LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120194.D
Acq On : 24 Apr 2020 11:34
Operator : MA/SJ
Sample : L2360-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GREENWALL

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-BF040820.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	5.269	536	541	552	rBV	3011883	3013909	25.70%	5.102%
2	6.310	713	718	721	rBV	3150322	3281059	27.98%	5.554%
3	6.663	774	778	785	rBV	982289	864700	7.37%	1.464%
4	6.734	785	790	795	rBV	221113	200062	1.71%	0.339%
5	6.816	800	804	808	rVB	2928085	2743075	23.39%	4.644%
6	7.057	838	845	851	rBV2	113186	189335	1.61%	0.321%
7	7.234	868	875	877	rBV	2136484	2277896	19.42%	3.856%
8	7.351	891	895	905	rVB	93305	146063	1.25%	0.247%
9	7.734	951	960	972	rVB	345199	702804	5.99%	1.190%
10	7.945	991	996	998	rBV2	1446935	1327690	11.32%	2.248%
11	7.969	998	1000	1003	rVV	297095	221487	1.89%	0.375%
12	8.334	1054	1062	1067	rBV	504768	767682	6.55%	1.300%
13	8.722	1125	1128	1132	rBV	124888	157207	1.34%	0.266%
14	8.881	1152	1155	1163	rVB	161659	154121	1.31%	0.261%
15	9.028	1175	1180	1183	rBV	4750323	4092742	34.90%	6.929%
16	9.422	1242	1247	1252	rVB	659339	574221	4.90%	0.972%
17	9.698	1290	1294	1298	rVB	1437620	1231755	10.50%	2.085%
18	9.922	1328	1332	1337	rBV3	124357	179331	1.53%	0.304%
19	9.963	1337	1339	1344	rVB	126872	128594	1.10%	0.218%
20	10.122	1362	1366	1368	rBV2	110233	136234	1.16%	0.231%
21	10.363	1403	1407	1410	rBV	774596	658034	5.61%	1.114%
22	10.492	1423	1429	1432	rBV	2256092	2081167	17.75%	3.523%
23	10.610	1445	1449	1458	rVB2	195129	344622	2.94%	0.583%
24	10.869	1490	1493	1499	rBV	258474	270042	2.30%	0.457%
25	11.063	1523	1526	1528	rBV	144489	147589	1.26%	0.250%
26	11.180	1543	1546	1549	rBV	1327131	1158315	9.88%	1.961%
27	11.304	1565	1567	1571	rBV	143421	152715	1.30%	0.259%
28	11.469	1592	1595	1600	rBV2	209237	284996	2.43%	0.482%
29	11.651	1622	1626	1628	rBV3	93424	125166	1.07%	0.212%
30	11.769	1634	1646	1648	rBV2	6015310	11728099	100.00%	19.854%
31	11.839	1656	1658	1662	rVB2	140173	172691	1.47%	0.292%
32	11.892	1665	1667	1673	rVB2	140110	144820	1.23%	0.245%
33	12.127	1704	1707	1712	rBV	181960	217846	1.86%	0.369%
34	12.280	1731	1733	1738	rBV	195731	192678	1.64%	0.326%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120194.D
Acq On : 24 Apr 2020 11:34
Operator : MA/SJ
Sample : L2360-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GREENWALL

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-BF040820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.351	1743	1745	1748	rVV	493849	351575	3.00%	0.595%
36	12.439	1756	1760	1765	rBV3	808203	1181963	10.08%	2.001%
37	12.480	1765	1767	1770	rVV	360596	286272	2.44%	0.485%
38	12.527	1770	1775	1787	rVV	3966296	5443054	46.41%	9.215%
39	12.657	1794	1797	1800	rVB	254225	218443	1.86%	0.370%
40	12.774	1813	1817	1820	rVB	3745884	3277917	27.95%	5.549%
41	12.869	1831	1833	1837	rBV4	105876	128253	1.09%	0.217%
42	13.010	1854	1857	1860	rBV2	255831	231840	1.98%	0.392%
43	13.074	1865	1868	1872	rVB2	263954	261472	2.23%	0.443%
44	13.121	1872	1876	1881	rVB2	395225	449706	3.83%	0.761%
45	13.169	1881	1884	1890	rBV2	256316	397433	3.39%	0.673%
46	13.239	1891	1896	1901	rBV5	363920	698650	5.96%	1.183%
47	13.351	1911	1915	1922	rVB3	216031	362014	3.09%	0.613%
48	13.680	1965	1971	1976	rBV2	458132	682324	5.82%	1.155%
49	13.816	1990	1994	2001	rVB2	1138972	1176918	10.04%	1.992%
50	13.892	2005	2007	2016	rVB4	106295	182367	1.55%	0.309%
51	13.998	2022	2025	2028	rBV	134987	127896	1.09%	0.217%
52	14.068	2034	2037	2040	rVB	241554	215060	1.83%	0.364%
53	14.198	2056	2059	2062	rVB	291613	265861	2.27%	0.450%
54	14.304	2071	2077	2084	rBV2	241579	391871	3.34%	0.663%
55	14.363	2084	2087	2090	rBV	578738	555437	4.74%	0.940%
56	14.457	2100	2103	2106	rBV2	162432	249469	2.13%	0.422%
57	14.598	2123	2127	2130	rVB	196116	205174	1.75%	0.347%
58	14.910	2176	2180	2183	rVB	205014	238047	2.03%	0.403%
59	15.221	2228	2233	2236	rBV	585753	713162	6.08%	1.207%
60	15.657	2303	2307	2312	rVB2	139401	198865	1.70%	0.337%
61	15.892	2342	2347	2351	rVB	374090	510593	4.35%	0.864%

Sum of corrected areas: 59070383

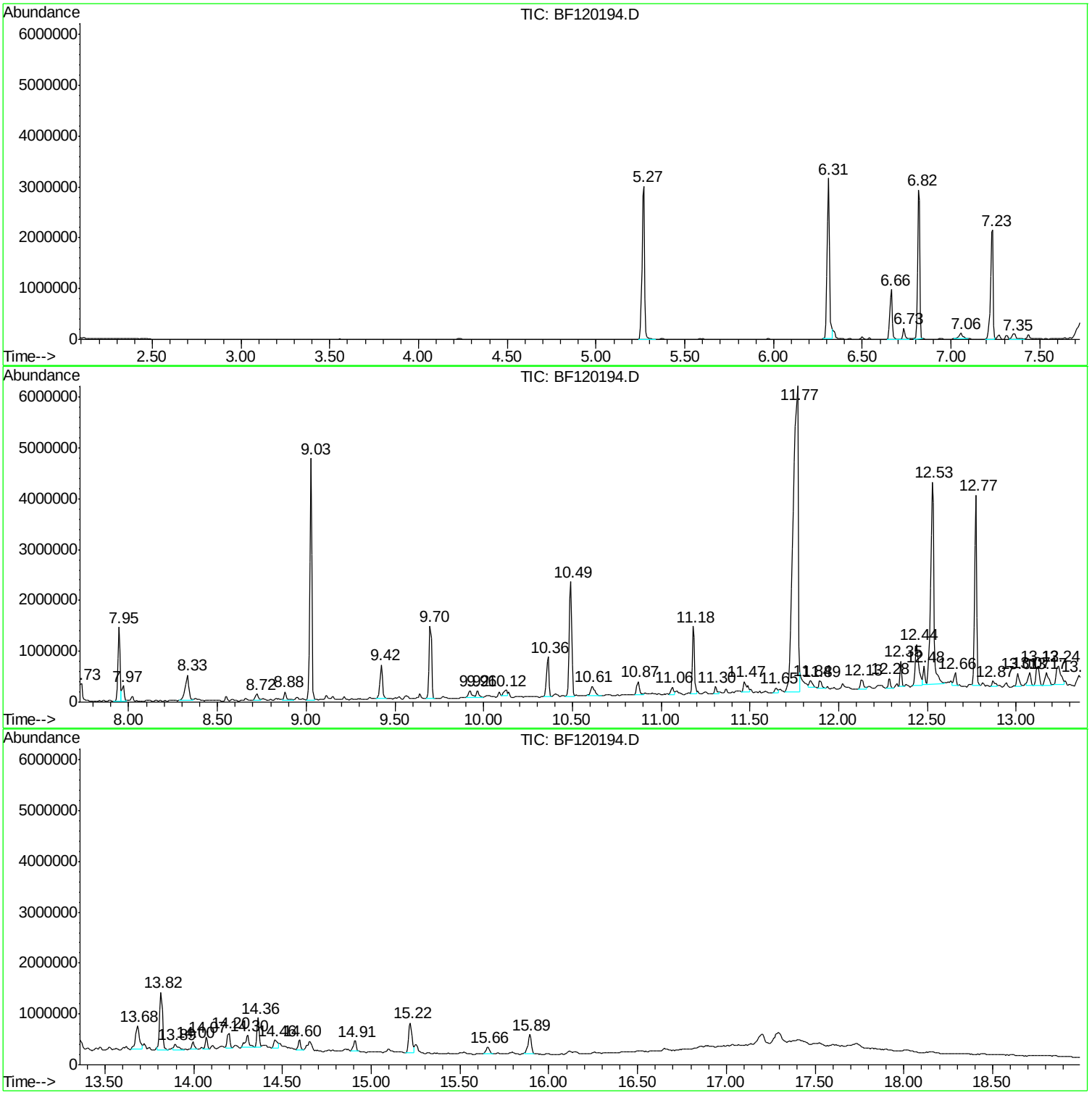
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120194.D
Acq On : 24 Apr 2020 11:34
Operator : MA/SJ
Sample : L2360-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GREENWALL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120194.D
Acq On : 24 Apr 2020 11:34
Operator : MA/SJ
Sample : L2360-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GREENWALL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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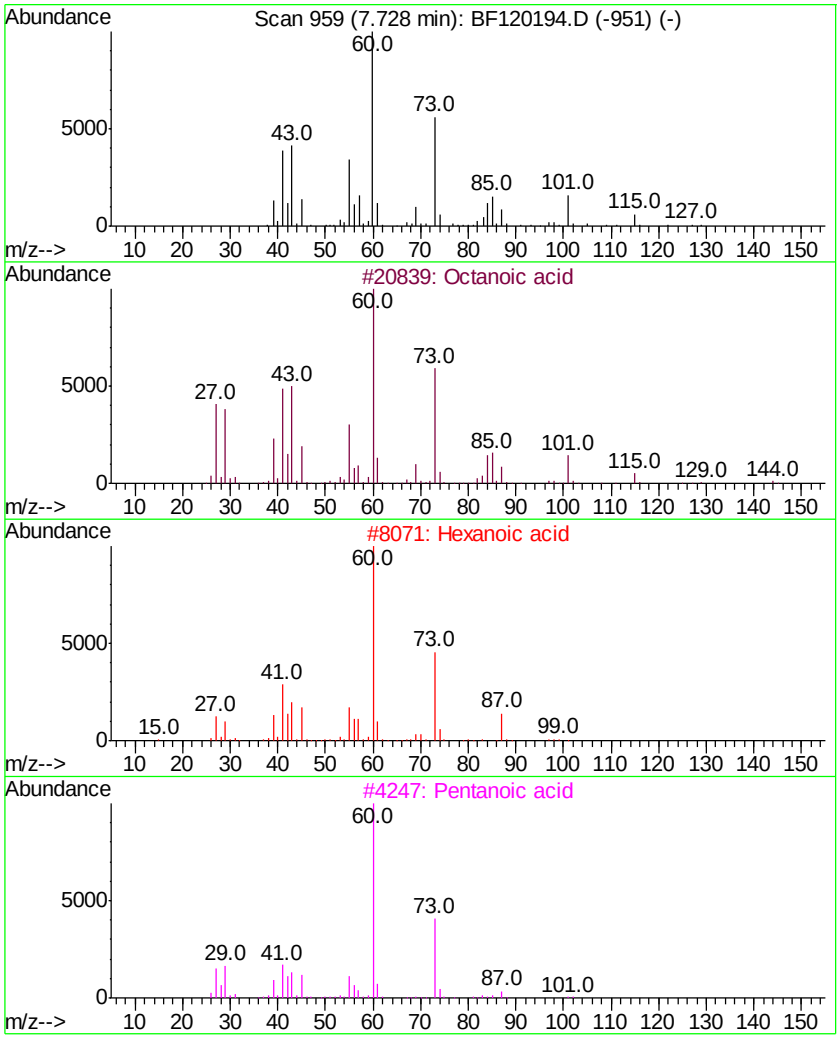
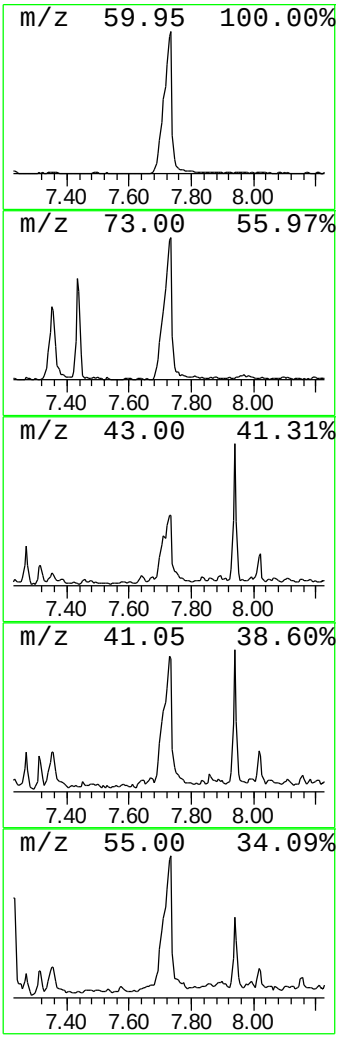
Peak Number 2 Octanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	10.59 ng	702804	Naphthalene-d8	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid	144	C8H16O2	000124-07-2	86
2	Hexanoic acid	116	C6H12O2	000142-62-1	64
3	Pentanoic acid	102	C5H10O2	000109-52-4	53
4	Heptanoic acid	130	C7H14O2	000111-14-8	50
5	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120194.D
Acq On : 24 Apr 2020 11:34
Operator : MA/SJ
Sample : L2360-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GREENWALL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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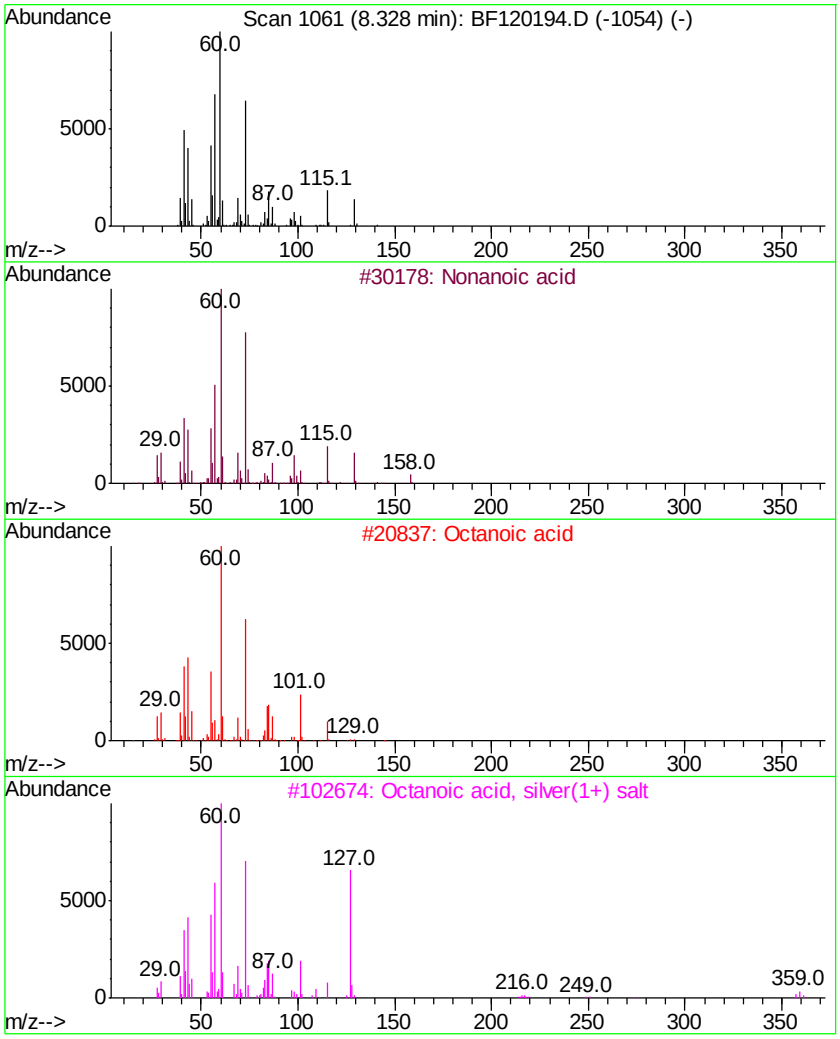
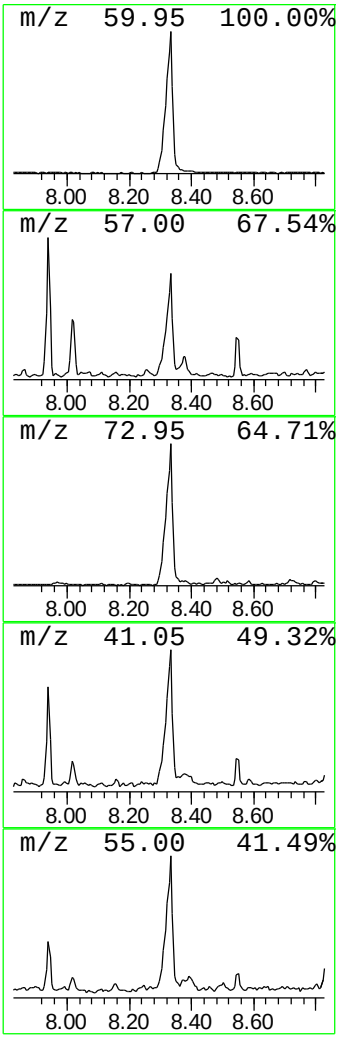
Peak Number 3 Nonanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	11.56 ng	767682	Naphthalene-d8	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid	158	C9H18O2	000112-05-0	72
2	Octanoic acid	144	C8H16O2	000124-07-2	59
3	Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	53
4	Hexanoic acid	116	C6H12O2	000142-62-1	52
5	Pentanoic acid	102	C5H10O2	000109-52-4	50





Library Search Compound Report

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Data File : BF120194.D
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Operator : MA/SJ
Sample : L2360-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GREENWALL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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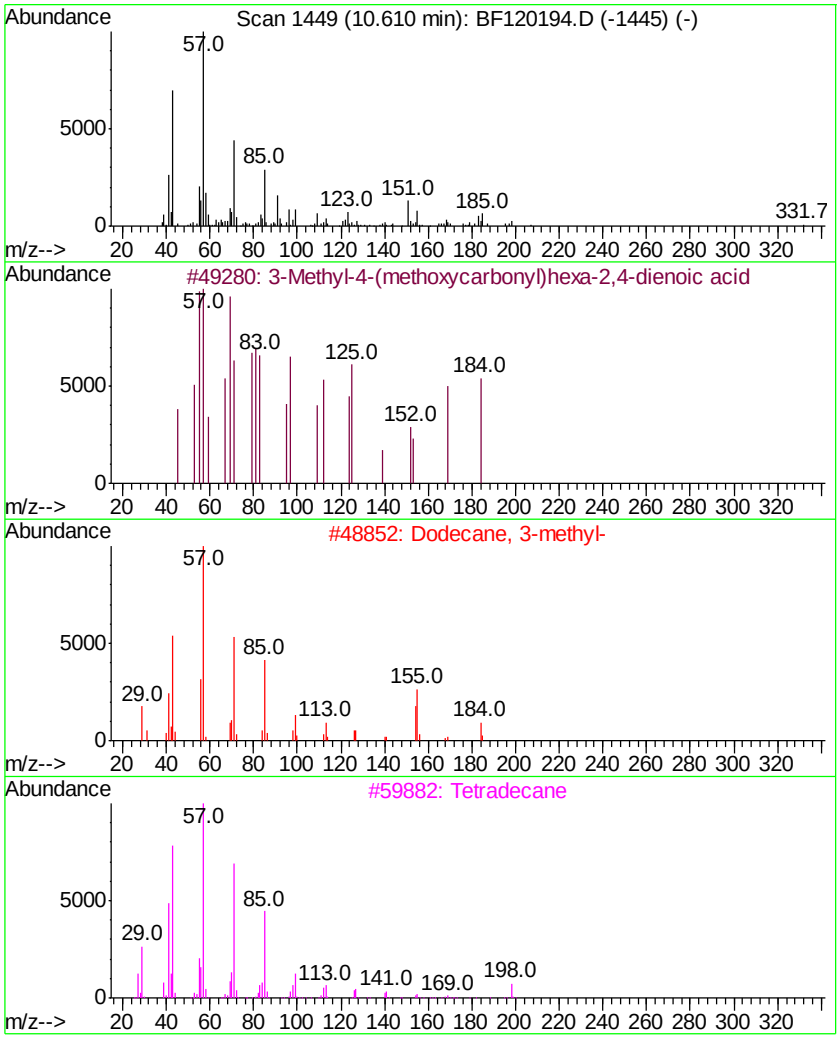
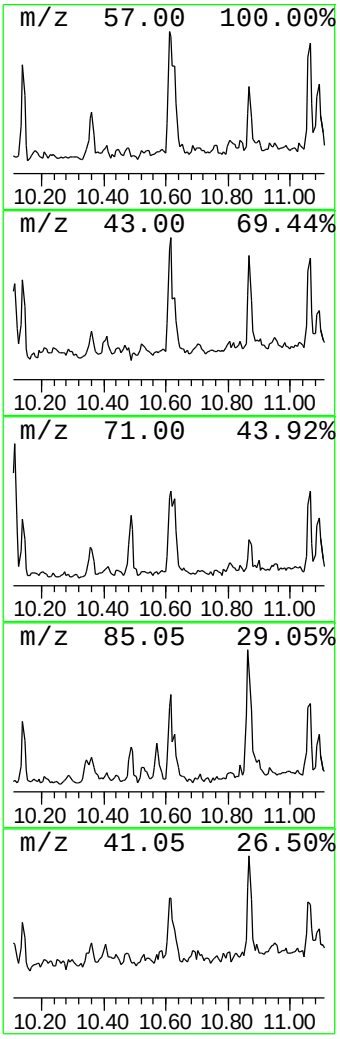
Peak Number 4 3-Methyl-4-(methoxycarbonyl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	5.95 ng	344622	Phenanthrene-d10	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	87
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	68
3	Tetradecane	198	C14H30	000629-59-4	64
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64
5	Tridecane	184	C13H28	000629-50-5	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120194.D
Acq On : 24 Apr 2020 11:34
Operator : MA/SJ
Sample : L2360-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GREENWALL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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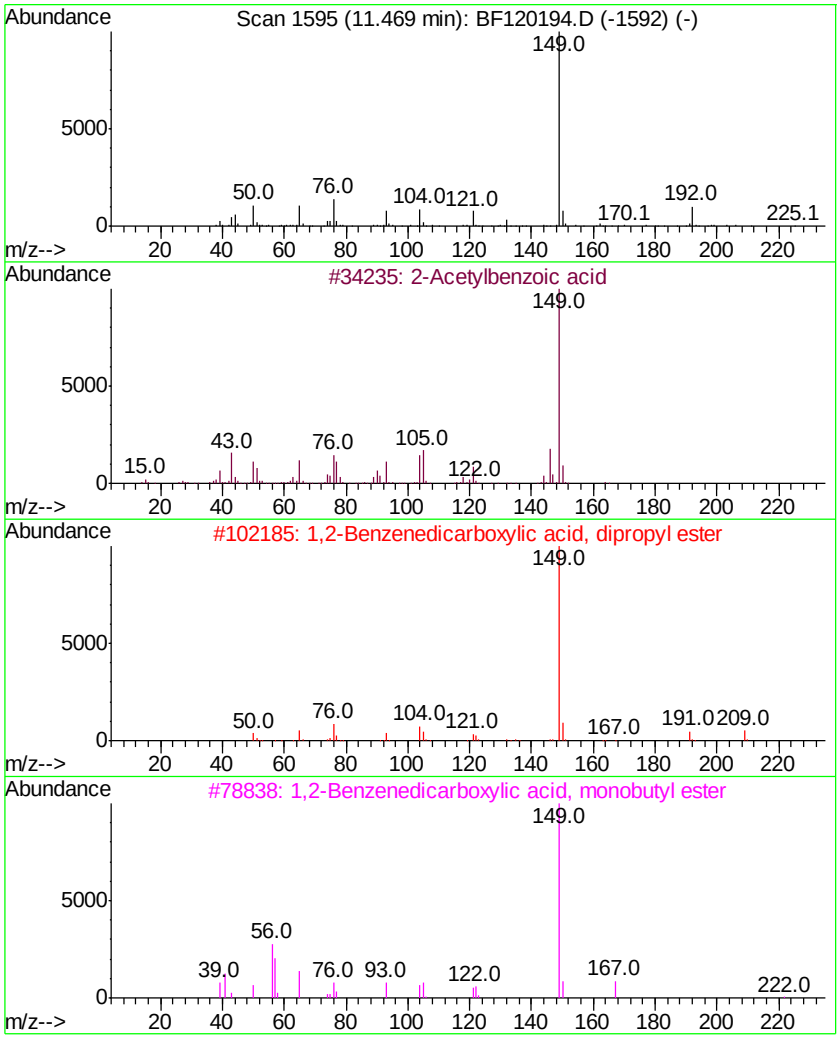
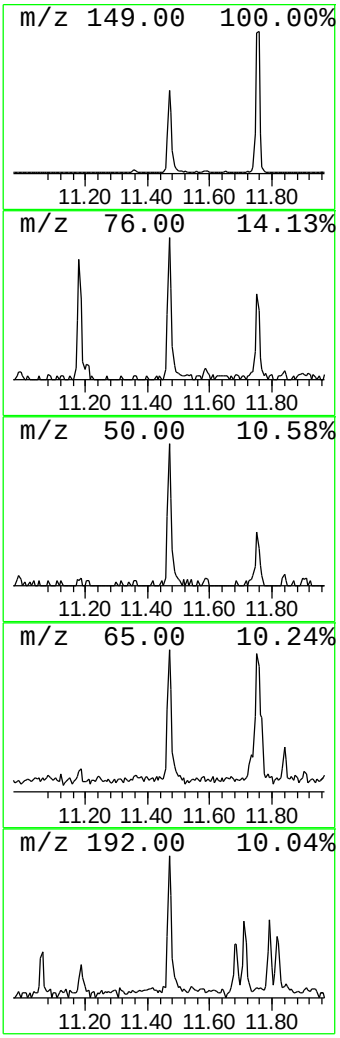
Peak Number 5 2-Acetylbenzoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	4.92 ng	284996	Phenanthrene-d10	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Acetylbenzoic acid	164	C9H8O3	000577-56-0	78
2	1,2-Benzenedicarboxylic acid, di...	250	C14H18O4	000131-16-8	78
3	1,2-Benzenedicarboxylic acid, mo...	222	C12H14O4	000131-70-4	59
4	2-(Pentyloxycarbonyl)benzoic acid	236	C13H16O4	1000373-49-7	59
5	Dibut-3-enyl phthalate	274	C16H18O4	1000373-49-6	59





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Sample : L2360-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GREENWALL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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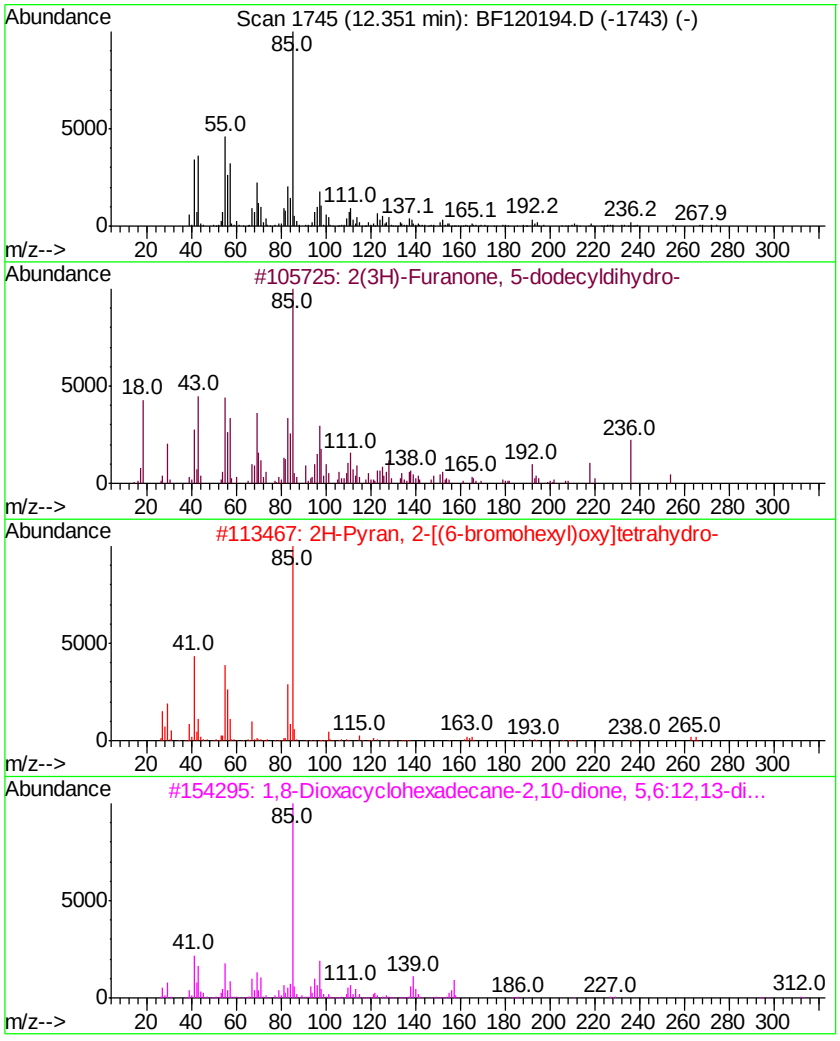
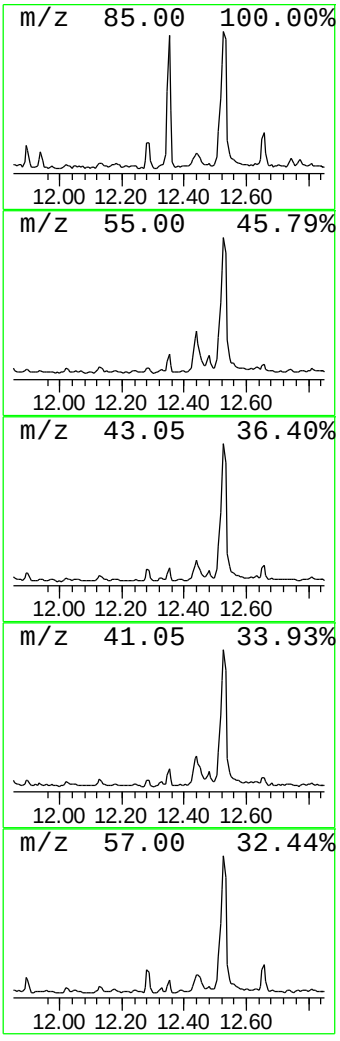
Peak Number 6 2(3H)-Furanone, 5-dodecyldi... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	6.07 ng	351575	Phenanthrene-d10	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, 5-dodecyldihydro-	254	C16H30O2	000730-46-1	59
2	2H-Pyran, 2-[(6-bromohexyl)oxy]t...	264	C11H21BrO2	053963-10-3	53
3	1,8-Dioxacyclohexadecane-2,10-di...	312	C16H24O6	1000195-90-7	50
4	1-Bromo-7-(tetrahydro-2-pyranylo...	278	C12H23BrO2	010160-25-5	50
5	10-Methylundecan-4-olide	198	C12H22O2	1000370-40-5	50





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Instrument : BNA_F
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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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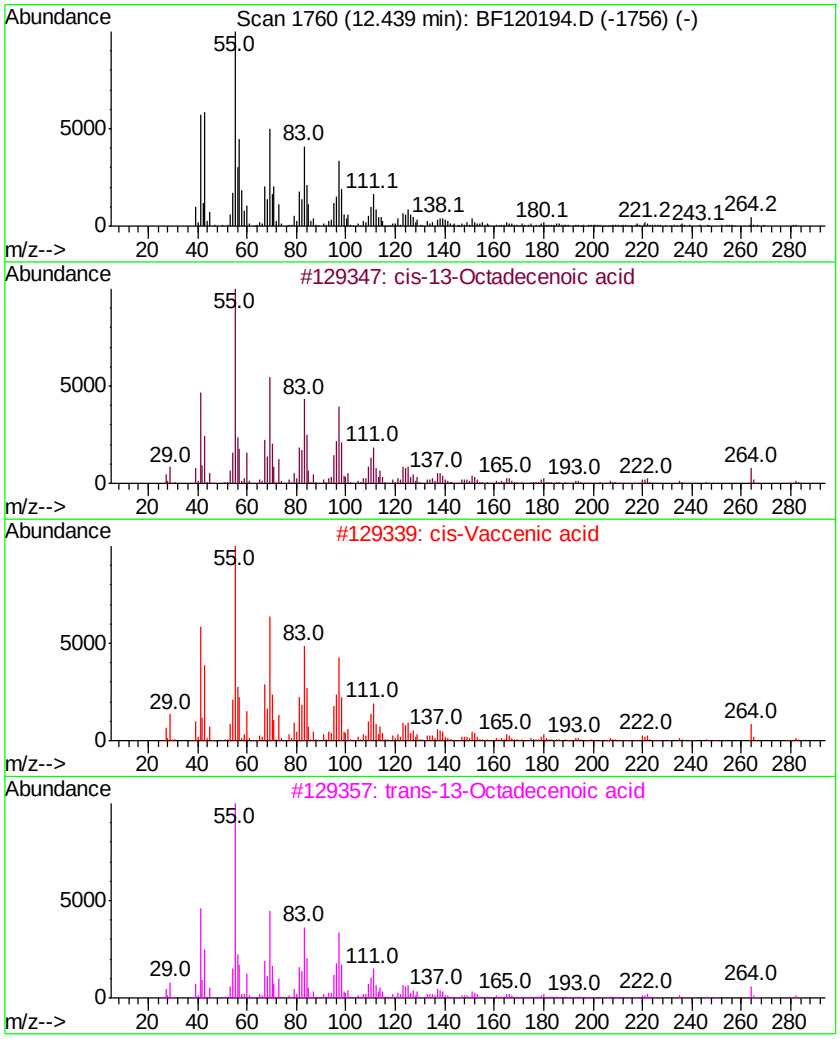
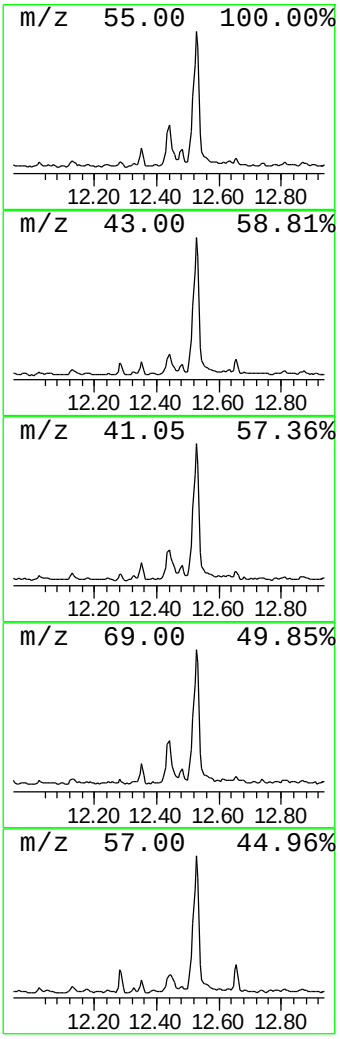
Peak Number 7 cis-13-Octadecenoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	20.41 ng	1181960	Phenanthrene-d10	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	97
2	cis-Vaccenic acid	282	C18H34O2	000506-17-2	97
3	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	96
4	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	93
5	Oxacycloheptadecan-2-one	254	C16H30O2	000109-29-5	90





Library Search Compound Report

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Data File : BF120194.D
Acq On : 24 Apr 2020 11:34
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Misc :
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Instrument : BNA_F
ClientSampleId : GREENWALL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

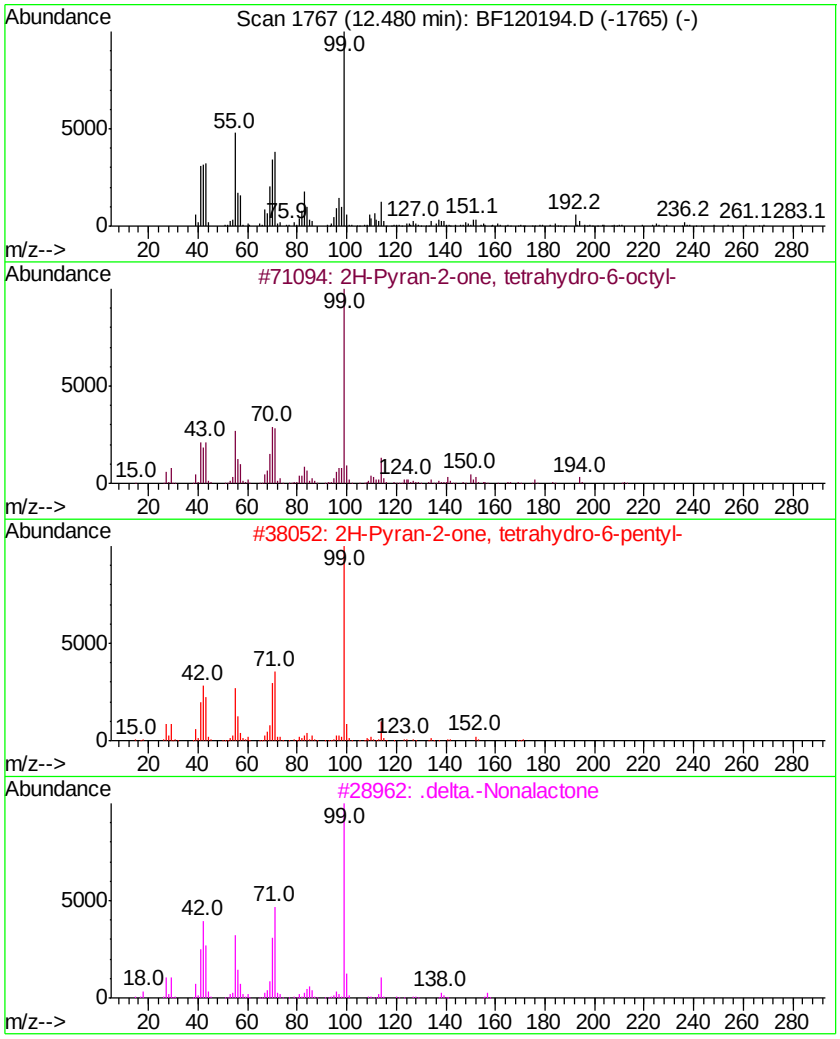
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

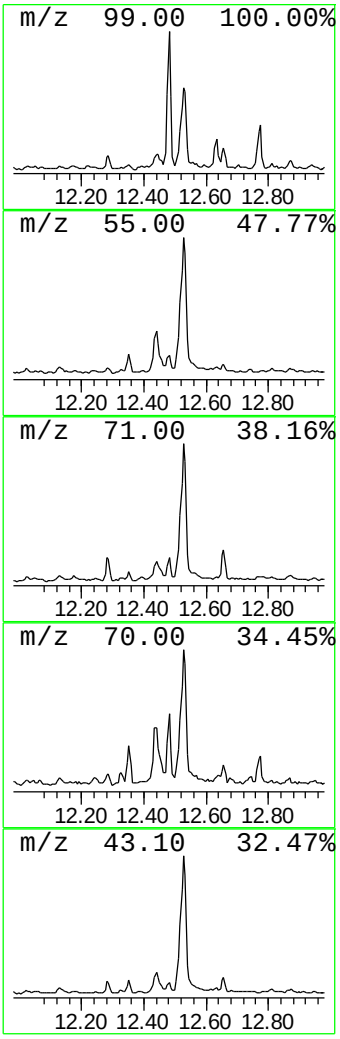
****

Peak Number 8 2H-Pyran-2-one, tetrahydro-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	4.94 ng	286272	Phenanthrene-d10	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran-2-one, tetrahydro-6-octyl-	212	C13H24O2	007370-92-5	78
2	2H-Pyran-2-one, tetrahydro-6-pen...	170	C10H18O2	000705-86-2	74
3	.delta.-Nonalactone	156	C9H16O2	003301-94-8	72
4	Decanoic acid (4-methyl-piperazi...	269	C15H31N3O	147643-22-9	59
5	2(3H)-Furanone, 5-hexyldihydro-4...	184	C11H20O2	121644-12-0	59





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Data File : BF120194.D
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Misc :
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Instrument : BNA_F
ClientSampleId : GREENWALL

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

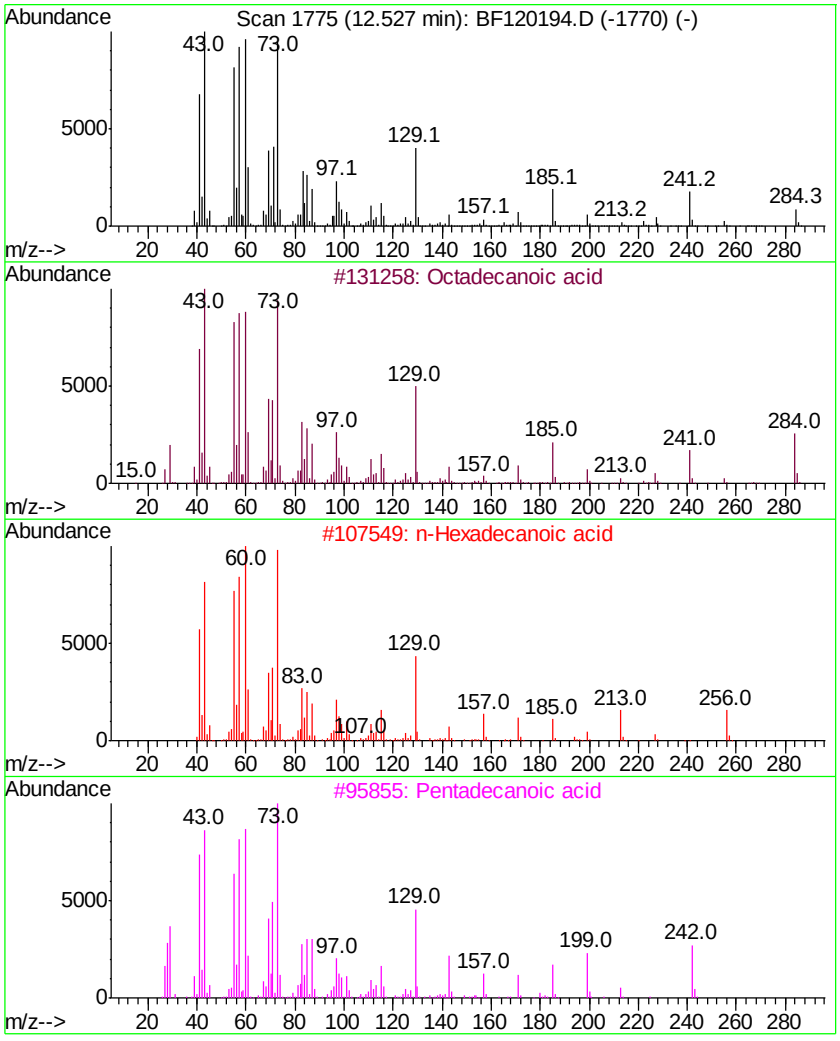
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

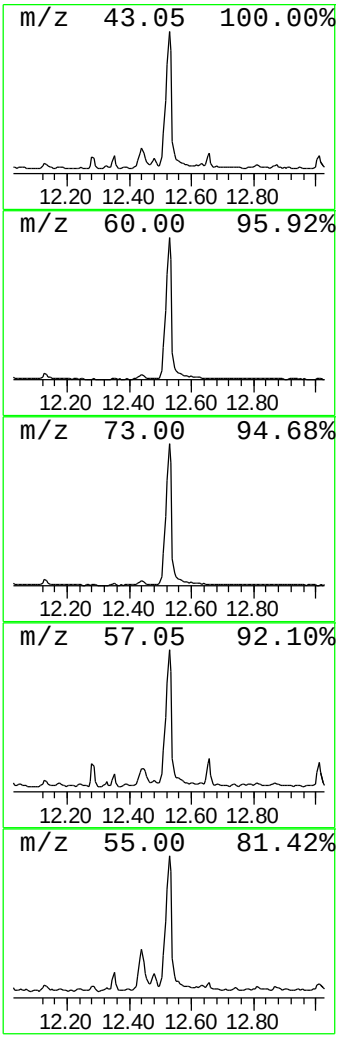
****

Peak Number 9 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	92.50 ng	5443050	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	Undecanoic acid	186	C11H22O2	000112-37-8	68





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Acq On : 24 Apr 2020 11:34
Operator : MA/SJ
Sample : L2360-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GREENWALL

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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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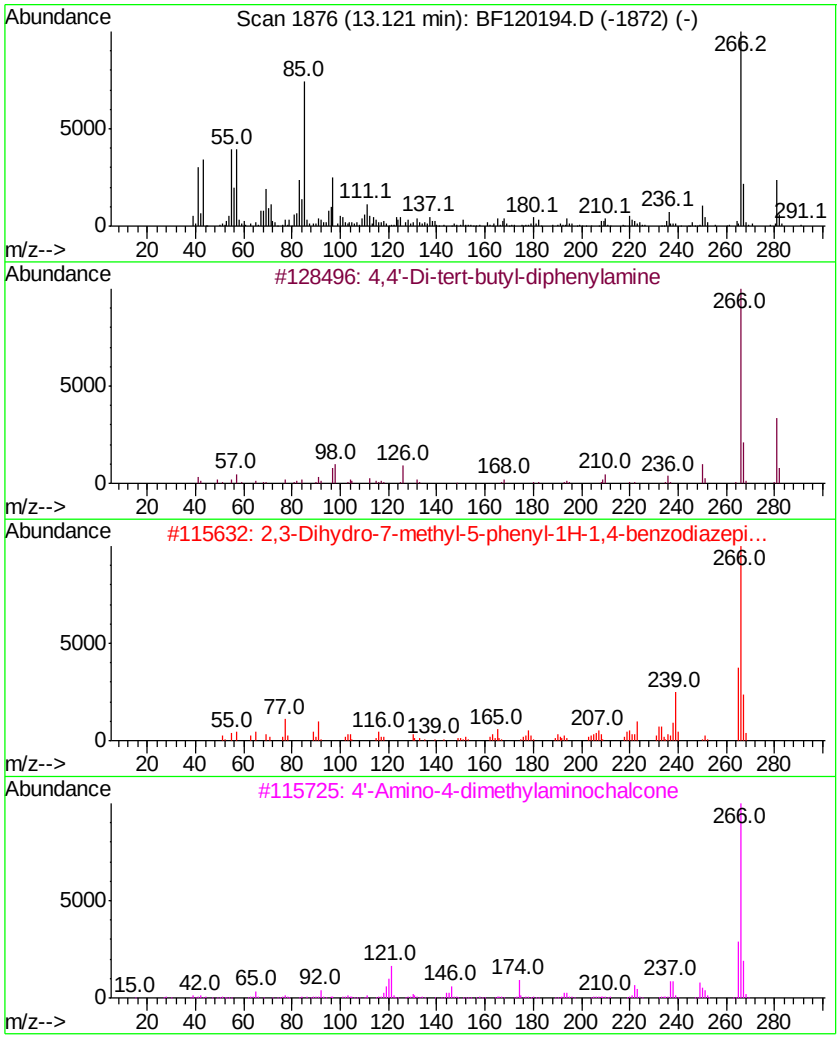
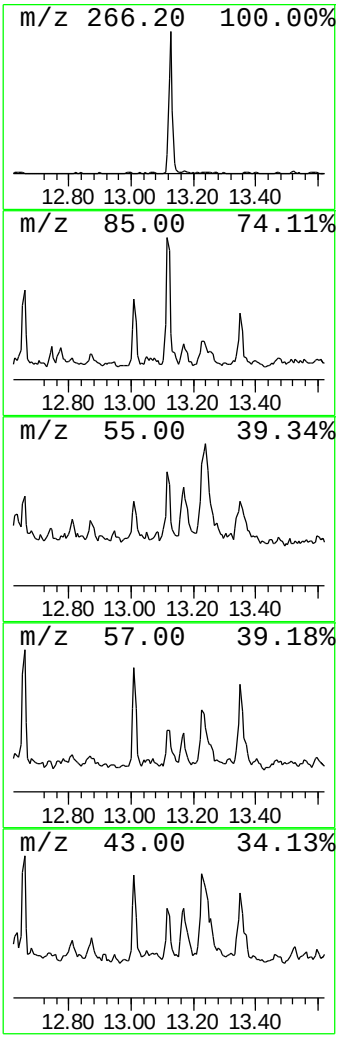
Peak Number 10 unknown13.12 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	7.64 ng	449706	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Di-tert-butyl-diphenylamine	281	C20H27N	1000370-31-1	49
2	2,3-Dihydro-7-methyl-5-phenyl-1H...	266	C16H14N2S	002888-60-0	35
3	4'-Amino-4-dimethylaminochalcone	266	C17H18N2O	025870-72-8	30
4	9,10-Anthracenedione, 1,4-bis(am...	266	C16H14N2O2	077862-13-6	27
5	Benzoic acid, 2-[(trimethylsilyl...	281	C13H23NO2Si2	018406-07-0	27





Library Search Compound Report

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Data File : BF120194.D
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Sample : L2360-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GREENWALL

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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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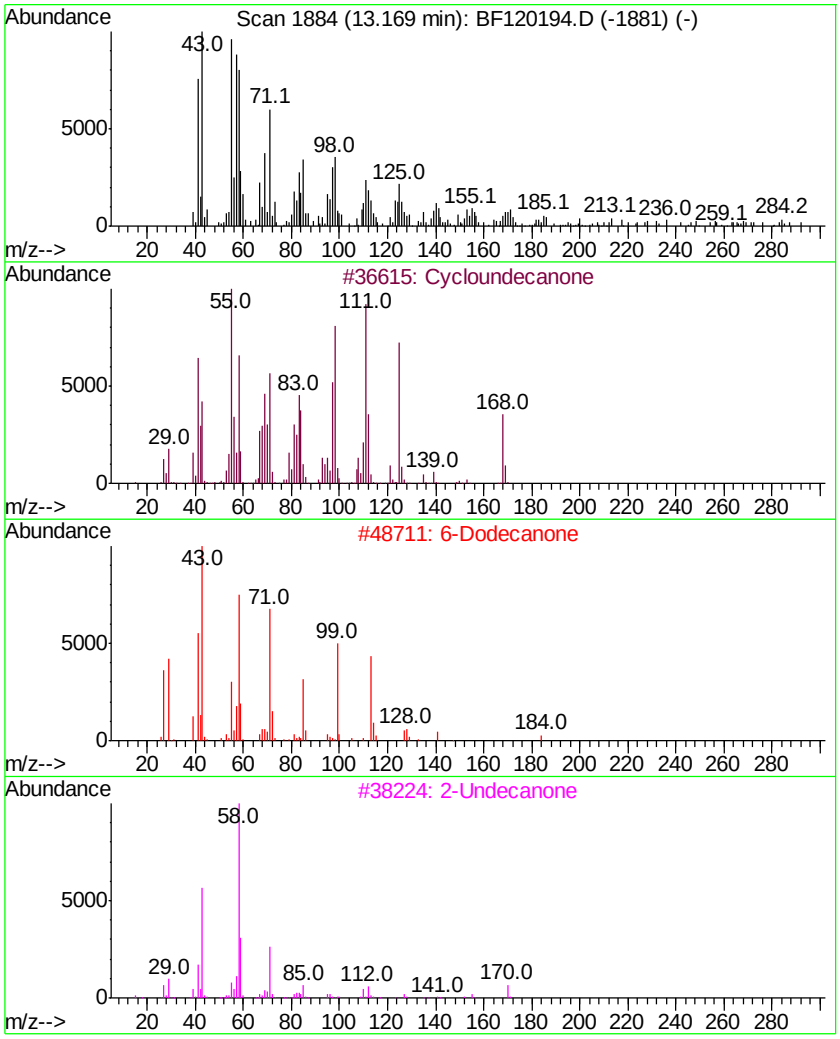
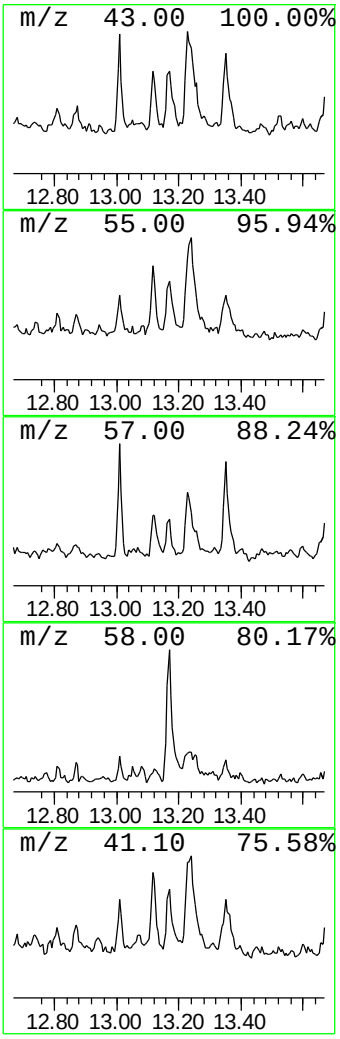
Peak Number 11 Cycloundecanone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	6.75 ng	397433	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloundecanone	168	C11H20O	000878-13-7	58
2	6-Dodecanone	184	C12H24O	006064-27-3	49
3	2-Undecanone	170	C11H22O	000112-12-9	49
4	2-Piperidinone, N-[4-bromo-n-but...	233	C9H16BrNO	195194-80-0	38
5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	30





Library Search Compound Report

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Sample : L2360-01
Misc :
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Instrument : BNA_F
ClientSampleId : GREENWALL

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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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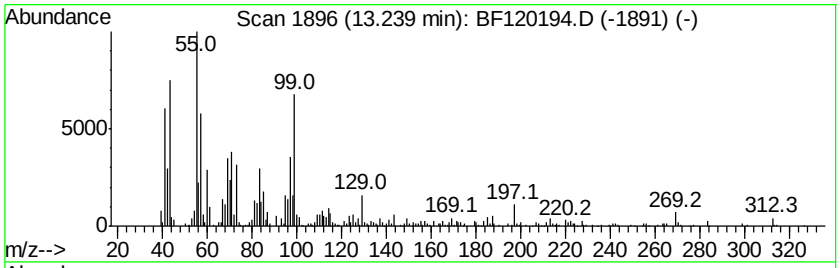
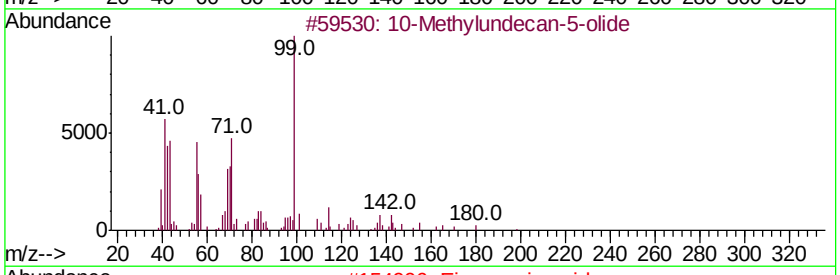
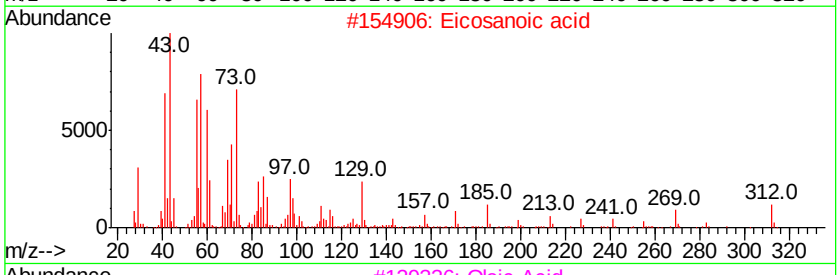
Peak Number 12 unknown13.24 Concentration Rank 5

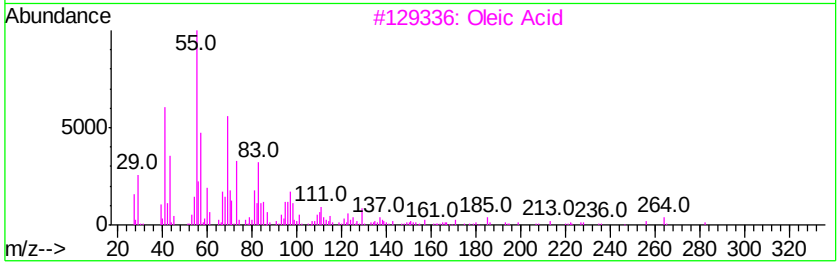
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	11.87 ng	698650	Chrysene-d12	13.82

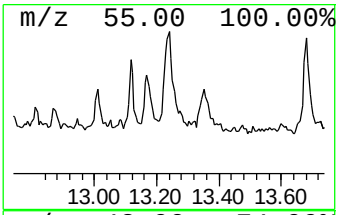
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylundecan-5-olide	198	C12H22O2	1000370-40-7	47
2	Eicosanoic acid	312	C20H40O2	000506-30-9	42
3	Oleic Acid	282	C18H34O2	000112-80-1	30
4	d-Galactono-1,4-lactone, 5,6-O-(...	216	C8H13BO6	1000149-31-5	30
5	Heptadecanoic acid	270	C17H34O2	000506-12-7	25

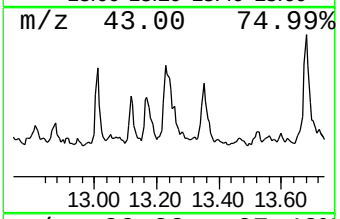


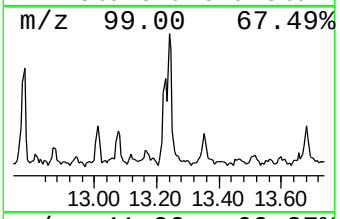


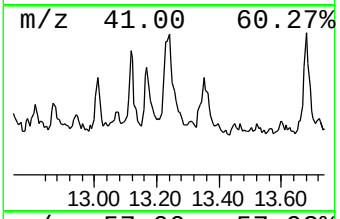


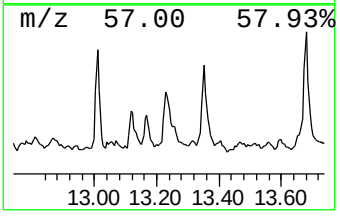












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Acq On : 24 Apr 2020 11:34
Operator : MA/SJ
Sample : L2360-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GREENWALL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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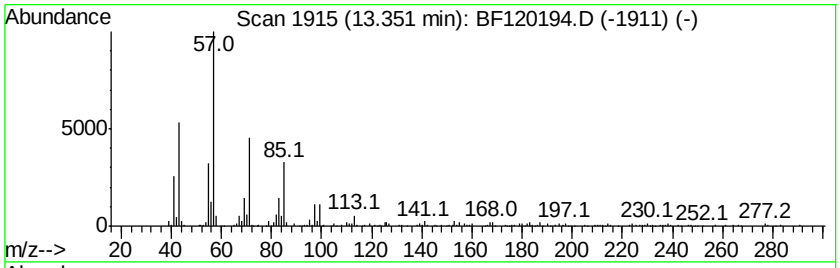
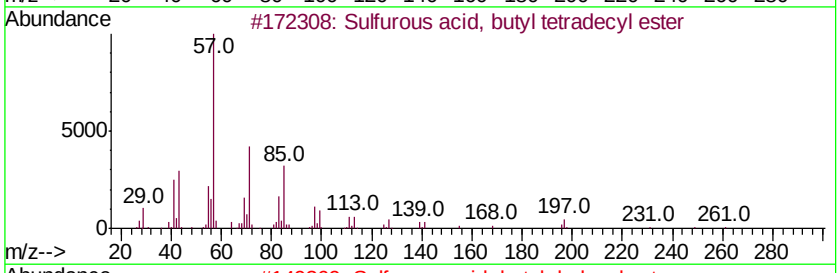
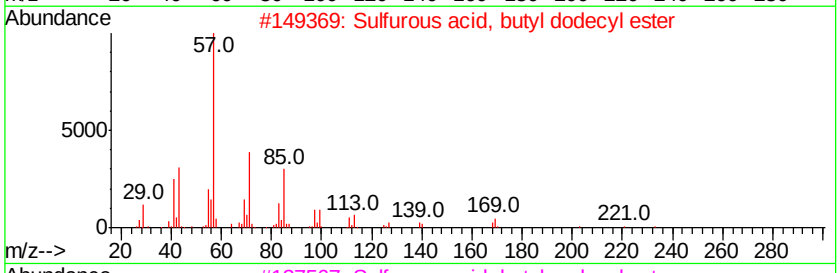
Peak Number 13 Sulfurous acid, butyl tetra... Concentration Rank 14

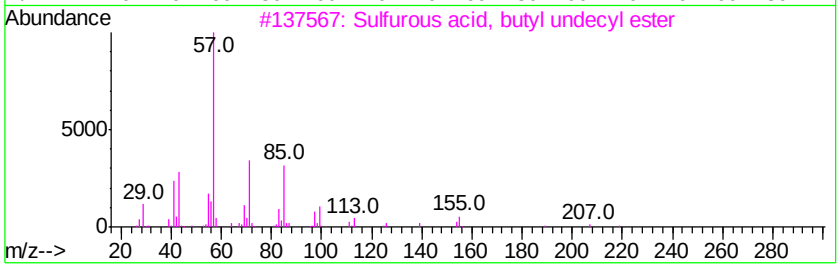
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	6.15 ng	362014	Chrysene-d12	13.82

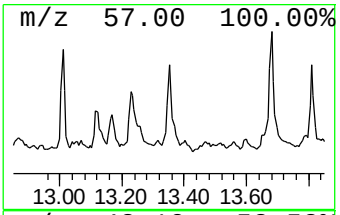
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	83
2	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	80
3	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	80
4	Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	80
5	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	72

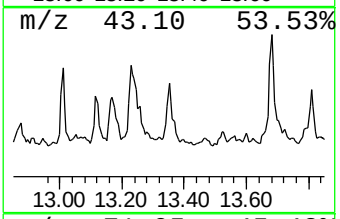


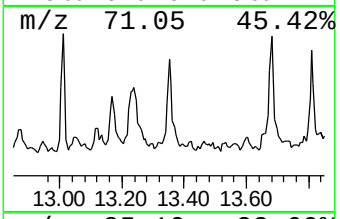


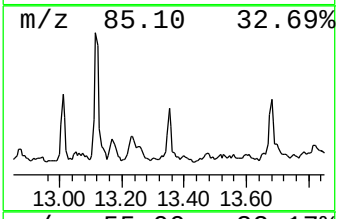


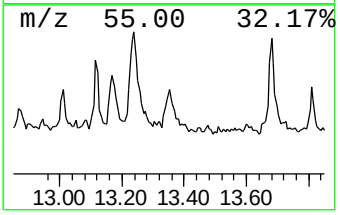












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Acq On : 24 Apr 2020 11:34
Operator : MA/SJ
Sample : L2360-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GREENWALL

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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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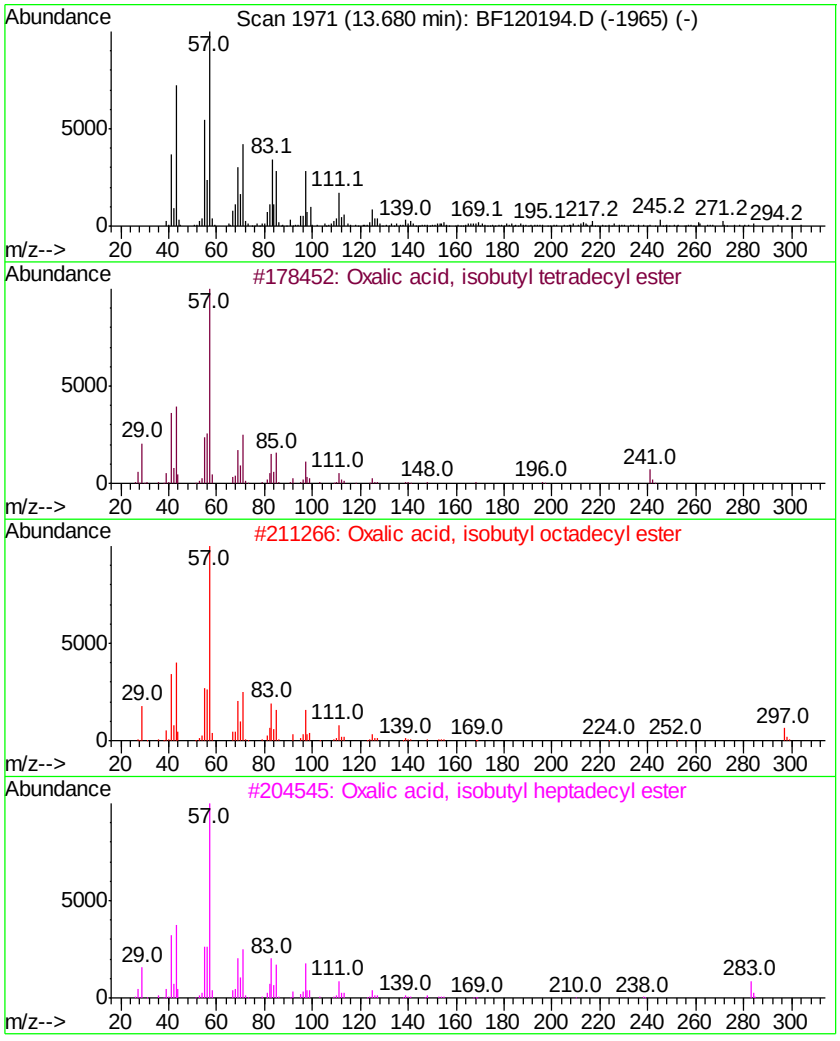
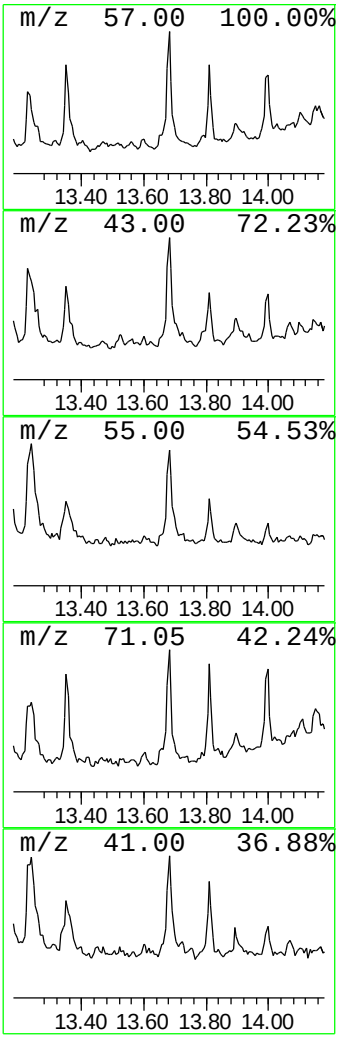
Peak Number 14 Oxalic acid, isobutyl tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	11.60 ng	682324	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	91
2	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	91
3	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	91
4	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	74
5	1-Iodoundecane	282	C11H23I	004282-44-4	70





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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GREENWALL

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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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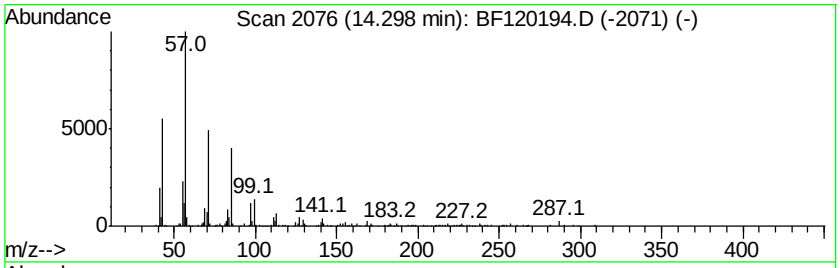
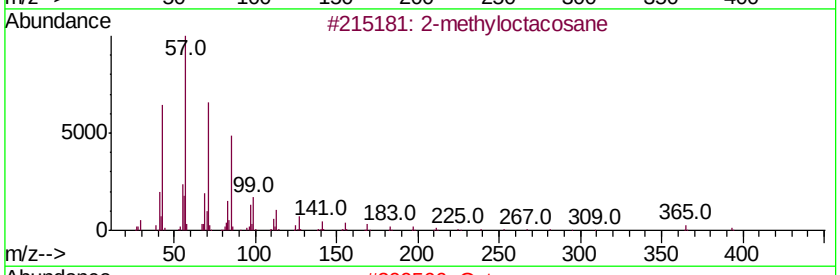
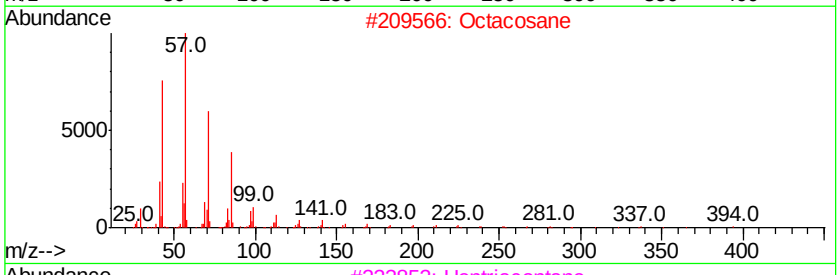
Peak Number 15 2-methyloctacosane Concentration Rank 13

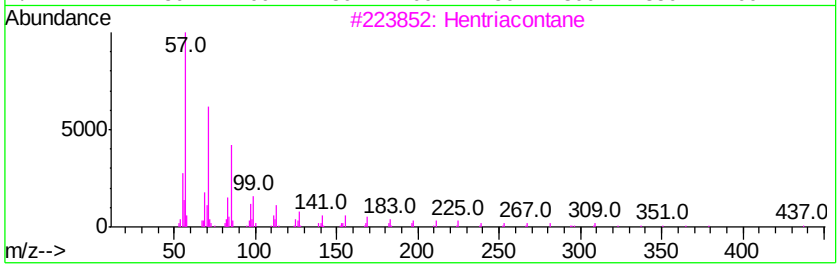
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	6.66 ng	391871	Chrysene-d12	13.82

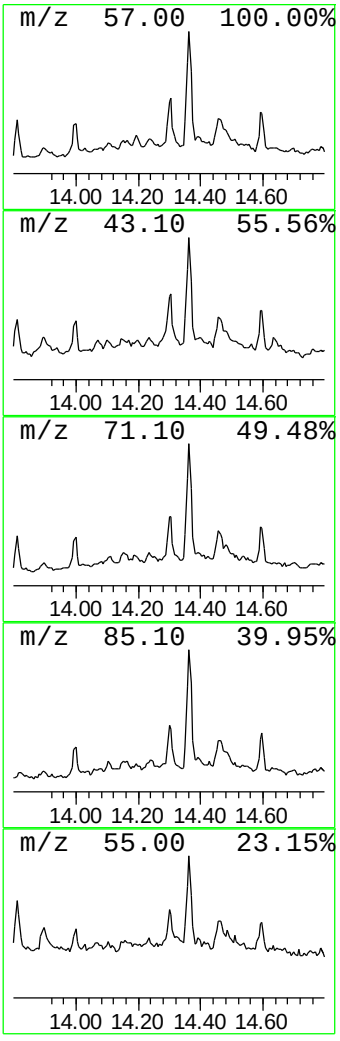
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	87
2	Octacosane	394	C28H58	000630-02-4	87
3	Hentriacontane	437	C31H64	000630-04-6	86
4	Eicosane, 2-methyl-	296	C21H44	001560-84-5	83
5	Docosane, 11-decyl-	451	C32H66	055401-55-3	80











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Sample : L2360-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GREENWALL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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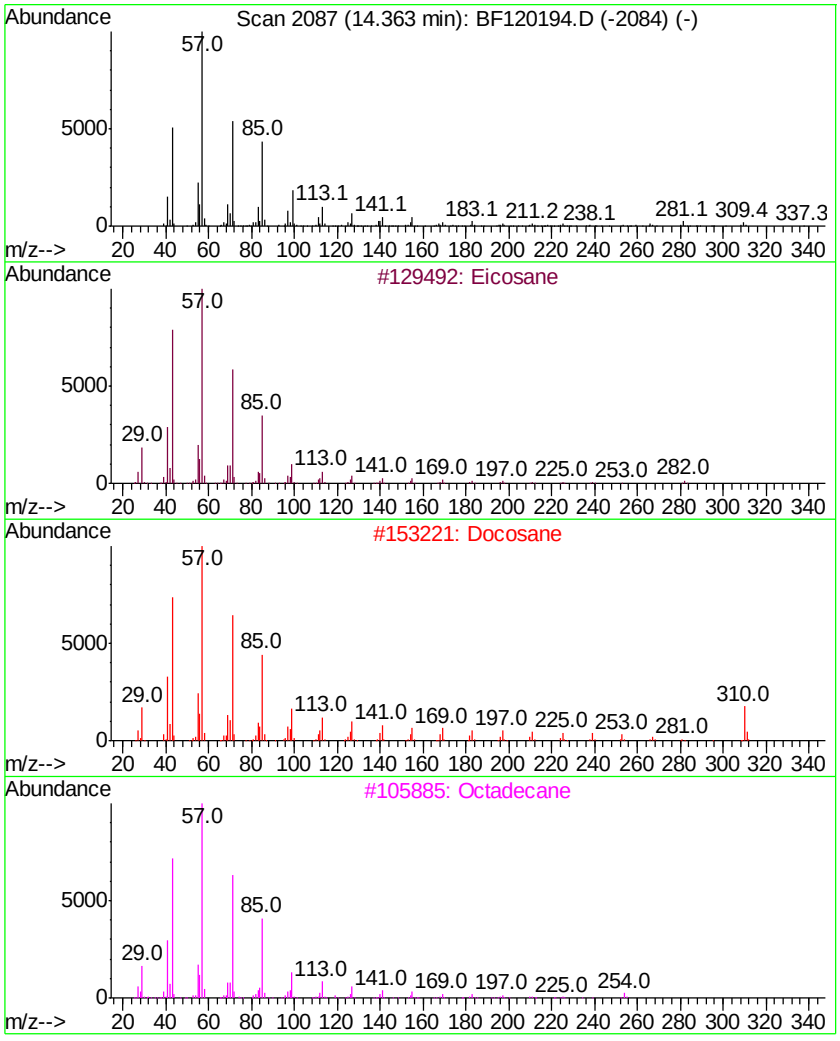
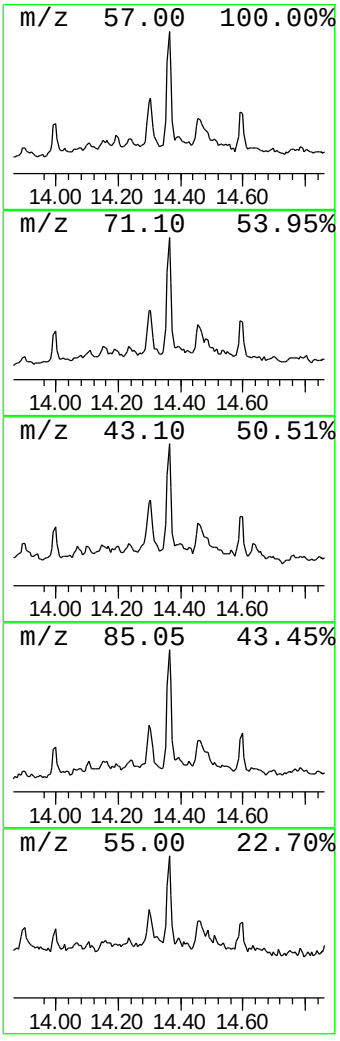
Peak Number 16 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	9.44 ng	555437	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Docosane	310	C22H46	000629-97-0	91
3	Octadecane	254	C18H38	000593-45-3	90
4	Heptadecane	240	C17H36	000629-78-7	86
5	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	80





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Operator : MA/SJ
Sample : L2360-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GREENWALL

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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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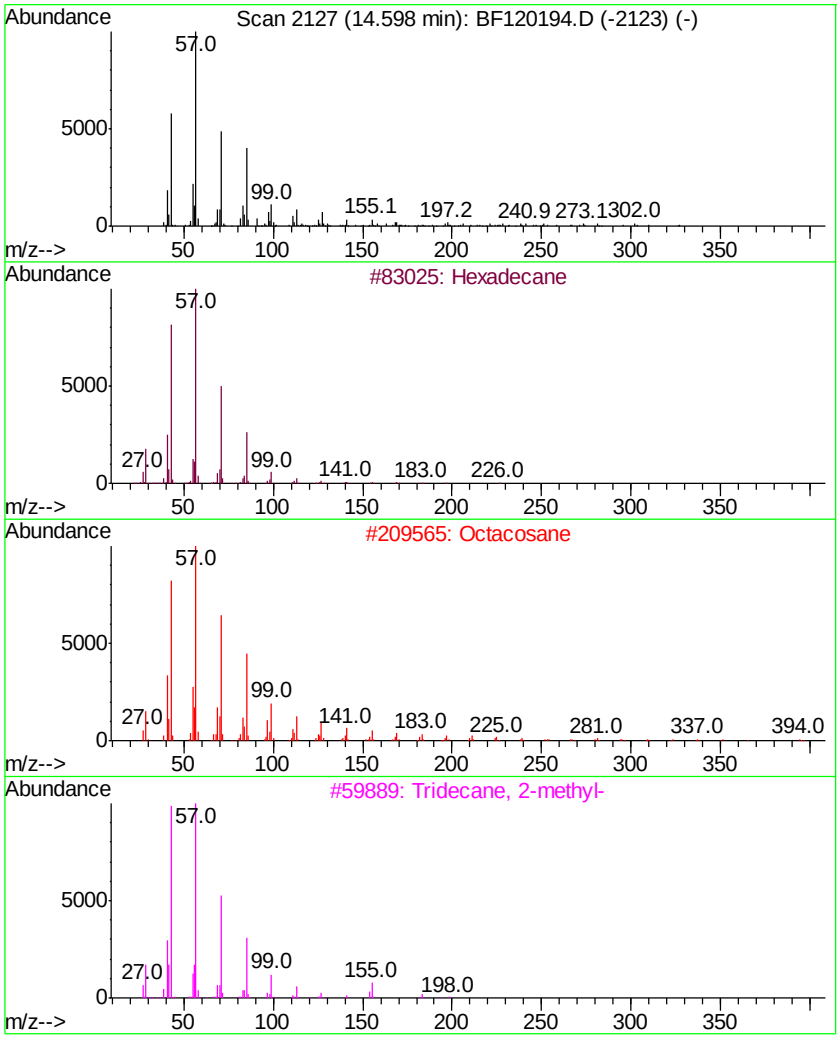
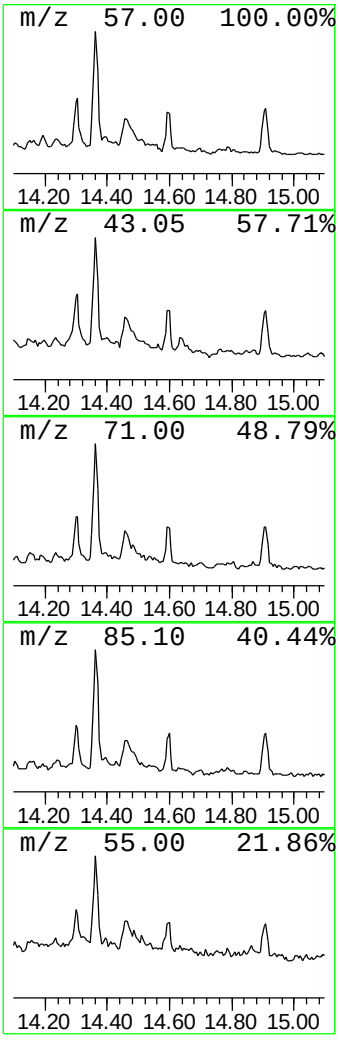
Peak Number 17 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	5.75 ng	205174	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Octacosane	394	C28H58	000630-02-4	86
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	83
4	Tetracosane	338	C24H50	000646-31-1	83
5	Docosane	310	C22H46	000629-97-0	83





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Acq On : 24 Apr 2020 11:34
Operator : MA/SJ
Sample : L2360-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GREENWALL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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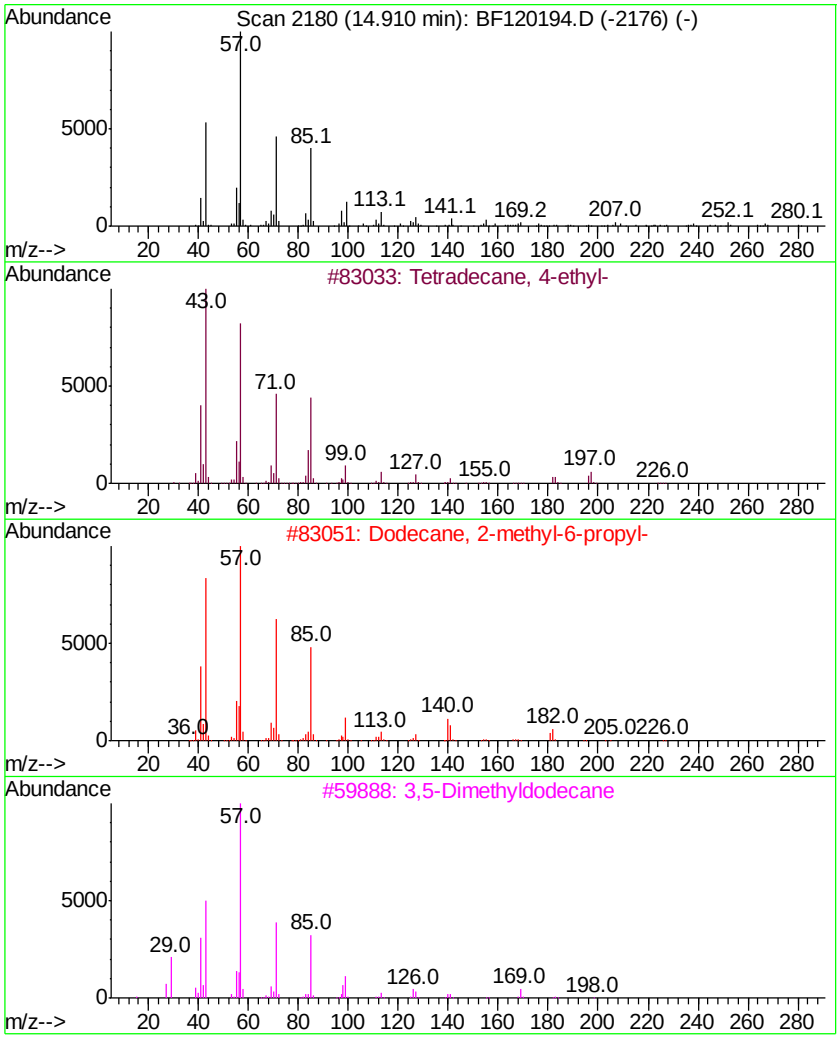
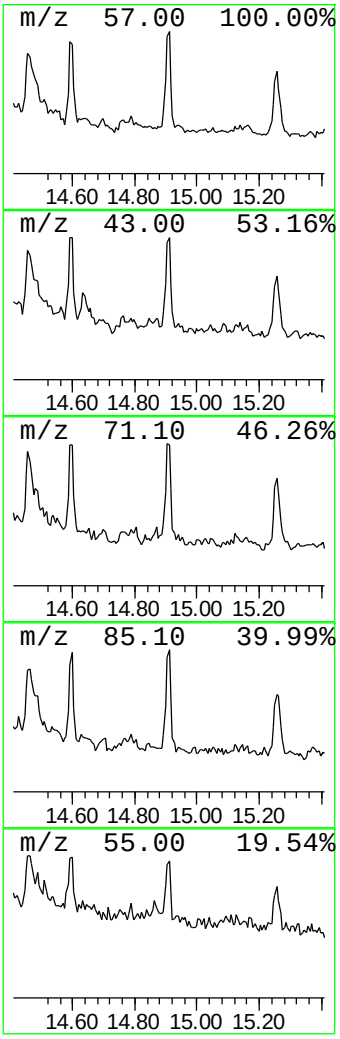
Peak Number 18 Tetradecane, 4-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	6.68 ng	238047	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	91
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
3	3,5-Dimethyldodecane	198	C14H30	107770-99-0	78
4	Eicosane	282	C20H42	000112-95-8	72
5	1-Iodoundecane	282	C11H23I	004282-44-4	72





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Sample : L2360-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GREENWALL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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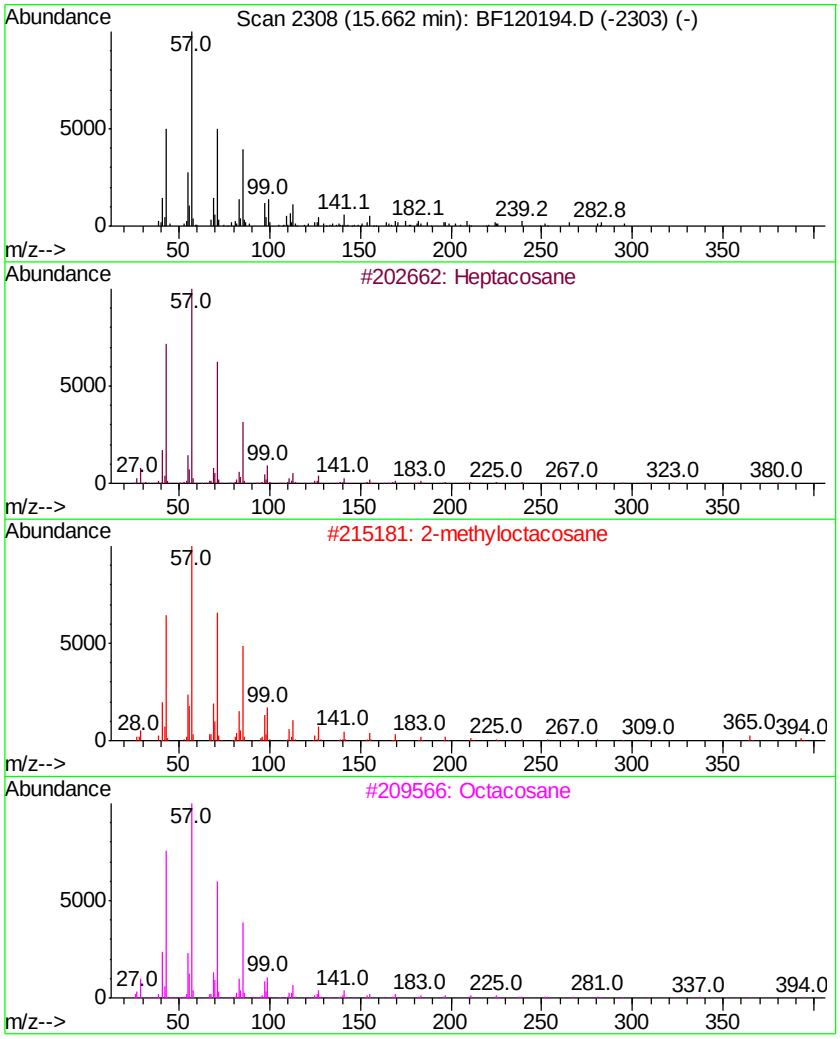
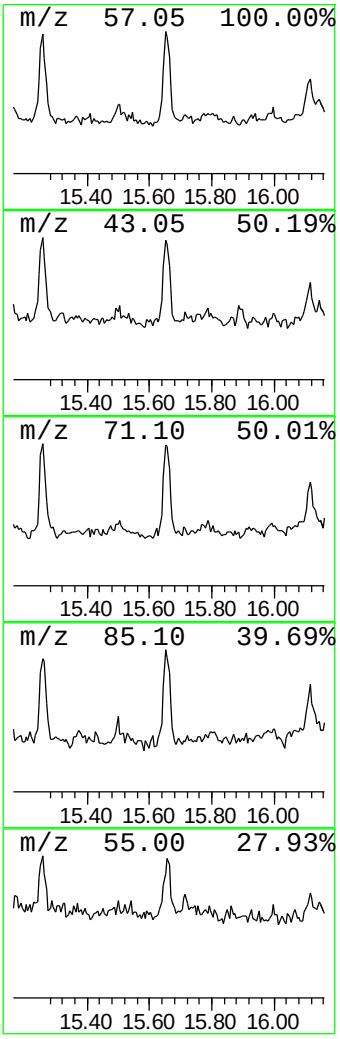
Peak Number 19 Heptacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	5.58 ng	198865	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	74
2	2-methyloctacosane	408	C29H60	1000376-72-8	74
3	Octacosane	394	C28H58	000630-02-4	72
4	Eicosane	282	C20H42	000112-95-8	72
5	Octadecane	254	C18H38	000593-45-3	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120194.D
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Operator : MA/SJ
Sample : L2360-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GREENWALL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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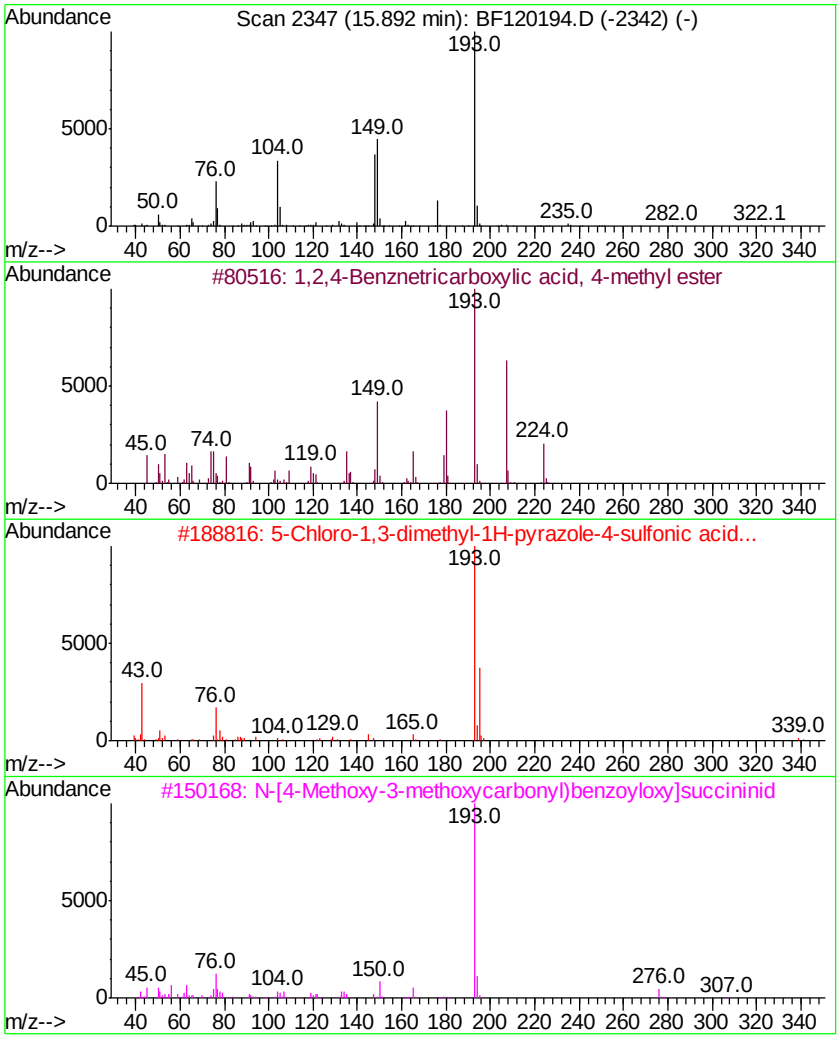
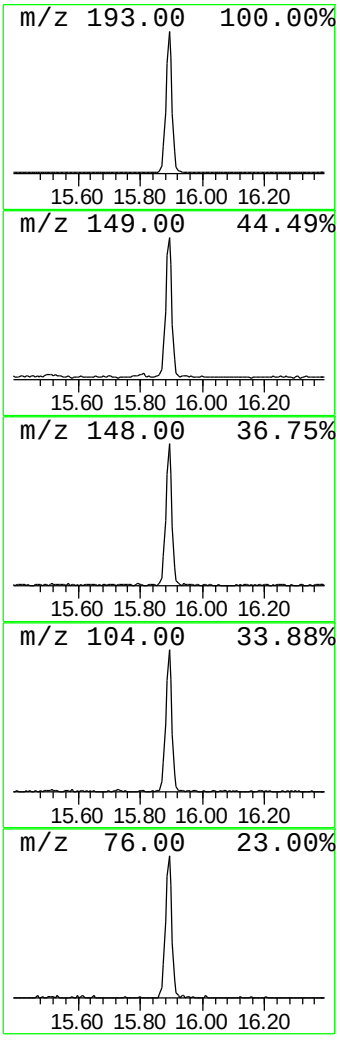
Peak Number 20 unknown15.89 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	14.32 ng	510593	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4-Benznetricarboxylic acid, ...	224	C10H8O6	1000257-89-4	33
2	5-Chloro-1,3-dimethyl-1H-pyrazol...	358	C10H10ClF3N4O3S	1000265-45-4	23
3	N-[4-Methoxy-3-methoxycarbonyl)b...	307	C14H13NO7	541528-00-1	17
4	Adamantane-1-carboxylic acid, 3-...	272	C12H17BrO2	027983-08-0	17
5	Pyrazole, 5-methyl-3-(5-nitro-2-...	193	C8H7N3O3	016239-90-0	16





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042420\
Data File : BF120194.D
Acq On : 24 Apr 2020 11:34
Operator : MA/SJ
Sample : L2360-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GREENWALL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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
Octanoic acid	7.73	10.6	ng	702804	2	7.95	1327690	20.0
Nonanoic acid	8.33	11.6	ng	767682	2	7.95	1327690	20.0
3-Methyl-4-(metho...	10.61	6.0	ng	344622	4	11.18	1158320	20.0
2-Acetylbenzoic acid	11.47	4.9	ng	284996	4	11.18	1158320	20.0
2(3H)-Furanone, 5...	12.35	6.1	ng	351575	4	11.18	1158320	20.0
cis-13-Octadeceno...	12.44	20.4	ng	1181960	4	11.18	1158320	20.0
2H-Pyran-2-one, t...	12.48	4.9	ng	286272	4	11.18	1158320	20.0
Octadecanoic acid	12.53	92.5	ng	5443050	5	13.82	1176920	20.0
unknown13.12	13.12	7.6	ng	449706	5	13.82	1176920	20.0
Cycloundecanone	13.17	6.8	ng	397433	5	13.82	1176920	20.0
unknown13.24	13.24	11.9	ng	698650	5	13.82	1176920	20.0
Sulfurous acid, b...	13.35	6.2	ng	362014	5	13.82	1176920	20.0
Oxalic acid, isob...	13.68	11.6	ng	682324	5	13.82	1176920	20.0
2-methyloctacosane	14.30	6.7	ng	391871	5	13.82	1176920	20.0
Eicosane	14.36	9.4	ng	555437	5	13.82	1176920	20.0
Hexadecane	14.60	5.8	ng	205174	6	15.22	713162	20.0
Tetradecane, 4-et...	14.91	6.7	ng	238047	6	15.22	713162	20.0
Heptacosane	15.66	5.6	ng	198865	6	15.22	713162	20.0
unknown15.89	15.89	14.3	ng	510593	6	15.22	713162	20.0