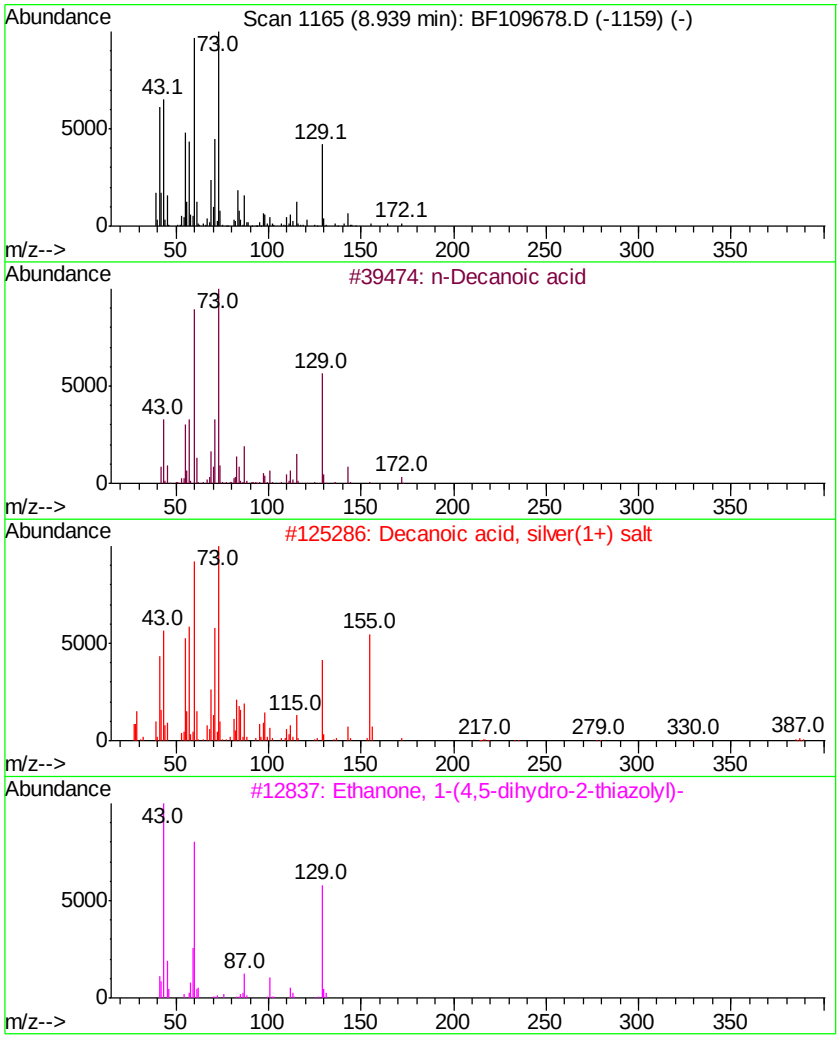
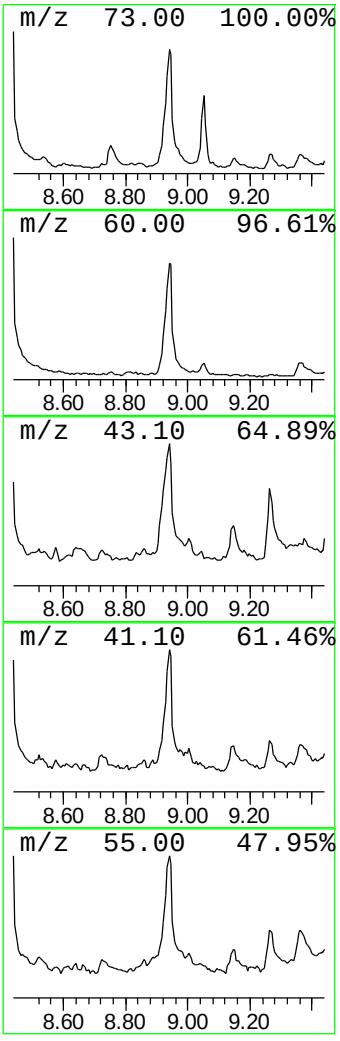
Peak Number 7 n-Decanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	13.68 ng	486091	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	96
2	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	64
3	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	53
4	Hexanoic acid	116	C6H12O2	000142-62-1	45
5	Heptanoic acid	130	C7H14O2	000111-14-8	43





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ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VW-CONCRETE-WALL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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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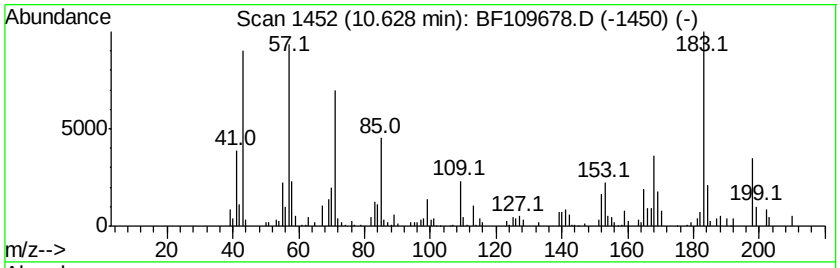
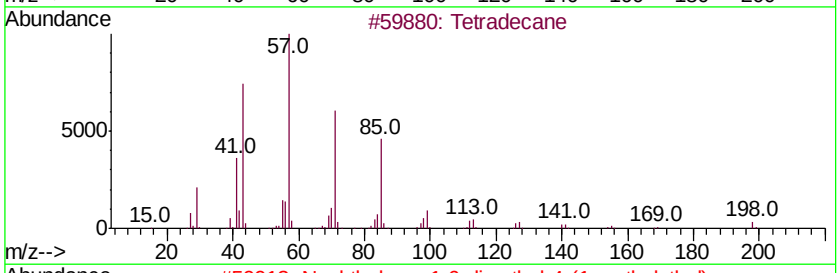
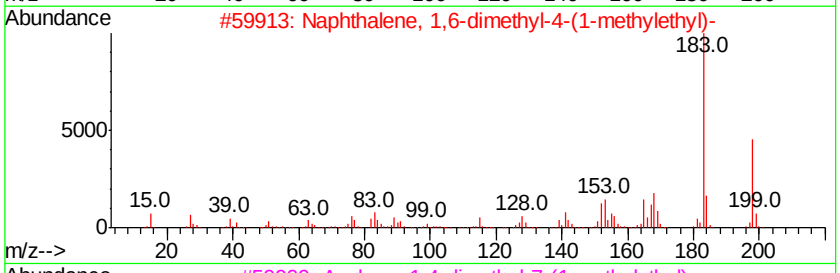
Peak Number 8 Tetradecane Concentration Rank 19

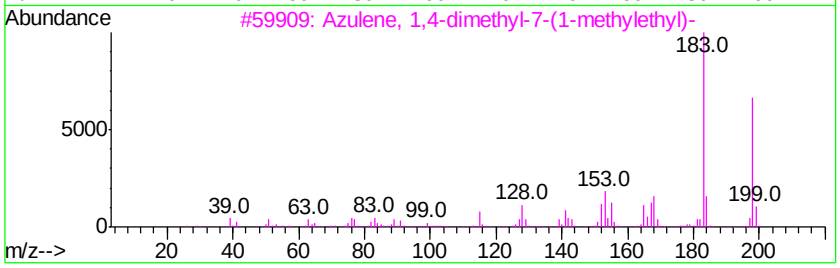
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	8.73 ng	268747	Phenanthrene-d10	11.20

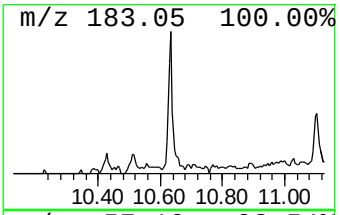
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	78
2	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	74
3	Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	51
4	Dodecane	170	C12H26	000112-40-3	50
5	Tridecane	184	C13H28	000629-50-5	49

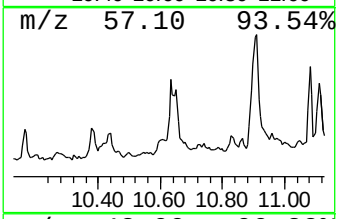


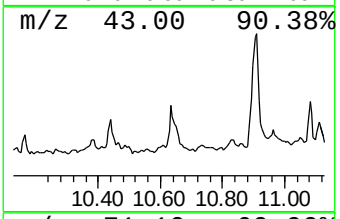


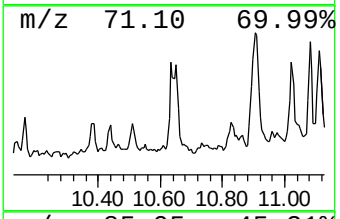


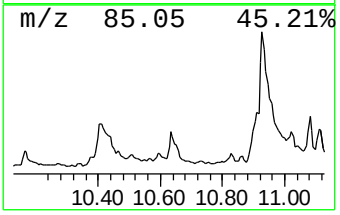












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Data File : BF109678.D
Acq On : 9 Oct 2018 6:06
Operator : JU/SJ
Sample : J5293-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VW-CONCRETE-WALL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

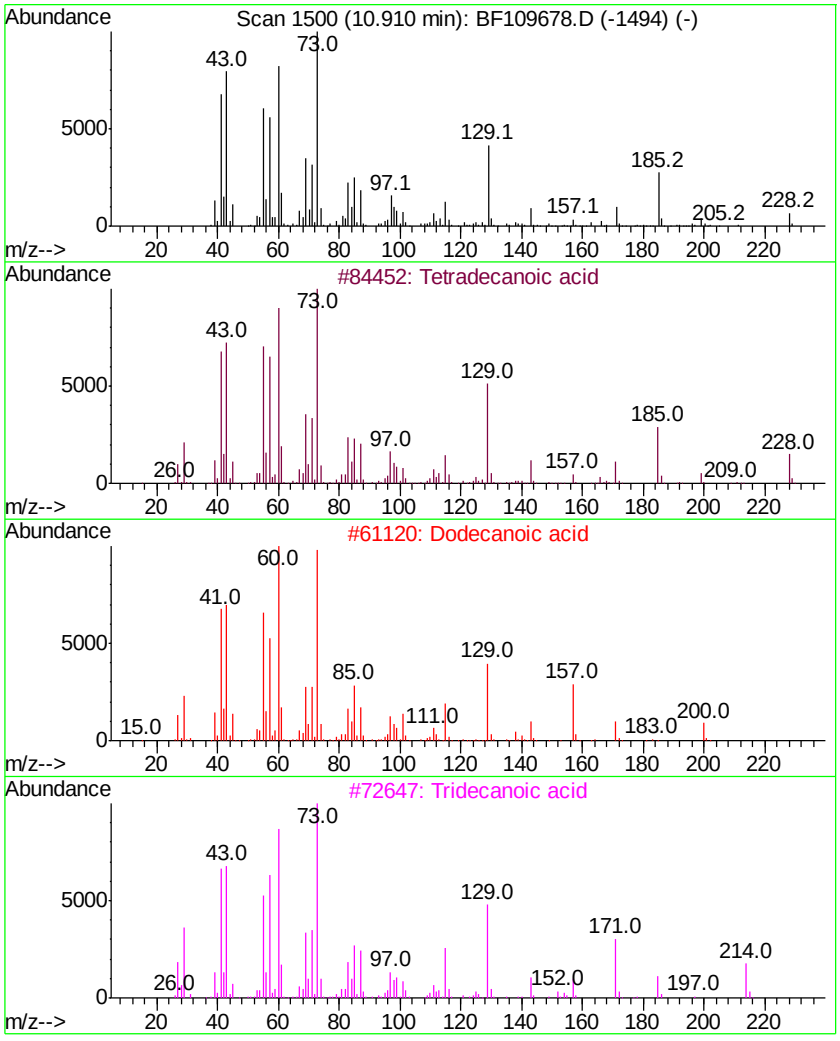
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

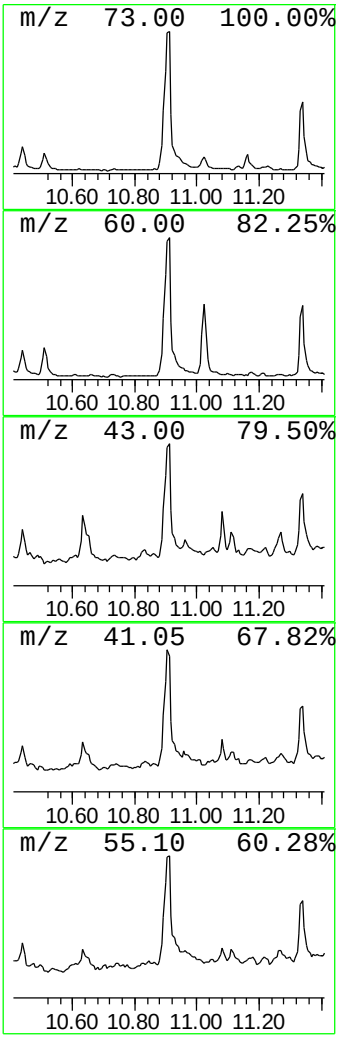
****

Peak Number 9 Tetradecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	33.85 ng	1041970	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	98
2	Dodecanoic acid	200	C12H24O2	000143-07-7	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	80
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Undecanoic acid	186	C11H22O2	000112-37-8	64





Library Search Compound Report

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Operator : JU/SJ
Sample : J5293-01
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Instrument : BNA_F
ClientSampleId : VW-CONCRETE-WALL

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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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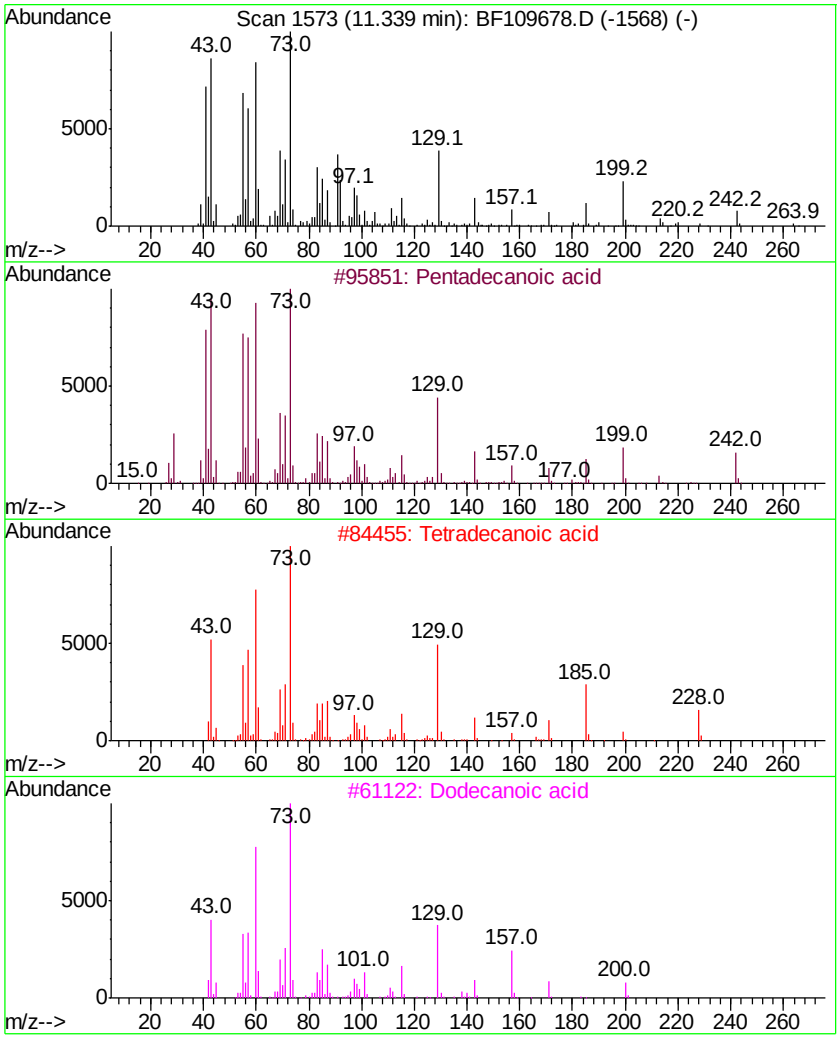
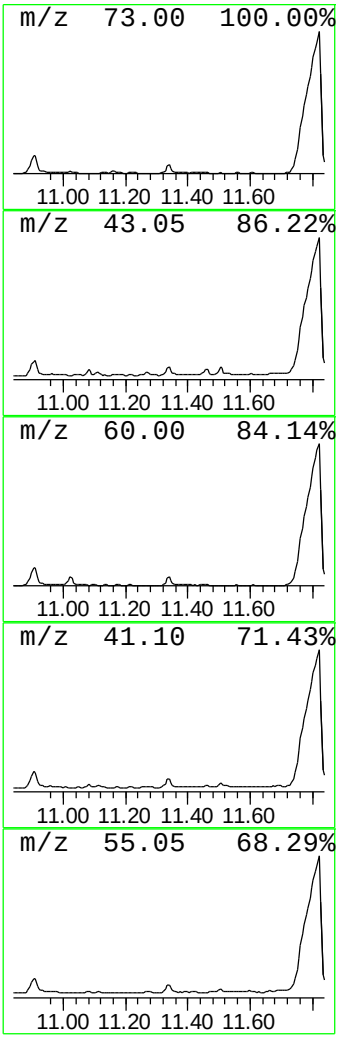
Peak Number 10 Pentadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	15.23 ng	468835	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	96
3	Dodecanoic acid	200	C12H24O2	000143-07-7	89
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58





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Operator : JU/SJ
Sample : J5293-01
Misc :
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Instrument : BNA_F
ClientSampleId : VW-CONCRETE-WALL

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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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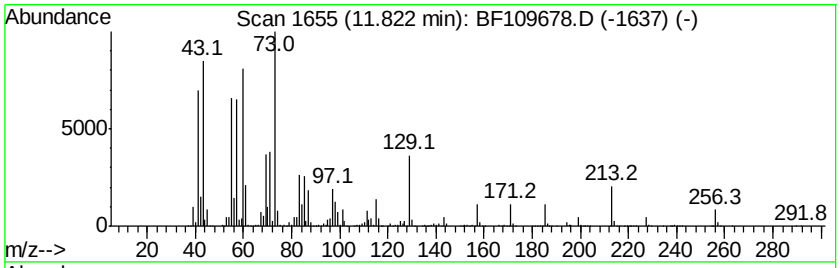
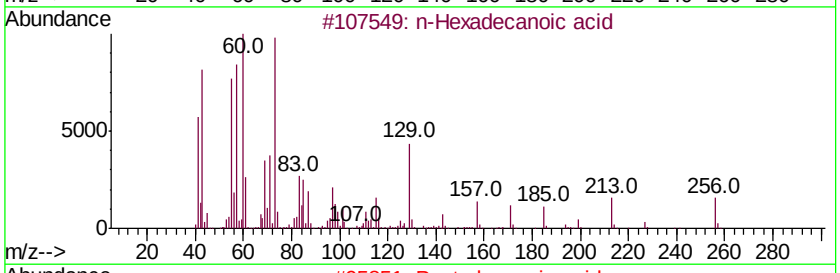
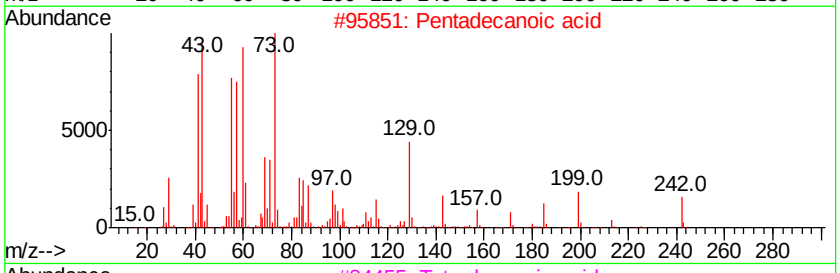
Peak Number 11 n-Hexadecanoic acid Concentration Rank 1

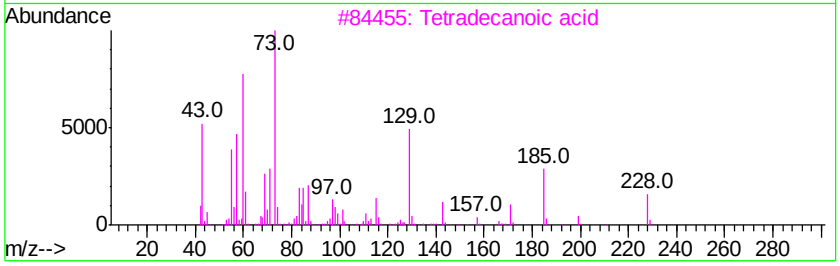
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	525.94 ng	16191500	Phenanthrene-d10	11.20

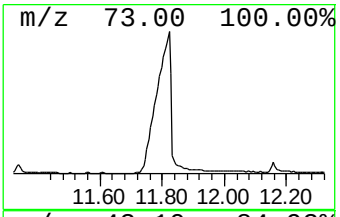
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	74
5	Estra-1,3,5(10)-trien-17.beta.-ol	256	C18H24O	002529-64-8	25

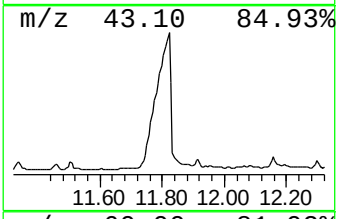


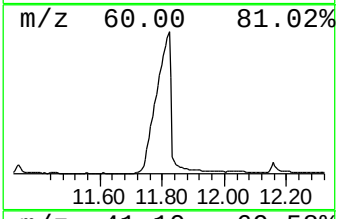


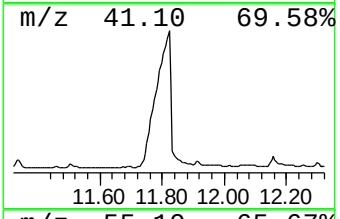


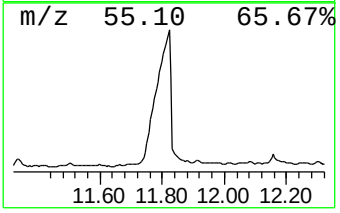












Library Search Compound Report

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Data File : BF109678.D
Acq On : 9 Oct 2018 6:06
Operator : JU/SJ
Sample : J5293-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VW-CONCRETE-WALL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

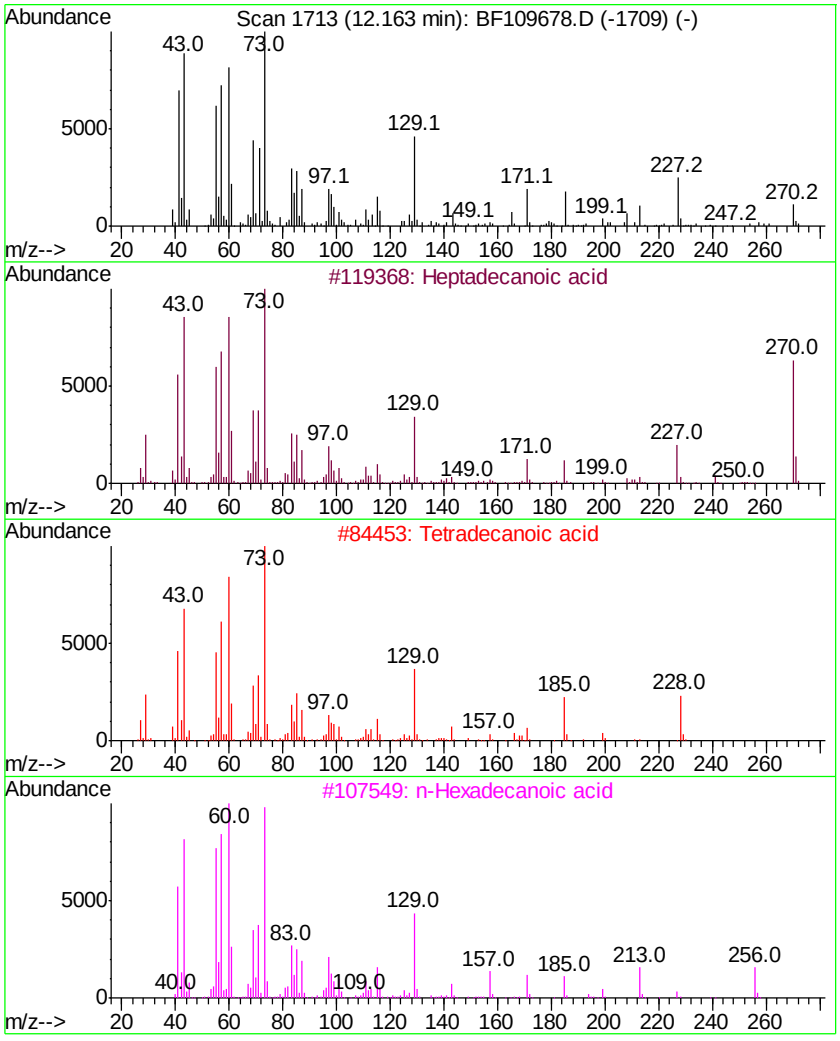
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

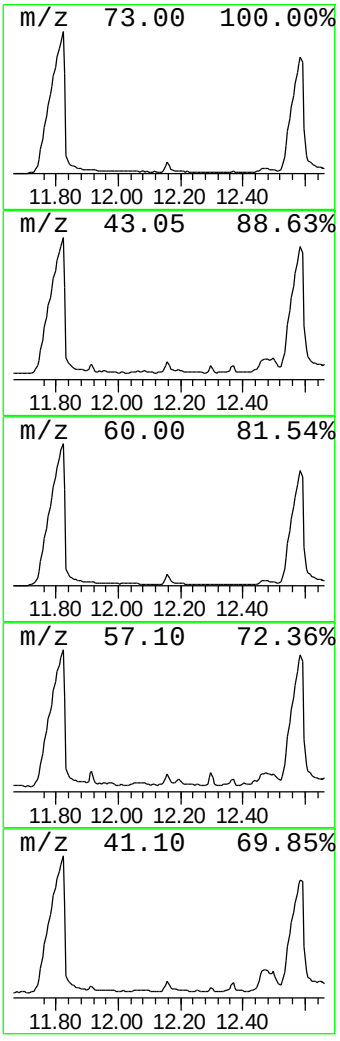
****

Peak Number 12 Heptadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	18.44 ng	567665	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanoic acid	270	C17H34O2	000506-12-7	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	Isopropyl myristate	270	C17H34O2	000110-27-0	64





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Sample : J5293-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VW-CONCRETE-WALL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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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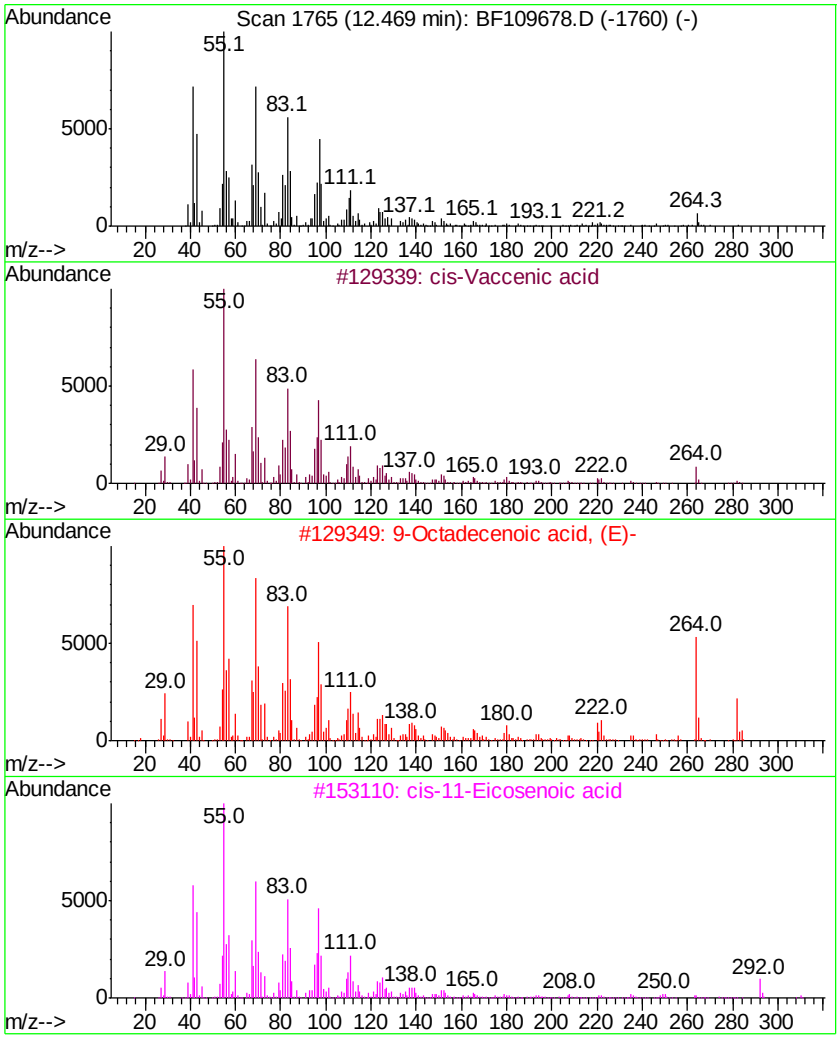
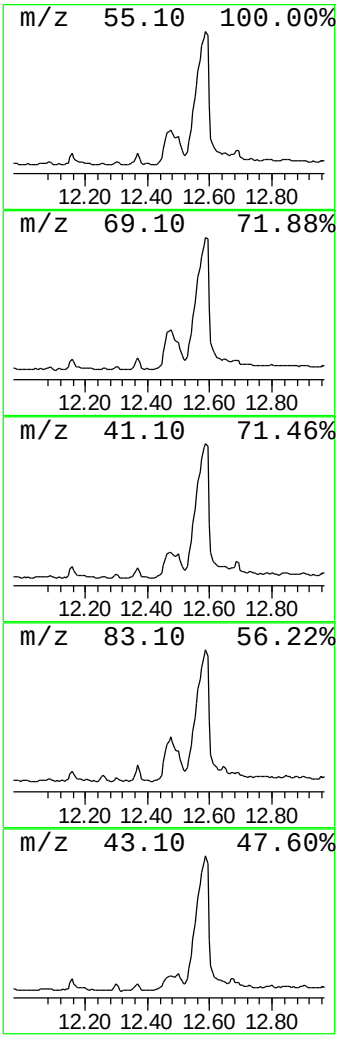
Peak Number 13 cis-Vaccenic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	48.56 ng	1495100	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Vaccenic acid	282	C18H34O2	000506-17-2	99
2	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	94
3	cis-11-Eicosenoic acid	310	C20H38O2	005561-99-9	93
4	Oleic Acid	282	C18H34O2	000112-80-1	91
5	14-Pentadecenoic acid	240	C15H28O2	017351-34-7	89





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Acq On : 9 Oct 2018 6:06
Operator : JU/SJ
Sample : J5293-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VW-CONCRETE-WALL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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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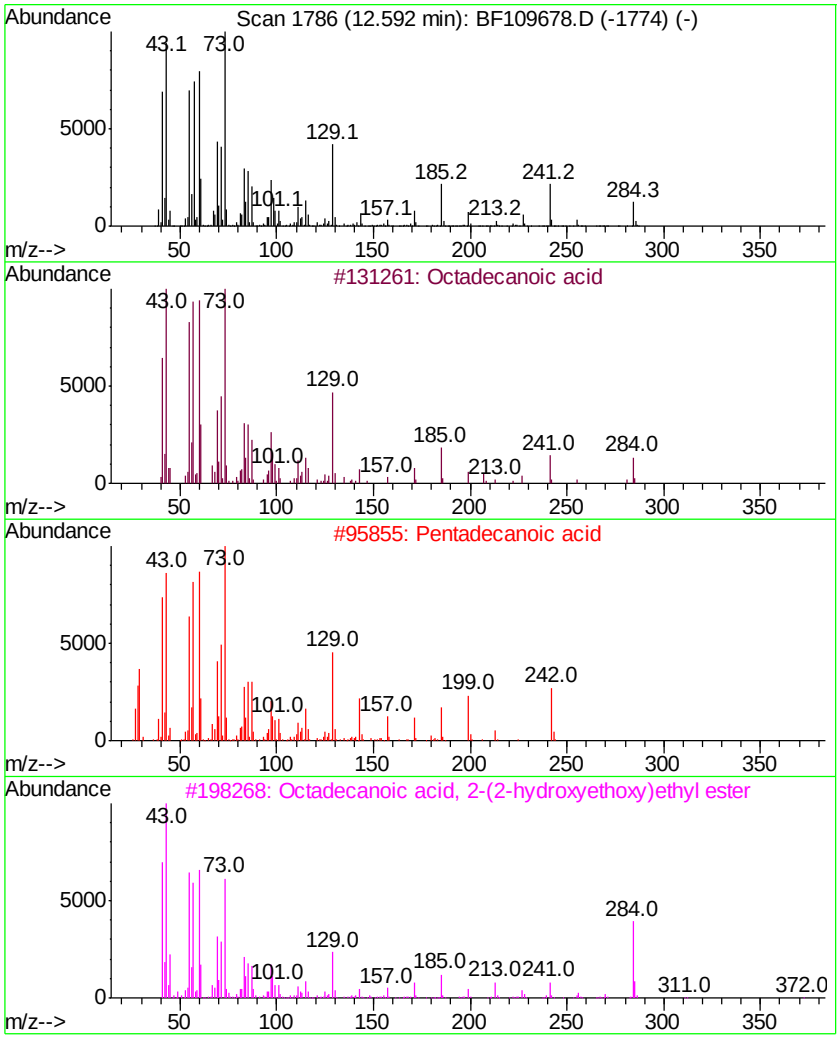
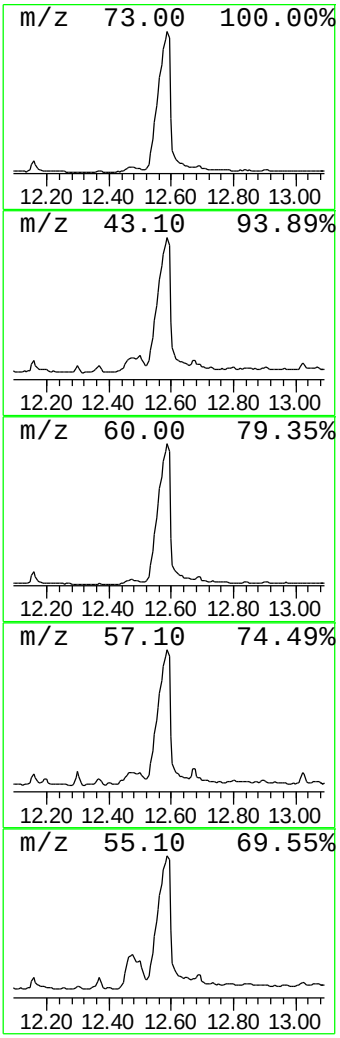
Peak Number 14 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	292.14 ng	12138100	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	62





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Sample : J5293-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VW-CONCRETE-WALL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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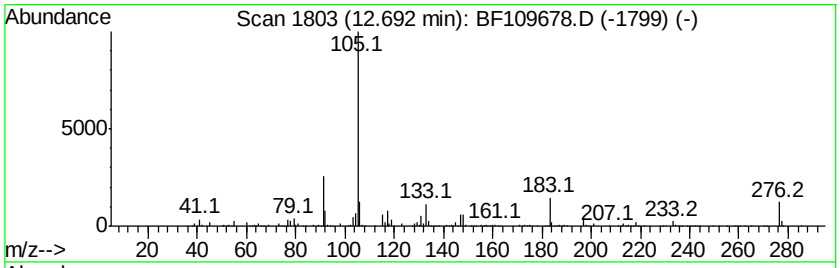
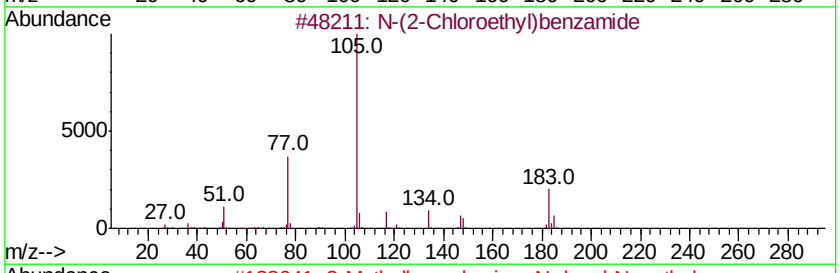
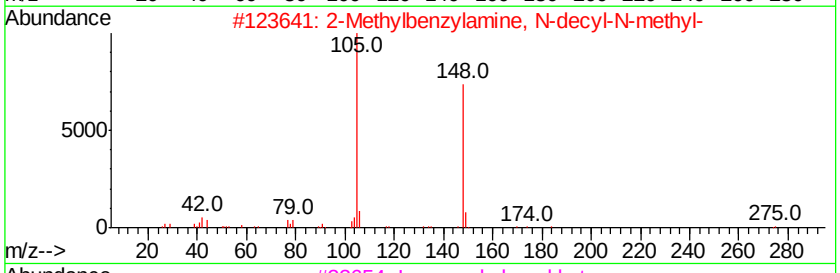
Peak Number 15 unknown12.69 Concentration Rank 10

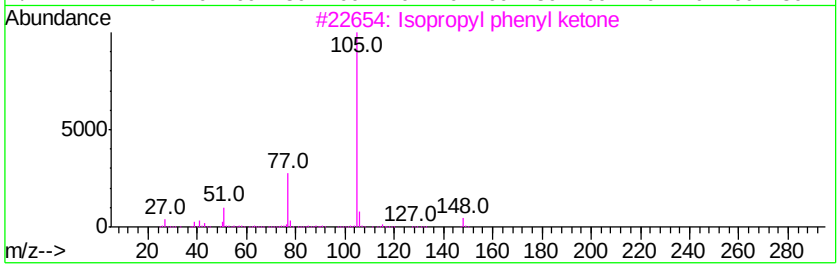
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	26.76 ng	1111770	Chrysene-d12	13.84

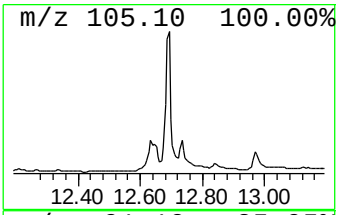
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(2-Chloroethyl)benzamide	183	C9H10ClNO	026385-07-9	37
2	2-Methylbenzylamine, N-decyl-N-m...	275	C19H33N	1000310-39-8	35
3	Isopropyl phenyl ketone	148	C10H12O	000611-70-1	35
4	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	25
5	4-Methylphenyl acetone	148	C10H12O	002096-86-8	25

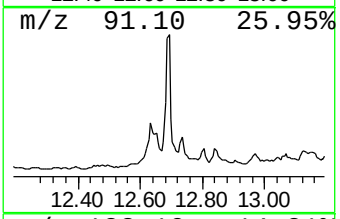


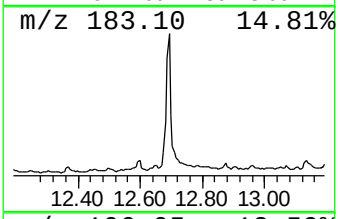


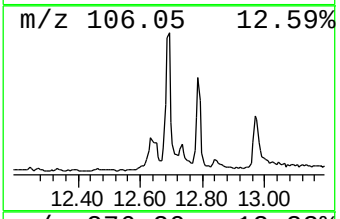


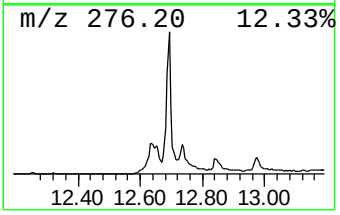












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Misc :
ALS Vial : 27 Sample Multiplier: 1

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

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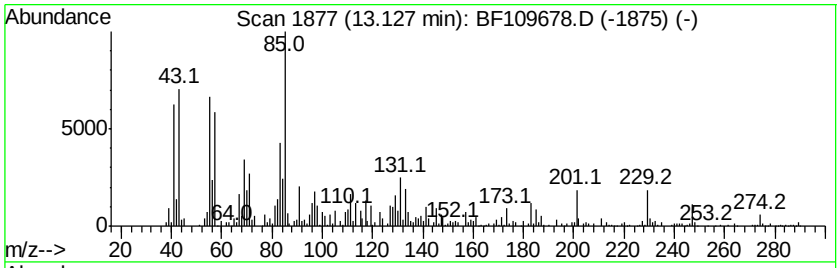
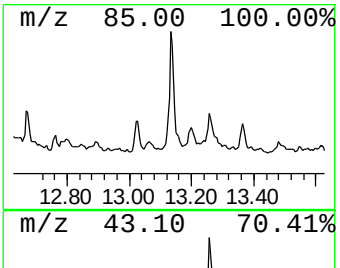
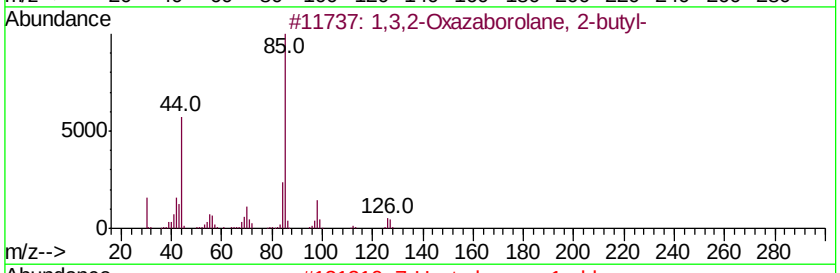
Peak Number 16 1,3,2-Oxazaborolane, 2-butyl- Concentration Rank 15

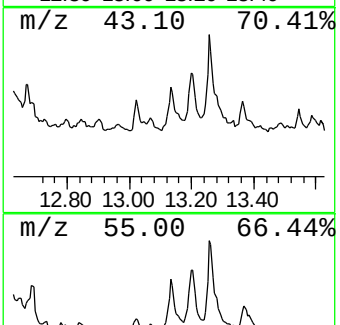
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	16.46 ng	683931	Chrysene-d12	13.84

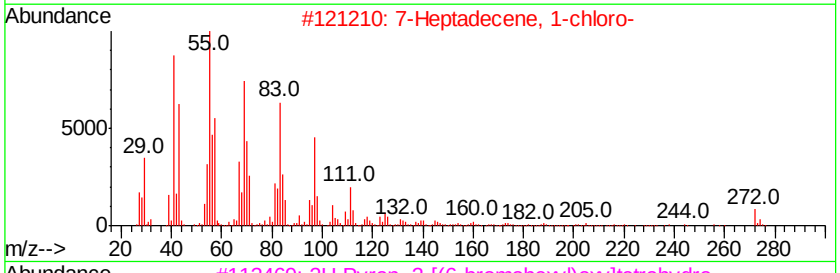
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,2-Oxazaborolane, 2-butyl-	127	C6H14BNO	031748-10-4	53
2	7-Heptadecene, 1-chloro-	272	C17H33Cl	056554-78-0	50
3	2H-Pyran, 2-[(6-bromohexyl)oxylt...	264	C11H21BrO2	053963-10-3	46
4	2-Norpinanol, 3,6,6-trimethyl-	154	C10H18O	029548-09-2	43
5	2,7-Octadien-4-ol, 2-methyl-6-me...	152	C10H16O	035628-00-3	38

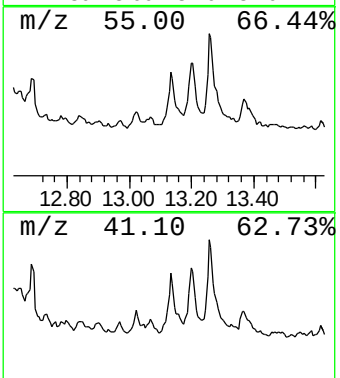


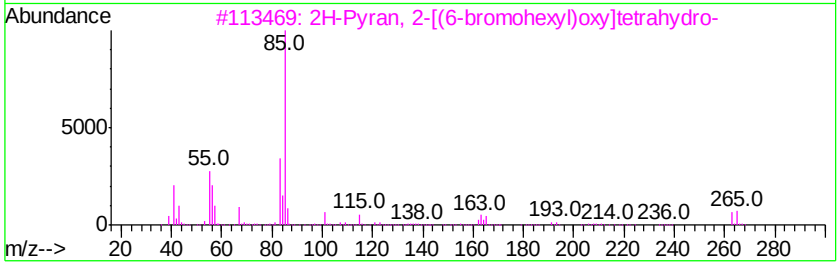


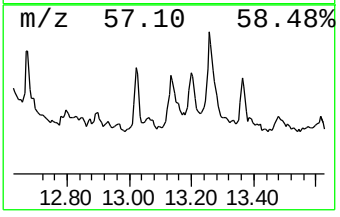












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
Data File : BF109678.D
Acq On : 9 Oct 2018 6:06
Operator : JU/SJ
Sample : J5293-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VW-CONCRETE-WALL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

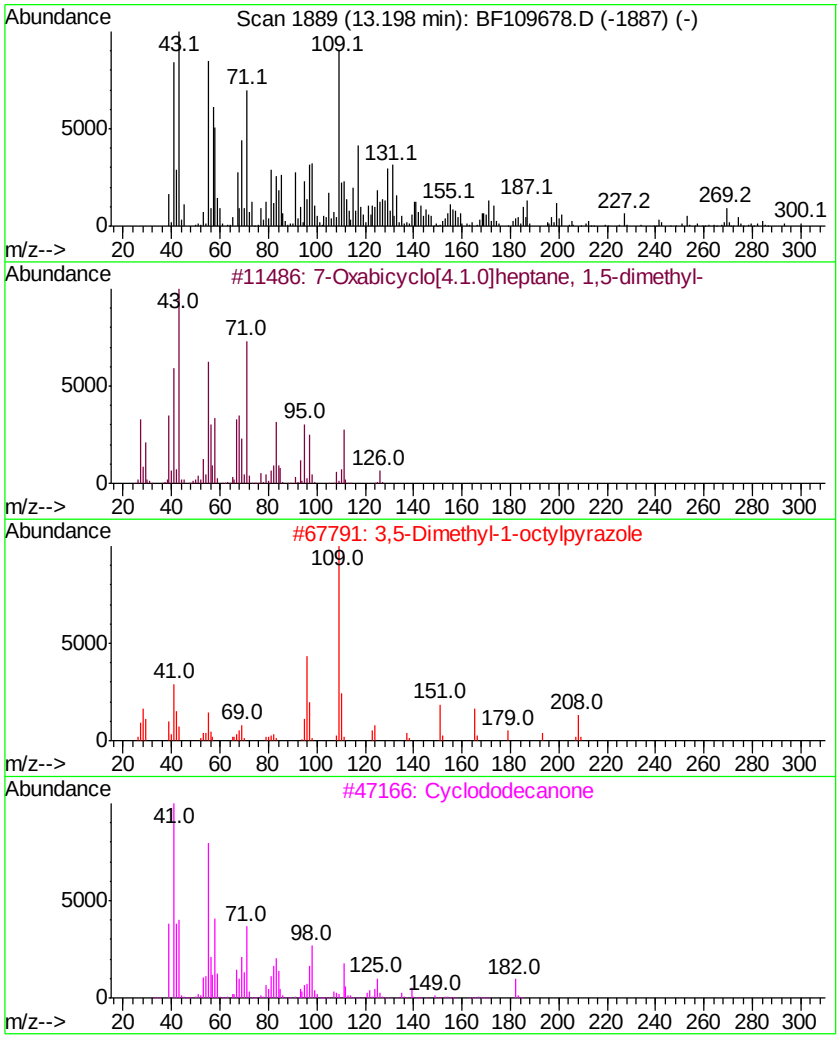
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

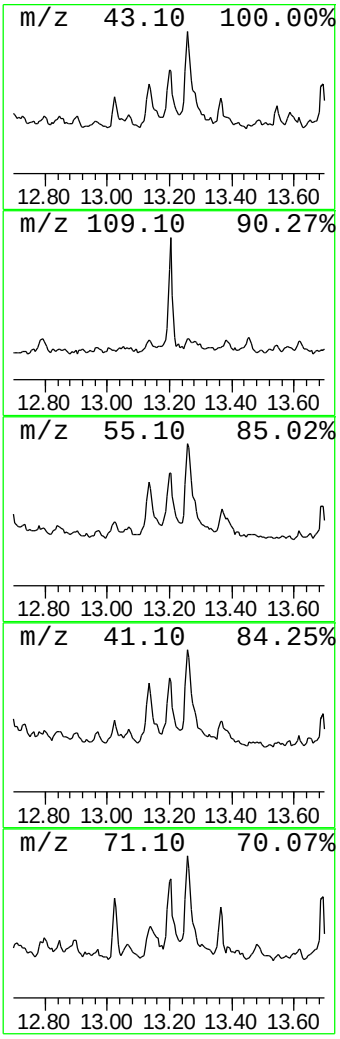
****

Peak Number 17 unknown13.20 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	19.53 ng	811625	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[4.1.0]heptane, 1,5-...	126	C8H14O	162239-52-3	38
2	3,5-Dimethyl-1-octylpyrazole	208	C13H24N2	001138-46-1	27
3	Cyclododecanone	182	C12H22O	000830-13-7	25
4	Benzaldehyde, 3-(4-fluorobenzylo...	260	C15H13FO3	351066-28-9	22
5	Glutaric acid, 4-fluorobenzyl pr...	282	C15H19FO4	1000377-47-1	22





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Data File : BF109678.D
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Operator : JU/SJ
Sample : J5293-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VW-CONCRETE-WALL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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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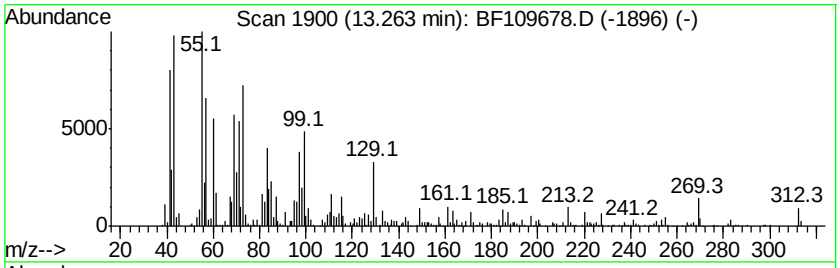
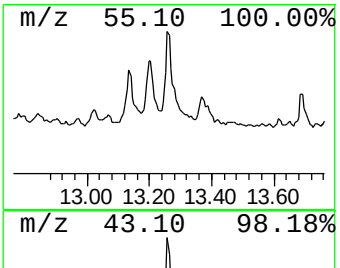
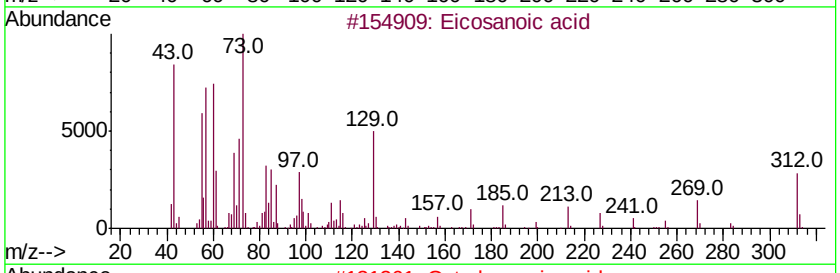
Peak Number 18 Eicosanoic acid Concentration Rank 9

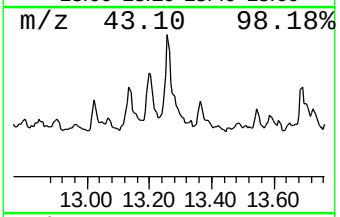
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	29.99 ng	1246000	Chrysene-d12	13.84

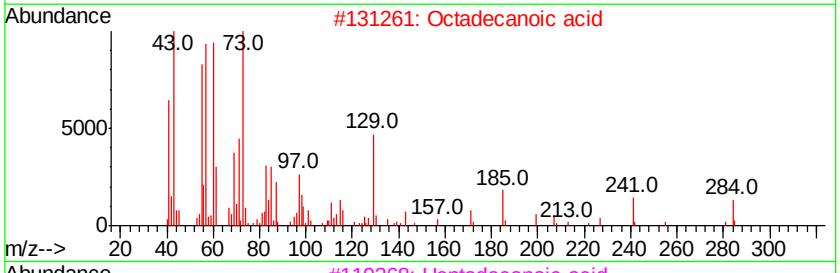
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid	312	C20H40O2	000506-30-9	95
2	Octadecanoic acid	284	C18H36O2	000057-11-4	92
3	Heptadecanoic acid	270	C17H34O2	000506-12-7	53
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	46
5	n-Decanoic acid	172	C10H20O2	000334-48-5	42

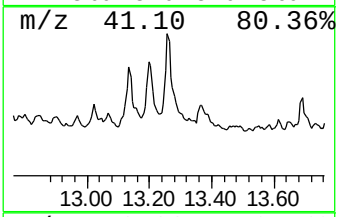


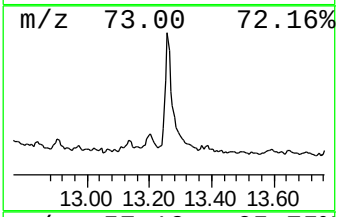


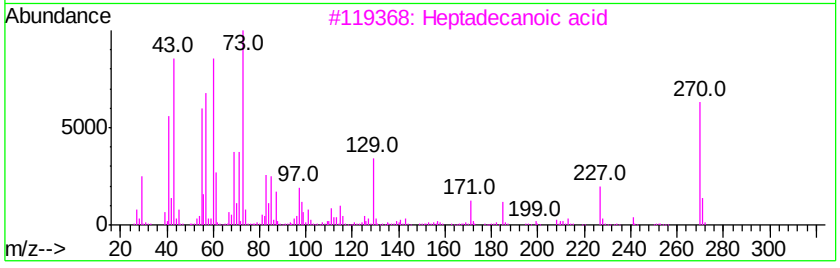


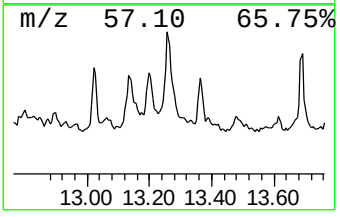












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Data File : BF109678.D
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Operator : JU/SJ
Sample : J5293-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VW-CONCRETE-WALL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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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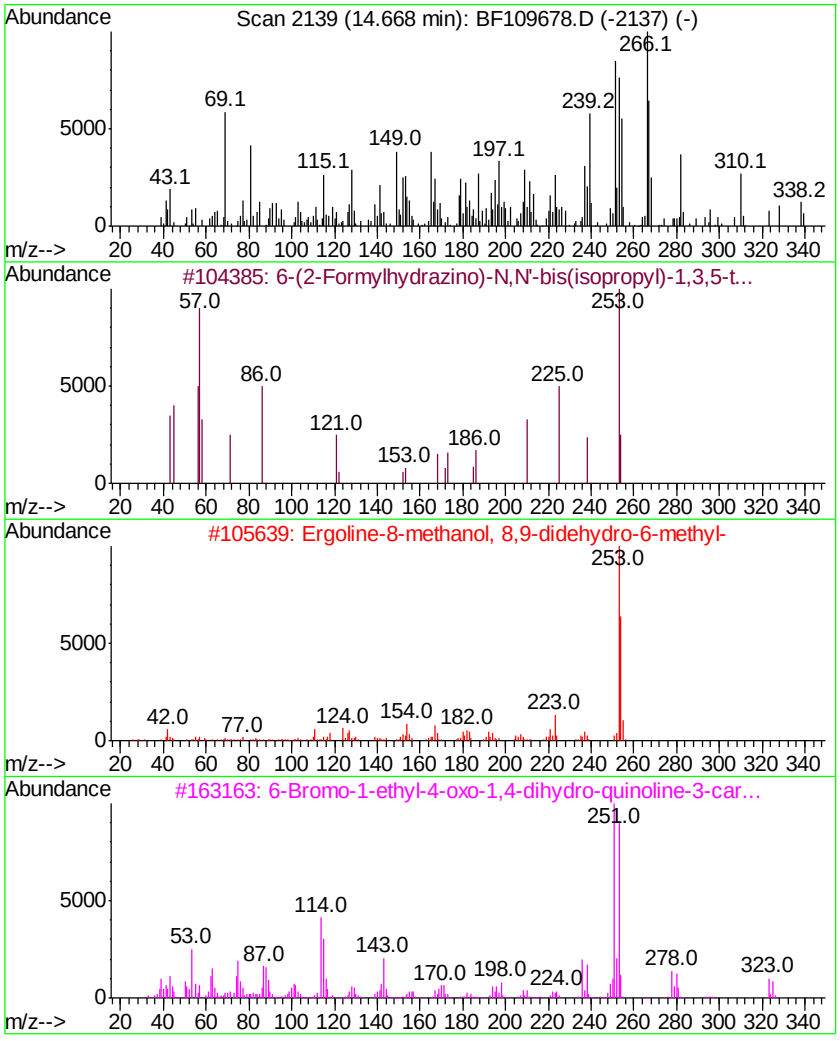
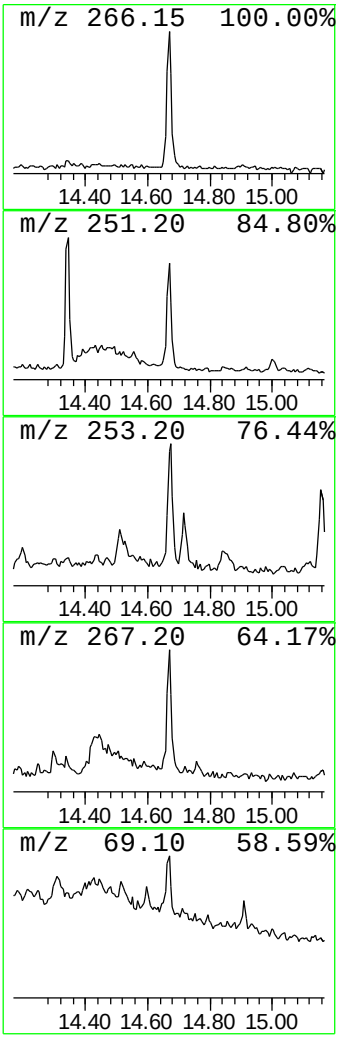
Peak Number 19 6-(2-Formylhydrazino)-N,N'-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	10.28 ng	265470	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-(2-Formylhydrazino)-N,N'-bis(i...	253	C10H19N7O	084305-82-8	53
2	Ergoline-8-methanol, 8,9-didehyd...	254	C16H18N2O	000548-43-6	45
3	6-Bromo-1-ethyl-4-oxo-1,4-dihydr...	323	C14H14BrNO3	1000296-70-6	30
4	Equilenin	266	C18H18O2	000517-09-9	25
5	Perylene, 1,2,3,3a,4,5,6,7,8,9,9...	266	C20H26	007594-86-7	25





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Instrument : BNA_F
ClientSampleId : VW-CONCRETE-WALL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

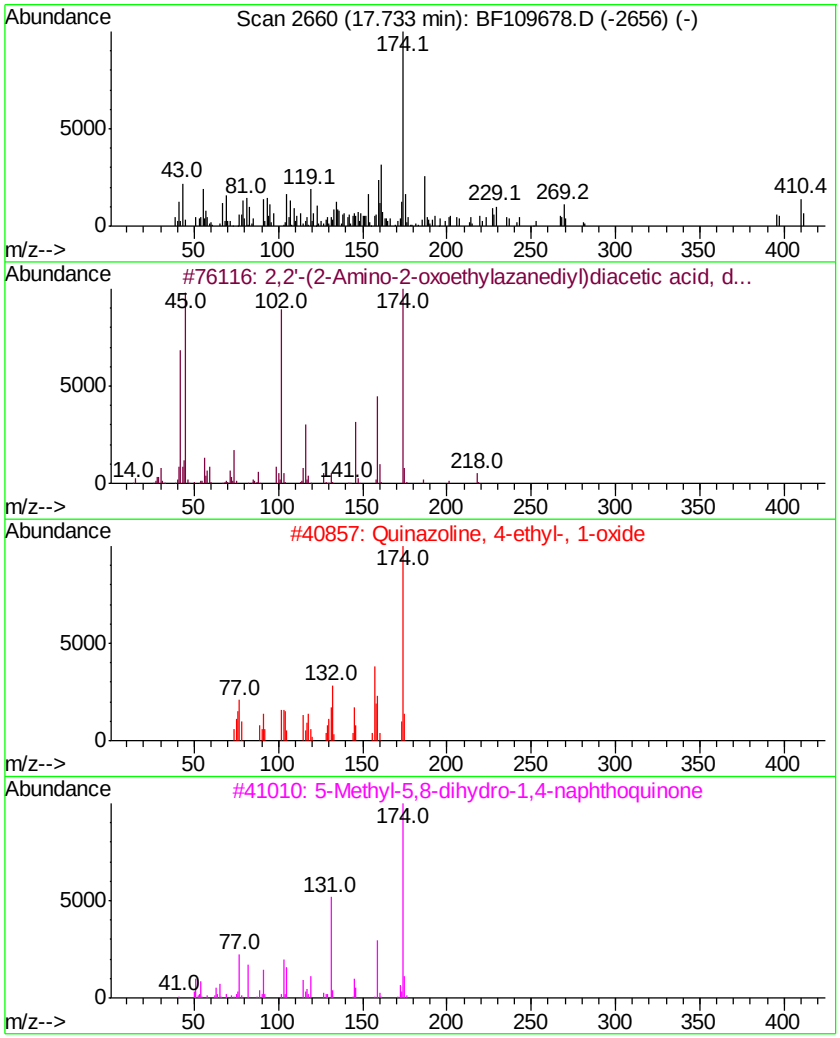
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

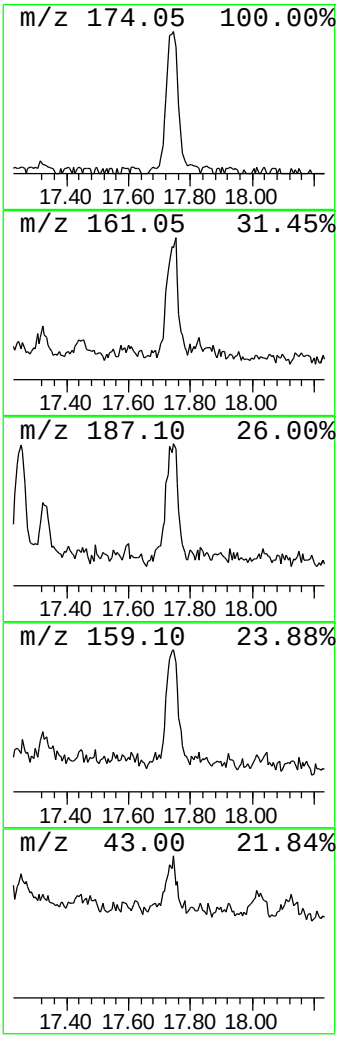
****

Peak Number 20 unknown17.73 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	8.73 ng	225436	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-(2-Amino-2-oxoethylazanediyl...	218	C8H14N2O5	1000378-70-6	46
2	Quinazoline, 4-ethyl-, 1-oxide	174	C10H10N2O	037920-75-5	43
3	5-Methyl-5,8-dihydro-1,4-naphtho...	174	C11H10O2	086759-40-2	43
4	Cyclohex-2-enone, 3-[2-(5-methox...	382	C23H30N2O3	1000302-15-3	37
5	Benzene, 1,3-diisocyanato-2-methyl-	174	C9H6N2O2	000091-08-7	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100818\
Data File : BF109678.D
Acq On : 9 Oct 2018 6:06
Operator : JU/SJ
Sample : J5293-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VW-CONCRETE-WALL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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
unknown6.47	6.47	85.0	ng	2638700	1	6.70	620889	20.0
Heptanoic acid	7.17	20.3	ng	629601	1	6.70	620889	20.0
Octanoic acid	7.86	72.8	ng	3242310	2	7.97	891396	20.0
Nonanoic acid	8.43	68.1	ng	3036640	2	7.97	891396	20.0
Phthalic anhydride	8.75	20.5	ng	912116	2	7.97	891396	20.0
n-Decanoic acid	8.94	13.7	ng	486091	3	9.72	710561	20.0
Tetradecane	10.63	8.7	ng	268747	4	11.20	615721	20.0
Tetradecanoic acid	10.91	33.9	ng	1041970	4	11.20	615721	20.0
Pentadecanoic acid	11.34	15.2	ng	468835	4	11.20	615721	20.0
n-Hexadecanoic acid	11.82	525.9	ng	16191500	4	11.20	615721	20.0
Heptadecanoic acid	12.16	18.4	ng	567665	4	11.20	615721	20.0
cis-Vaccenic acid	12.47	48.6	ng	1495100	4	11.20	615721	20.0
Octadecanoic acid	12.59	292.1	ng	12138100	5	13.84	830987	20.0
unknown12.69	12.69	26.8	ng	1111770	5	13.84	830987	20.0
1,3,2-Oxazaborola...	13.13	16.5	ng	683931	5	13.84	830987	20.0
unknown13.20	13.20	19.5	ng	811625	5	13.84	830987	20.0
Eicosanoic acid	13.26	30.0	ng	1246000	5	13.84	830987	20.0
6-(2-Formylhydraz...	14.67	10.3	ng	265470	6	15.23	516678	20.0
unknown17.73	17.73	8.7	ng	225436	6	15.23	516678	20.0