LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013019\
Data File : BF112320.D
Acq On : 30 Jan 2019 14:31
Operator : JU/SJ
Sample : K1250-04 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-3

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-BF012519.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	3.781	281	288	299	rBV	127485	218690	3.87%	0.704%
2	5.475	573	576	590	rVB	168819	194109	3.44%	0.625%
3	5.787	625	629	636	rBV	91639	98650	1.75%	0.318%
4	6.492	746	749	760	rBV	96598	148557	2.63%	0.478%
5	6.616	766	770	776	rVB	442518	412766	7.31%	1.329%
6	6.839	804	808	812	rBV	639151	590237	10.46%	1.900%
7	6.898	815	818	824	rVV2	72276	77455	1.37%	0.249%
8	6.992	830	834	842	rVB	974919	824907	14.61%	2.656%
9	7.239	869	876	879	rBV	453431	429950	7.62%	1.384%
10	7.398	900	903	907	rVB	312787	287022	5.08%	0.924%
11	7.445	907	911	914	rVB	1365407	1081505	19.16%	3.482%
12	7.551	917	929	936	rBV2	203634	450159	7.97%	1.449%
13	7.863	979	982	985	rVB2	104961	86430	1.53%	0.278%
14	8.122	1020	1026	1027	rBV	776002	742931	13.16%	2.392%
15	8.145	1027	1030	1033	rVV	1889305	1609891	28.52%	5.183%
16	8.169	1033	1034	1039	rVB	253634	191746	3.40%	0.617%
17	8.292	1047	1055	1058	rBV	4380827	5645087	100.00%	18.174%
18	8.428	1075	1078	1087	rVB	222825	253071	4.48%	0.815%
19	8.716	1122	1127	1131	rBV3	148897	171865	3.04%	0.553%
20	9.192	1204	1208	1213	rBV	763331	665772	11.79%	2.143%
21	9.345	1230	1234	1243	rBV	154962	165136	2.93%	0.532%
22	9.416	1243	1246	1247	rVV	114378	108261	1.92%	0.349%
23	9.463	1251	1254	1256	rVV2	185024	225794	4.00%	0.727%
24	9.480	1256	1257	1261	rVV2	122289	108540	1.92%	0.349%
25	9.522	1261	1264	1272	rVV2	74105	107224	1.90%	0.345%
26	9.580	1272	1274	1280	rVB	67358	72431	1.28%	0.233%
27	9.675	1287	1290	1294	rBV	1070644	888043	15.73%	2.859%
28	9.827	1309	1316	1319	rBV	1990725	2413022	42.75%	7.769%
29	9.874	1321	1324	1331	rVB	941424	1123215	19.90%	3.616%
30	9.969	1331	1340	1341	rBV	238154	514347	9.11%	1.656%
31	10.045	1350	1353	1359	rVB2	61550	82000	1.45%	0.264%
32	10.192	1374	1378	1383	rBV	429776	465698	8.25%	1.499%
33	10.574	1439	1443	1446	rBV	250731	204180	3.62%	0.657%
34	10.669	1455	1459	1464	rBV	313255	341749	6.05%	1.100%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K1250-04 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-3

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-BF012519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.733	1464	1470	1474	rVV	218980	260100	4.61%	0.837%
36	10.804	1479	1482	1485	rVV	633850	520926	9.23%	1.677%
37	10.857	1485	1491	1498	rVB	787560	1247456	22.10%	4.016%
38	11.221	1550	1553	1555	rBV	79650	68645	1.22%	0.221%
39	11.251	1555	1558	1564	rVB2	64241	83310	1.48%	0.268%
40	11.321	1567	1570	1573	rVB	118303	92332	1.64%	0.297%
41	11.357	1573	1576	1580	rBV	684723	614393	10.88%	1.978%
42	11.604	1615	1618	1620	rBV	65187	57067	1.01%	0.184%
43	11.680	1628	1631	1632	rBV	84937	76009	1.35%	0.245%
44	11.698	1632	1634	1638	rVV	83068	90150	1.60%	0.290%
45	11.745	1639	1642	1648	rVB	228566	212057	3.76%	0.683%
46	11.886	1663	1666	1669	rBV	200323	205326	3.64%	0.661%
47	11.921	1669	1672	1675	rVV	259399	210490	3.73%	0.678%
48	12.045	1690	1693	1699	rBV	314834	323986	5.74%	1.043%
49	12.333	1740	1742	1745	rBV	72860	65549	1.16%	0.211%
50	12.445	1758	1761	1764	rBV	319548	323463	5.73%	1.041%
51	12.580	1782	1784	1790	rBV4	88339	191874	3.40%	0.618%
52	12.668	1796	1799	1804	rBV	370076	424949	7.53%	1.368%
53	12.810	1821	1823	1827	rBV2	105703	104039	1.84%	0.335%
54	12.939	1842	1845	1848	rBV	598284	606743	10.75%	1.953%
55	12.968	1848	1850	1855	rVB	304759	323727	5.73%	1.042%
56	13.074	1865	1868	1872	rBV	617628	596185	10.56%	1.919%
57	13.163	1881	1883	1886	rBV	145282	165870	2.94%	0.534%
58	13.298	1903	1906	1909	rBV	192843	252857	4.48%	0.814%
59	13.427	1926	1928	1934	rVB2	341941	372042	6.59%	1.198%
60	14.004	2022	2026	2031	rVB2	786609	1078853	19.11%	3.473%
61	14.839	2165	2168	2171	rBV	522037	580024	10.27%	1.867%
62	15.480	2274	2277	2284	rVB	724367	911715	16.15%	2.935%

Sum of corrected areas: 31060577

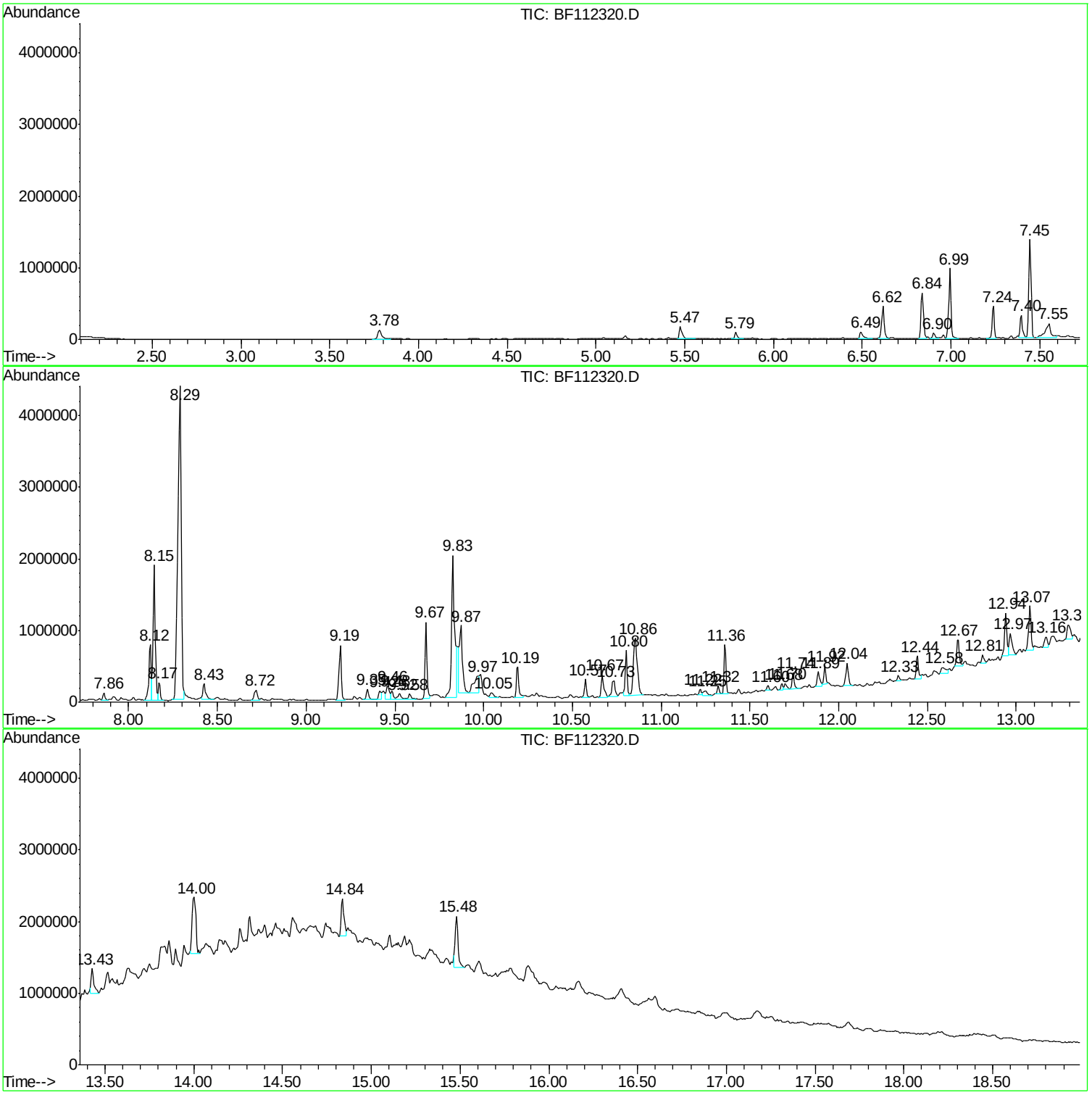
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013019\
Data File : BF112320.D
Acq On : 30 Jan 2019 14:31
Operator : JU/SJ
Sample : K1250-04 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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\BF013019\
Data File : BF112320.D
Acq On : 30 Jan 2019 14:31
Operator : JU/SJ
Sample : K1250-04 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

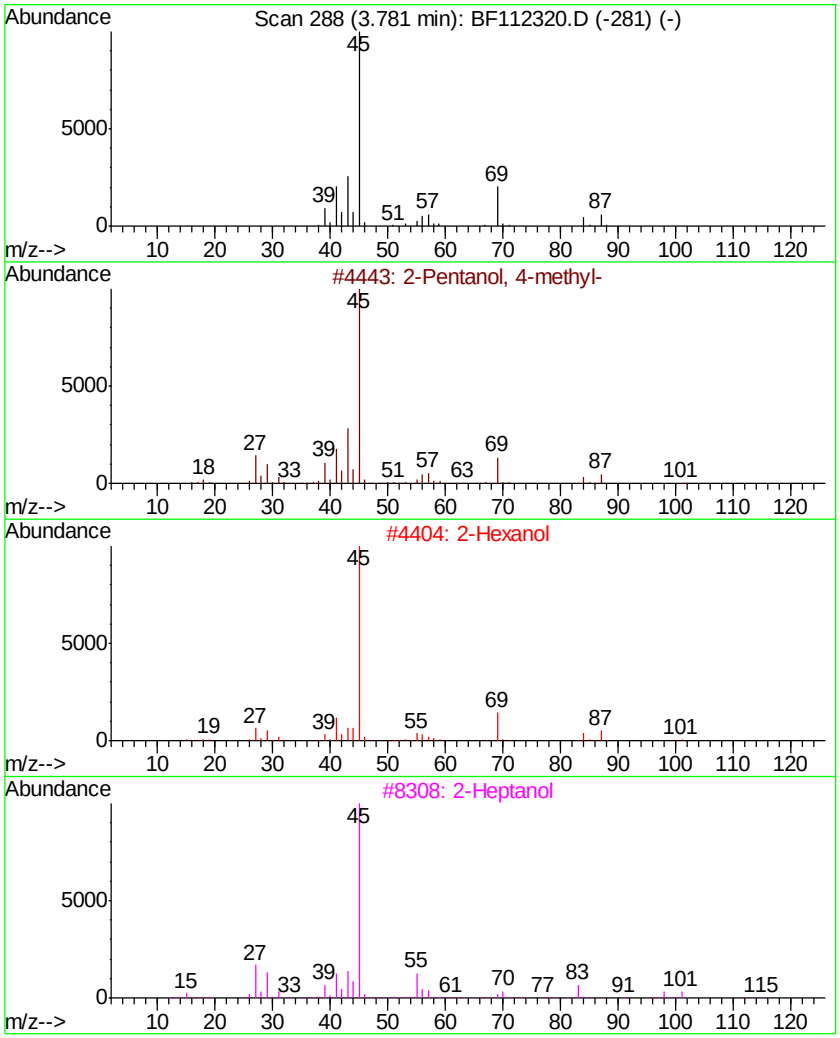
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

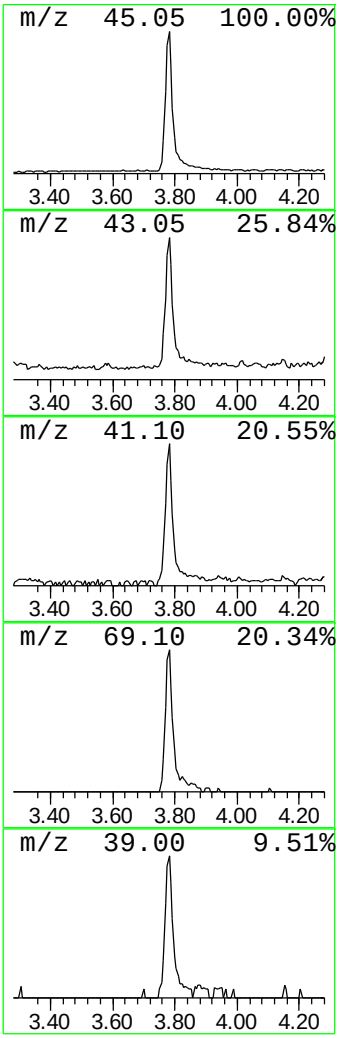
****

Peak Number 1 2-Pentanol, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.78	7.41 ng	218690	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
2	2-Hexanol	102	C6H14O	000626-93-7	78
3	2-Heptanol	116	C7H16O	000543-49-7	40
4	Propanenitrile, 3-methoxy-	85	C4H7NO	000110-67-8	9
5	2-Hexanol, 3-methyl-	116	C7H16O	002313-65-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013019\
Data File : BF112320.D
Acq On : 30 Jan 2019 14:31
Operator : JU/SJ
Sample : K1250-04 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

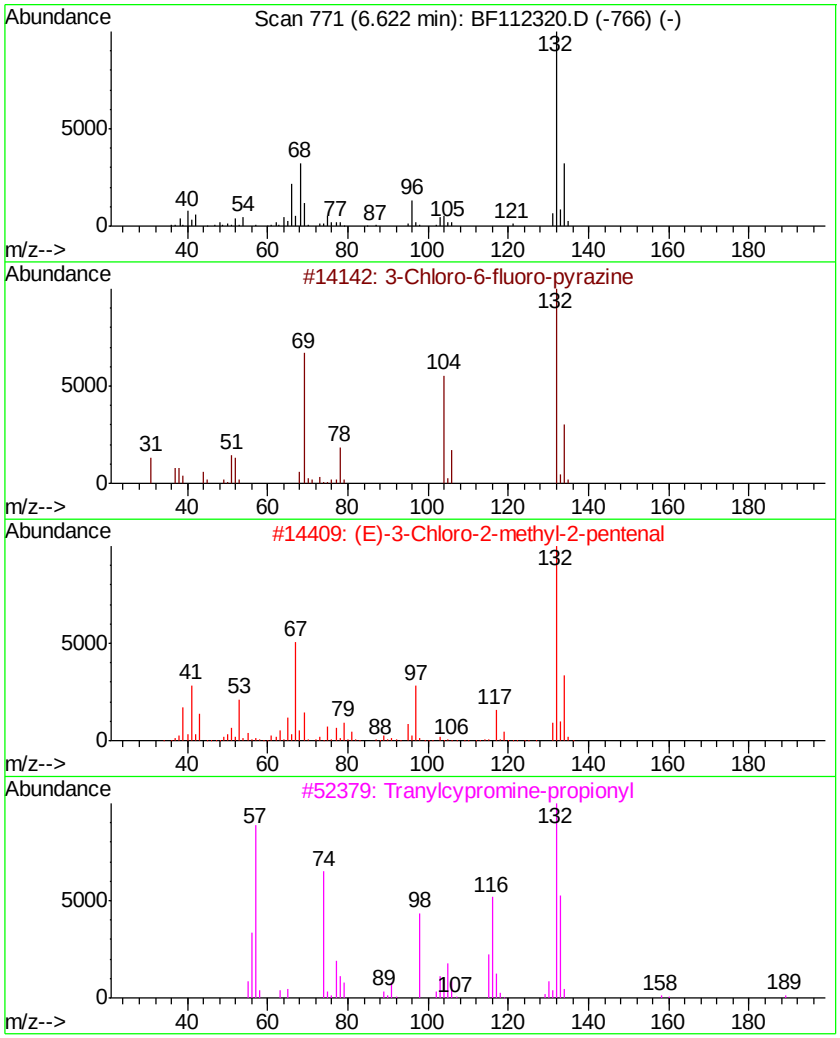
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

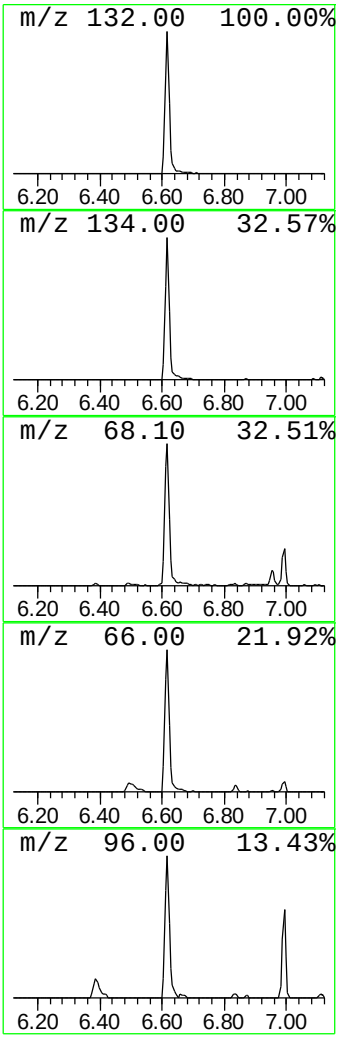
****

Peak Number 2 unknown6.62 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	13.99 ng	412766	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013019\
Data File : BF112320.D
Acq On : 30 Jan 2019 14:31
Operator : JU/SJ
Sample : K1250-04 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

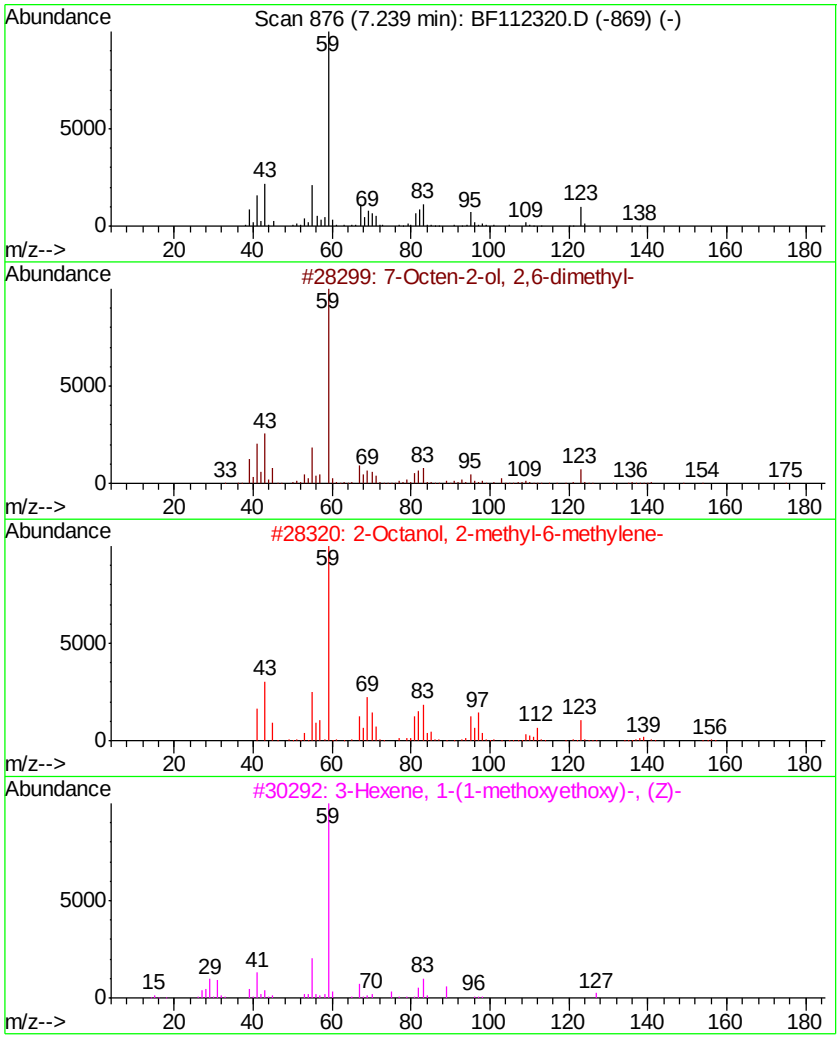
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

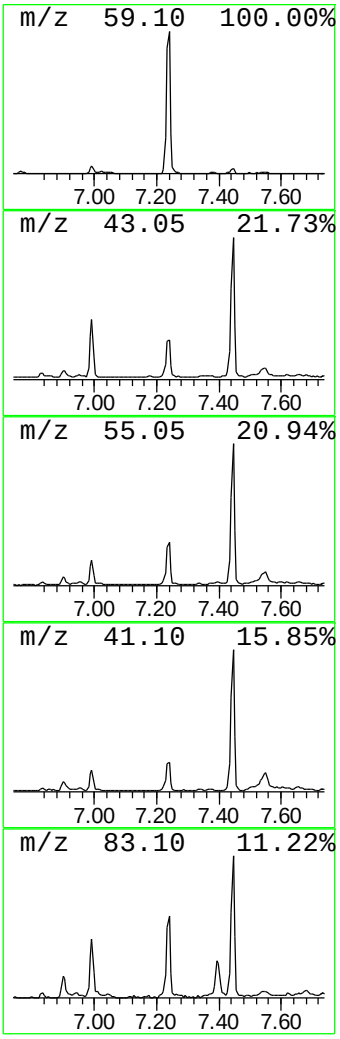
****

Peak Number 4 7-Octen-2-ol, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	14.57 ng	429950	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	83
2	2-Octanol, 2-methyl-6-methylene-	156	C10H20O	018479-59-9	74
3	3-Hexene, 1-(1-methoxyethoxy)-, ...	158	C9H18O2	054340-96-4	50
4	1,7-Octanediol, 3,7-dimethyl-	174	C10H22O2	000107-74-4	50
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013019\
Data File : BF112320.D
Acq On : 30 Jan 2019 14:31
Operator : JU/SJ
Sample : K1250-04 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

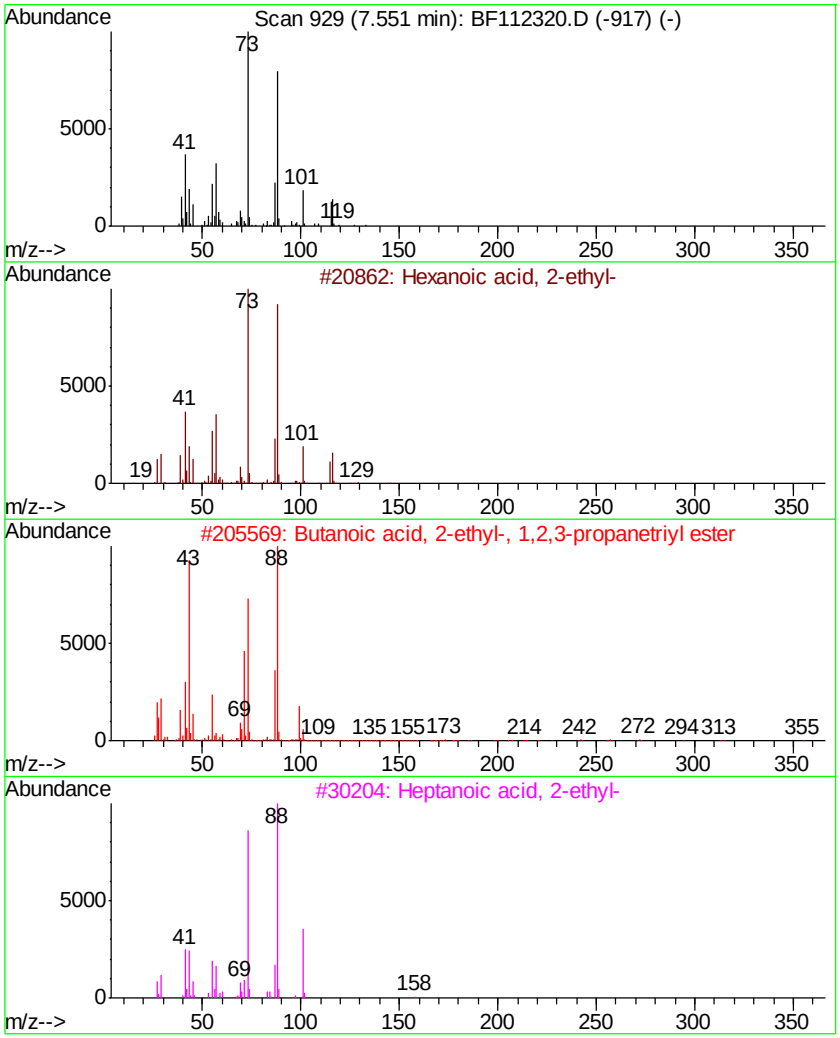
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

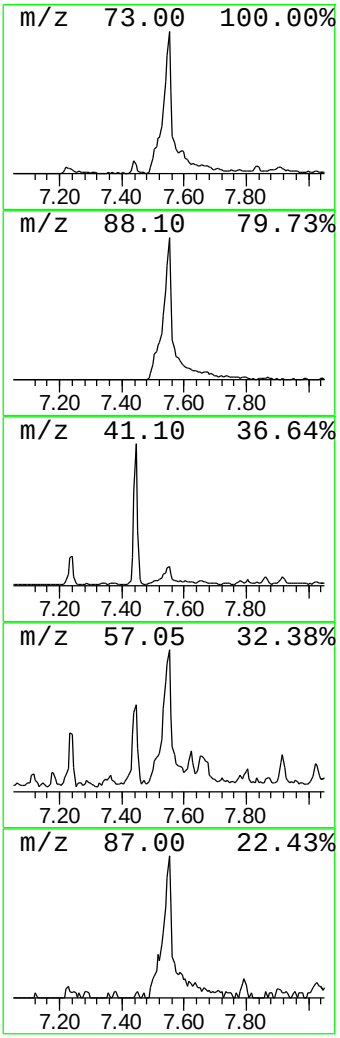
****

Peak Number 5 Hexanoic acid, 2-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	12.12 ng	450159	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	53
3	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	53
4	L(-)-Fucose, tetramethyl ether	220	C10H20O5	1000332-75-0	50
5	Methyl-4-deoxy-2,3-di-O-methyl.b...	218	C9H14O6	1000312-09-9	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013019\
Data File : BF112320.D
Acq On : 30 Jan 2019 14:31
Operator : JU/SJ
Sample : K1250-04 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

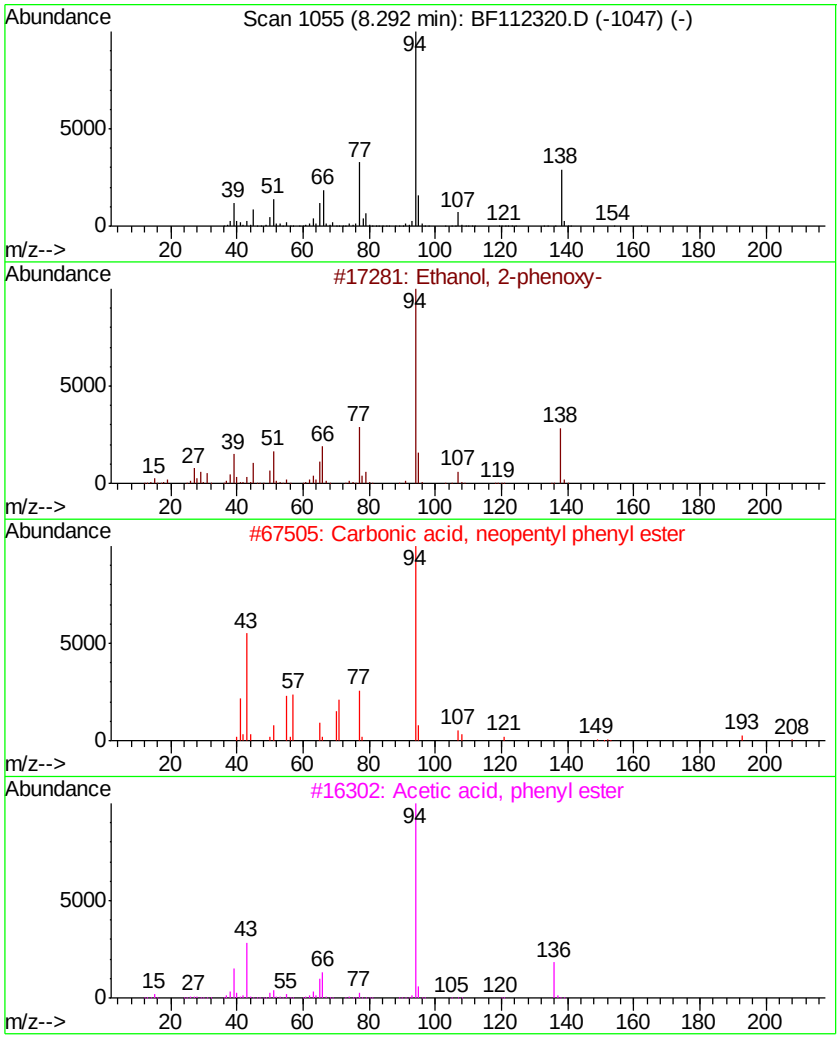
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

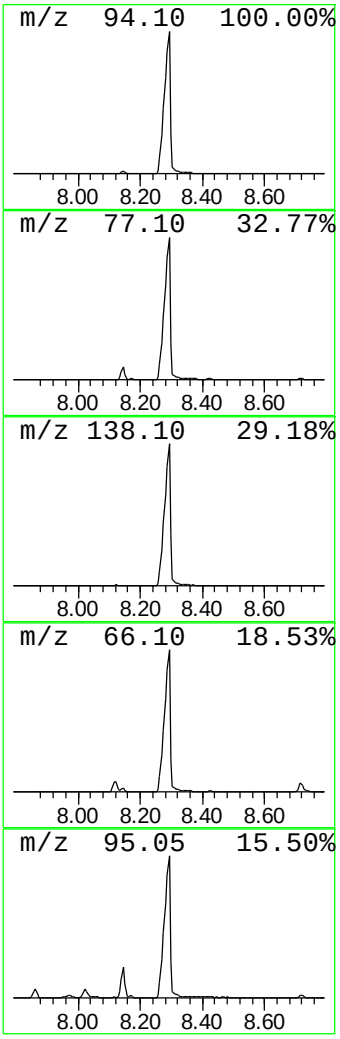
****

Peak Number 6 Ethanol, 2-phenoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	151.97 ng	5645090	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	97
2	Carbonic acid, neopentyl phenyl ...	208	C12H16O3	013183-19-2	64
3	Acetic acid, phenyl ester	136	C8H8O2	000122-79-2	50
4	Phenol	94	C6H6O	000108-95-2	47
5	Benzene, ethoxy-	122	C8H10O	000103-73-1	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013019\
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Sample : K1250-04 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

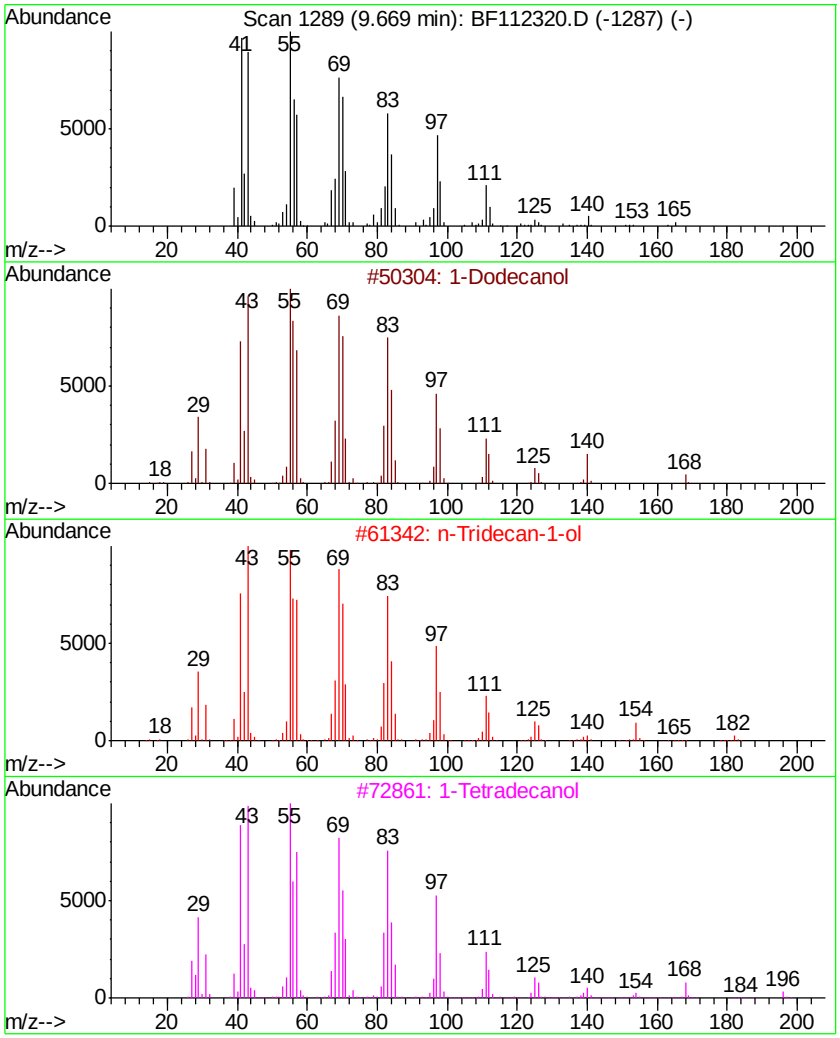
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

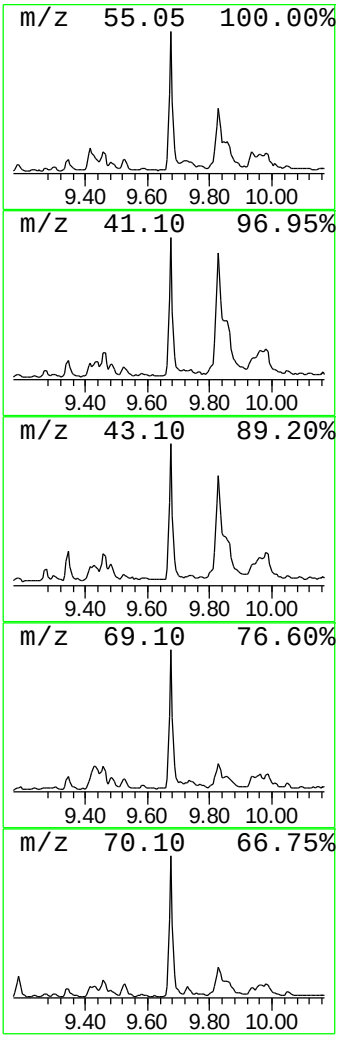
****

Peak Number 7 1-Dodecanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	15.81 ng	888043	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol	186	C12H26O	000112-53-8	91
2	n-Tridecan-1-ol	200	C13H28O	000112-70-9	91
3	1-Tetradecanol	214	C14H30O	000112-72-1	91
4	Cyclododecane	168	C12H24	000294-62-2	91
5	3-Chloropropionic acid, dodecyl ...	276	C15H29ClO2	074316-16-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013019\
Data File : BF112320.D
Acq On : 30 Jan 2019 14:31
Operator : JU/SJ
Sample : K1250-04 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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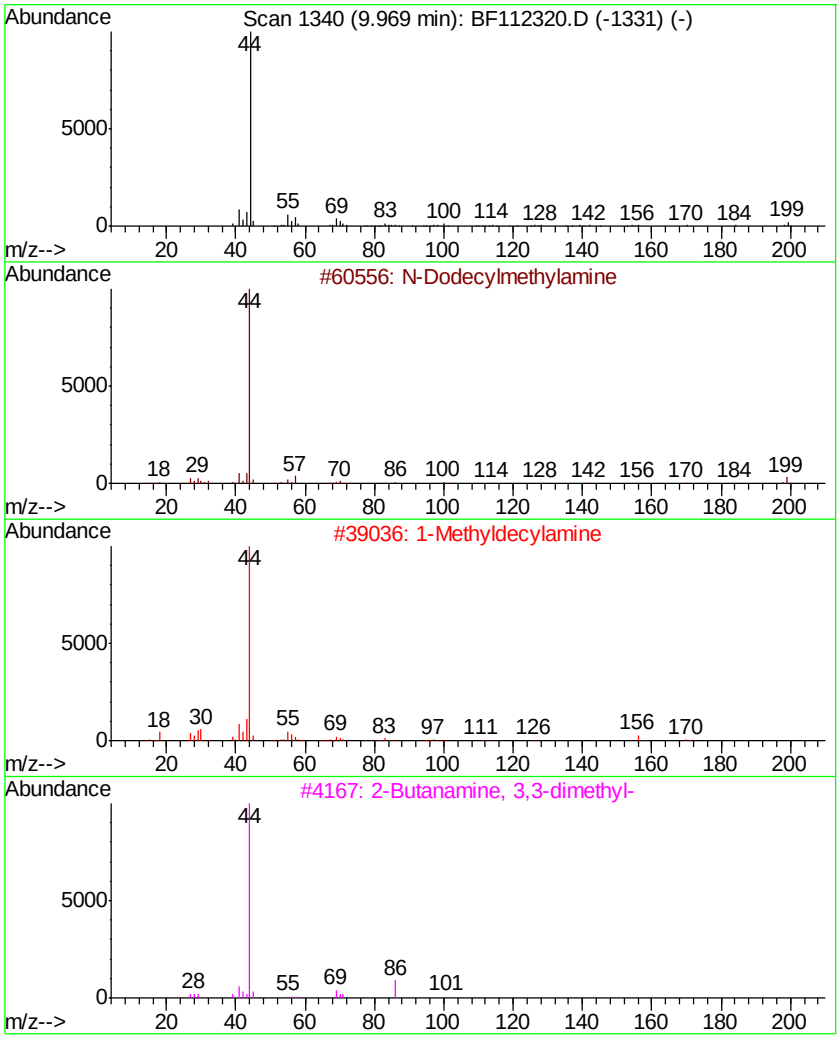
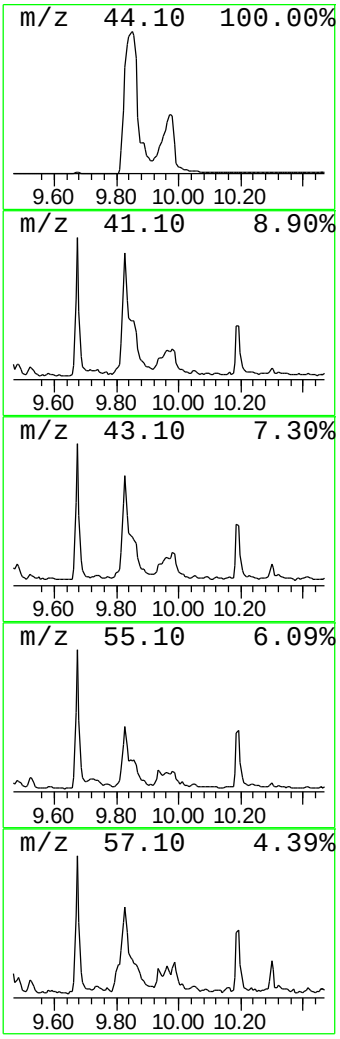
Peak Number 8 N-Dodecylmethylamine Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	9.16 ng	514347	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Dodecylmethylamine	199	C13H29N	1000342-26-1	64
2	1-Methyldecylamine	171	C11H25N	013205-56-6	56
3	2-Butanamine, 3,3-dimethyl-	101	C6H15N	003850-30-4	50
4	1-Octadecanamine, N-methyl-	283	C19H41N	002439-55-6	40
5	2-Hexanamine, 5-methyl-	115	C7H17N	028292-43-5	39





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Data File : BF112320.D
Acq On : 30 Jan 2019 14:31
Operator : JU/SJ
Sample : K1250-04 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

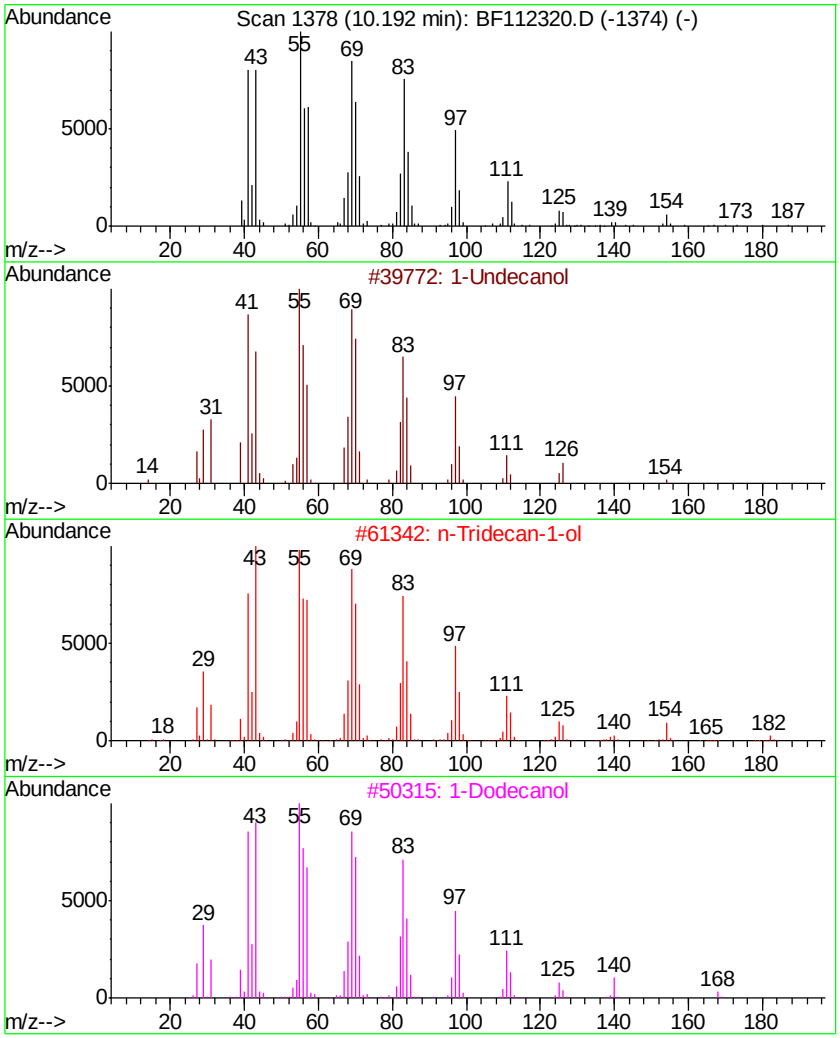
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

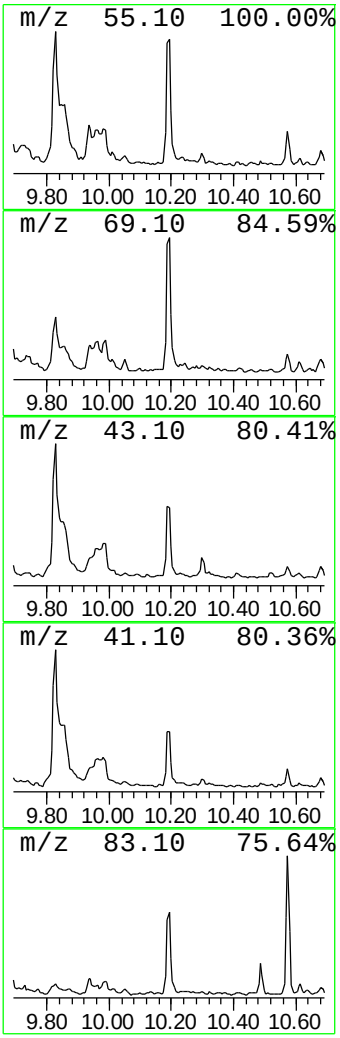
****

Peak Number 9 1-Undecanol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	8.29 ng	465698	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Undecanol	172	C11H24O	000112-42-5	91
2	n-Tridecan-1-ol	200	C13H28O	000112-70-9	91
3	1-Dodecanol	186	C12H26O	000112-53-8	91
4	1-Tetradecanol	214	C14H30O	000112-72-1	91
5	Cyclododecane	168	C12H24	000294-62-2	91





Library Search Compound Report

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Acq On : 30 Jan 2019 14:31
Operator : JU/SJ
Sample : K1250-04 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

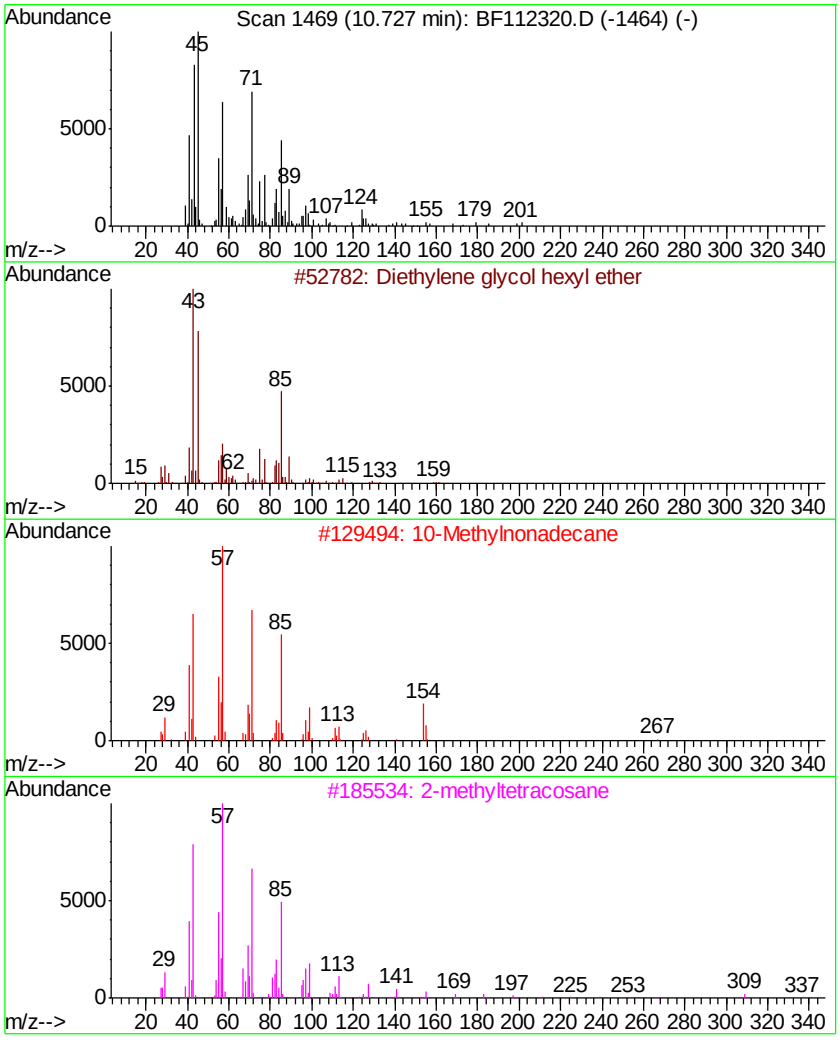
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

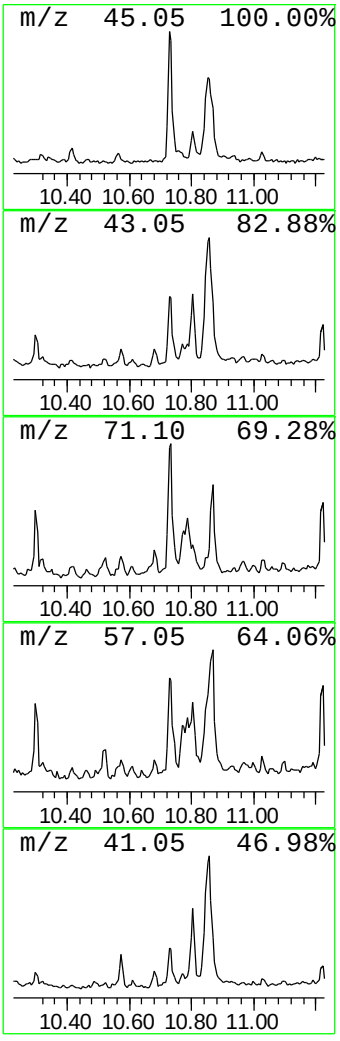
****

Peak Number 10 unknown10.73 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	8.47 ng	260100	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol hexyl ether	190	C10H22O3	000112-59-4	43
2	10-Methylnonadecane	282	C20H42	056862-62-5	35
3	2-methyltetracosane	352	C25H52	1000376-72-6	35
4	Tetradecane	198	C14H30	000629-59-4	27
5	Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	27





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Acq On : 30 Jan 2019 14:31
Operator : JU/SJ
Sample : K1250-04 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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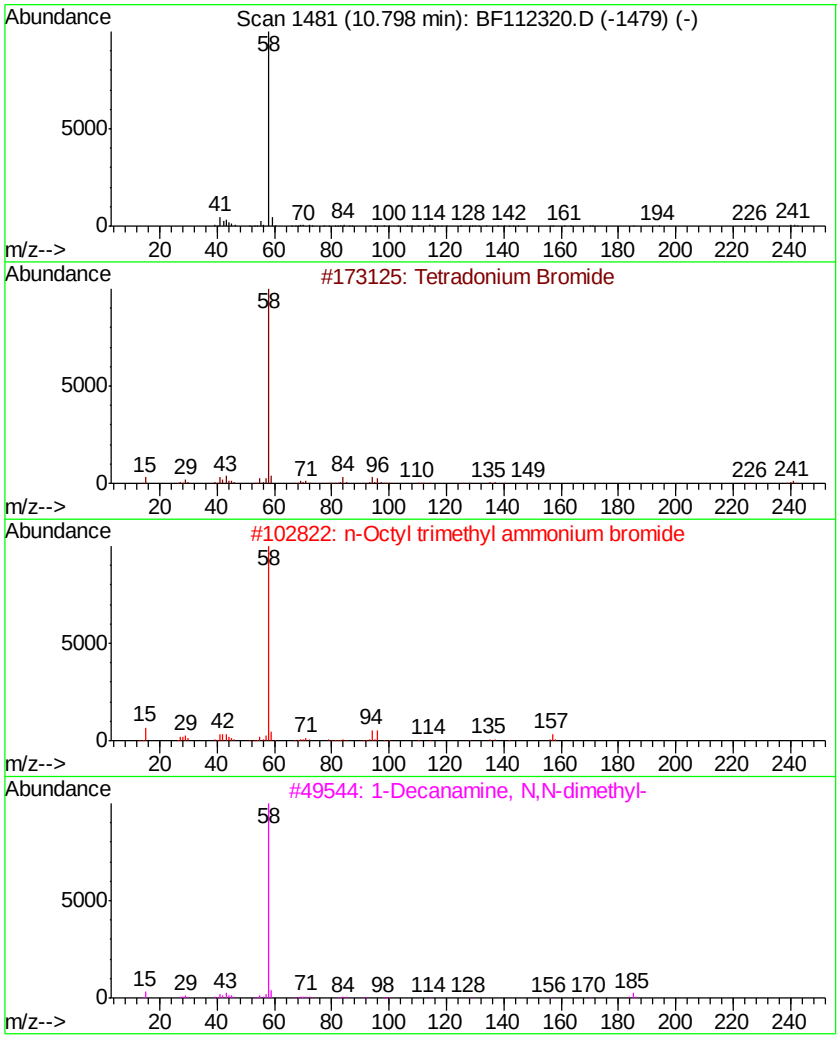
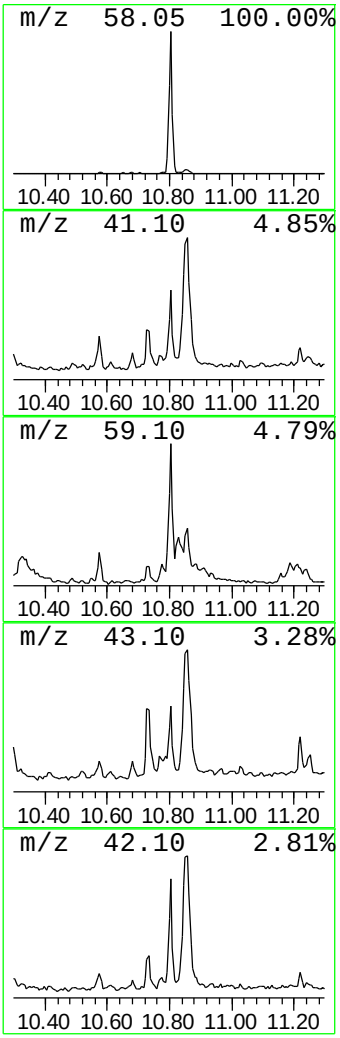
Peak Number 11 Tetradonium Bromide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	16.96 ng	520926	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradonium Bromide	335	C17H38BrN	001119-97-7	78
2	n-Octyl trimethyl ammonium bromide	251	C11H26BrN	002083-68-3	72
3	1-Decanamine, N,N-dimethyl-	185	C12H27N	001120-24-7	72
4	Dodecyltrimethylammonium bromide	307	C15H34BrN	001119-94-4	72
5	1-Heptanamine, N,N-dimethyl-	143	C9H21N	005277-11-2	56





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Acq On : 30 Jan 2019 14:31
Operator : JU/SJ
Sample : K1250-04 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

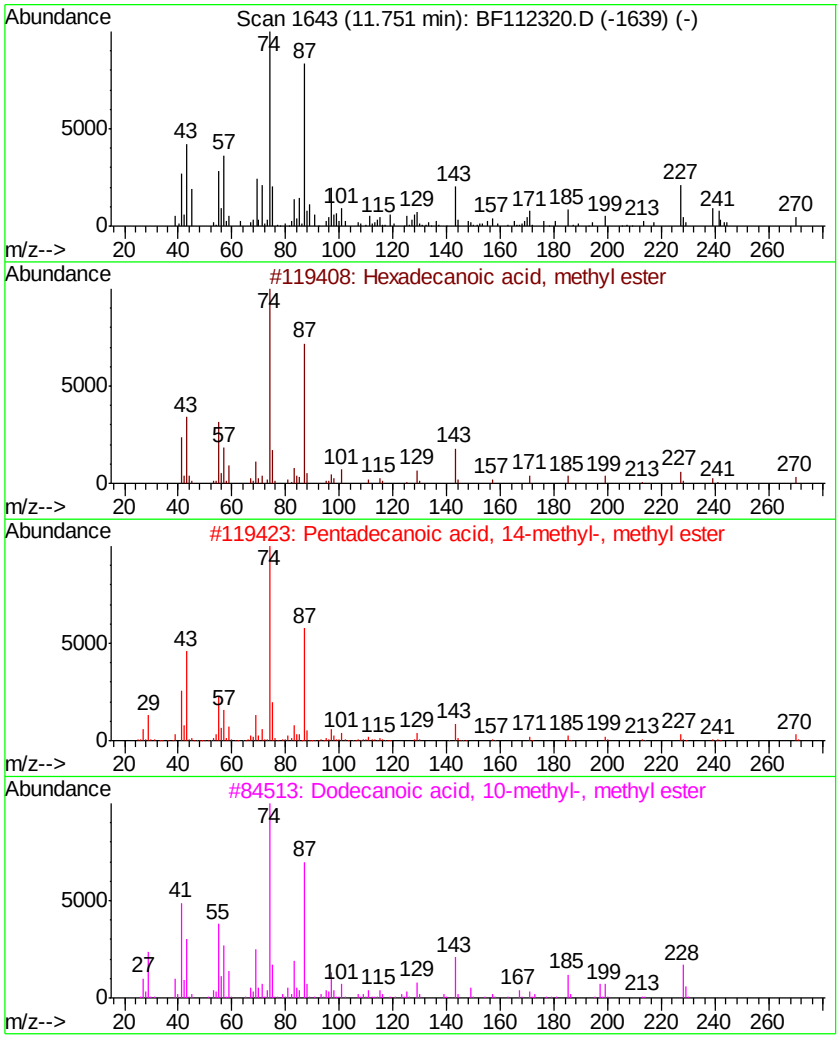
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

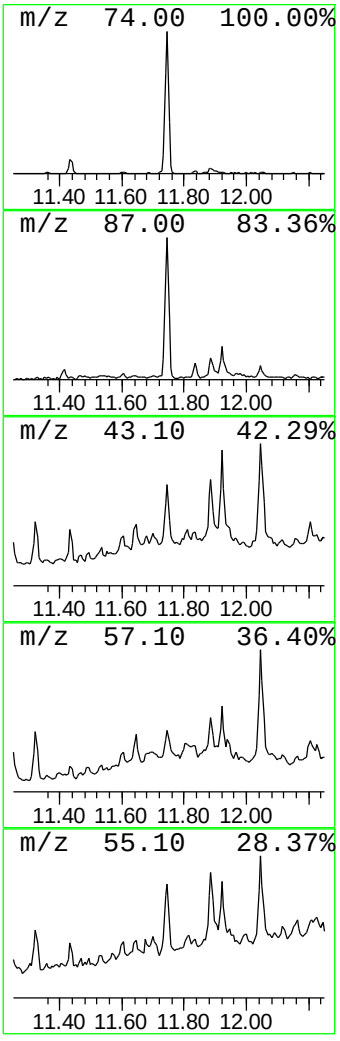
****

Peak Number 13 Hexadecanoic acid, methyl e... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	6.90 ng	212057	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	95
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
3	Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	91
4	Pentadecanoic acid, 13-methyl-, ...	270	C17H34O2	005487-50-3	91
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	81





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Acq On : 30 Jan 2019 14:31
Operator : JU/SJ
Sample : K1250-04 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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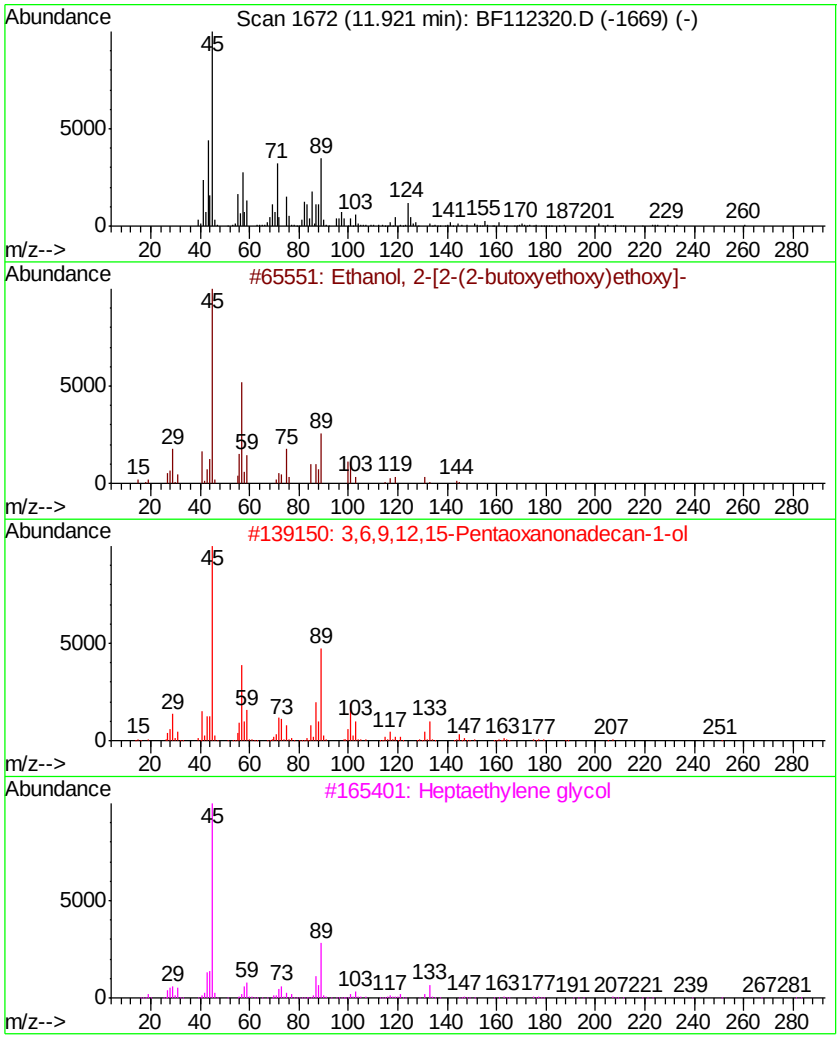
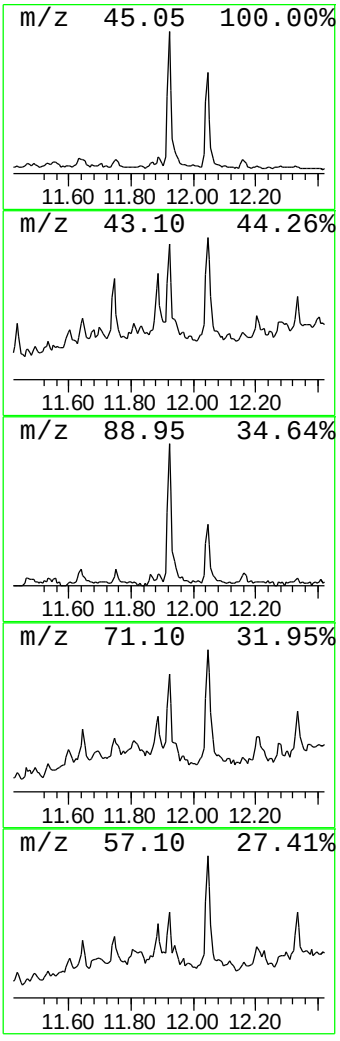
Peak Number 14 Ethanol, 2-[2-(2-butoxyetho... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	6.85 ng	210490	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	59
2	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	59
3	Heptaethylene glycol	326	C14H30O8	005617-32-3	58
4	Pentaethylene glycol	238	C10H22O6	004792-15-8	53
5	Hexaethylene glycol	282	C12H26O7	002615-15-8	53





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Acq On : 30 Jan 2019 14:31
Operator : JU/SJ
Sample : K1250-04 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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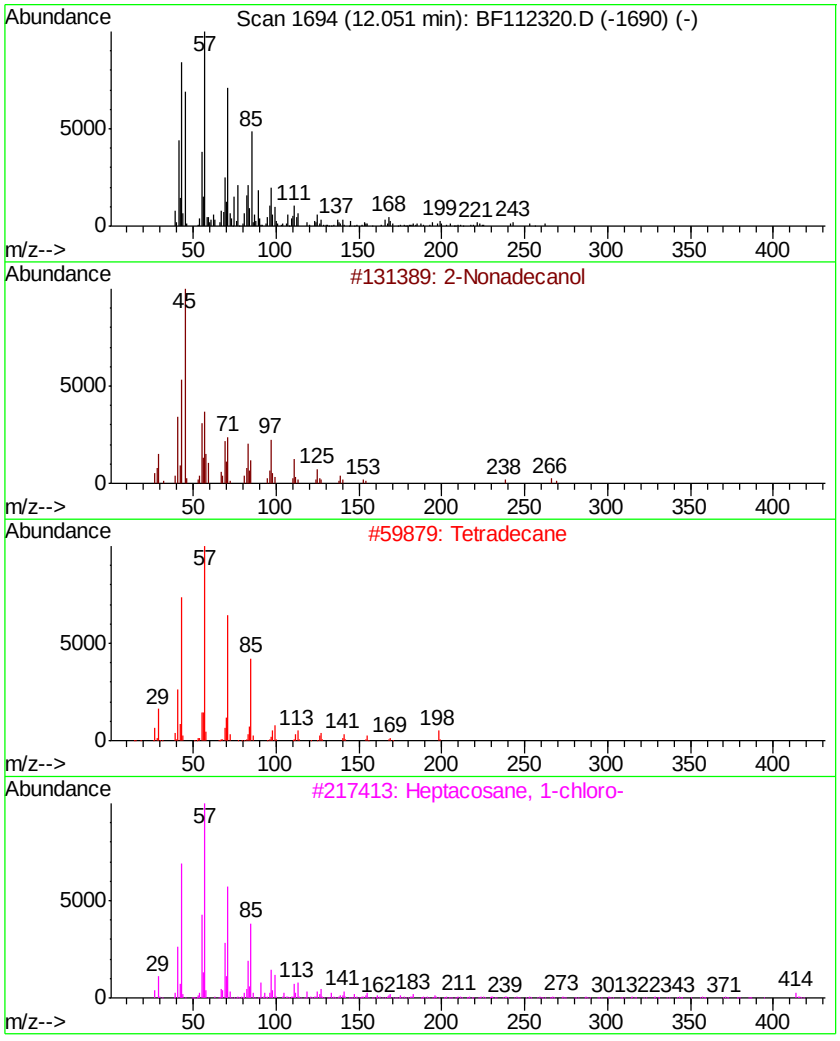
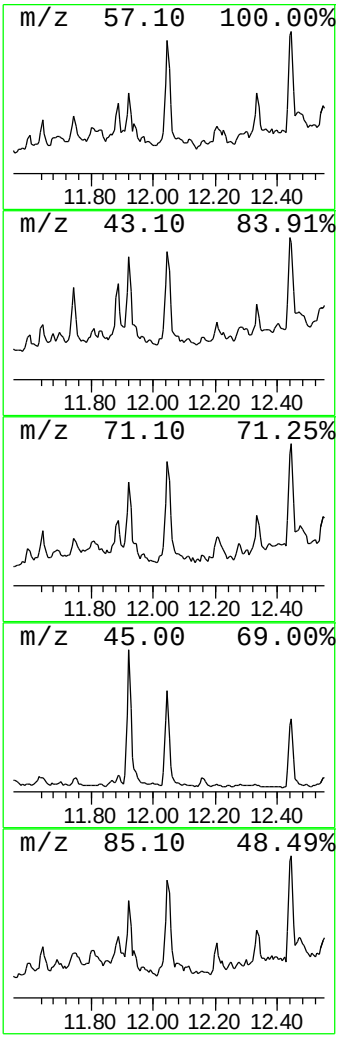
Peak Number 15 unknown12.05 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	10.55 ng	323986	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonadecanol	284	C19H40O	026533-36-8	49
2	Tetradecane	198	C14H30	000629-59-4	44
3	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	38
4	Pentadecane	212	C15H32	000629-62-9	35
5	2-Pentadecanol	228	C15H32O	001653-34-5	30





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Acq On : 30 Jan 2019 14:31
Operator : JU/SJ
Sample : K1250-04 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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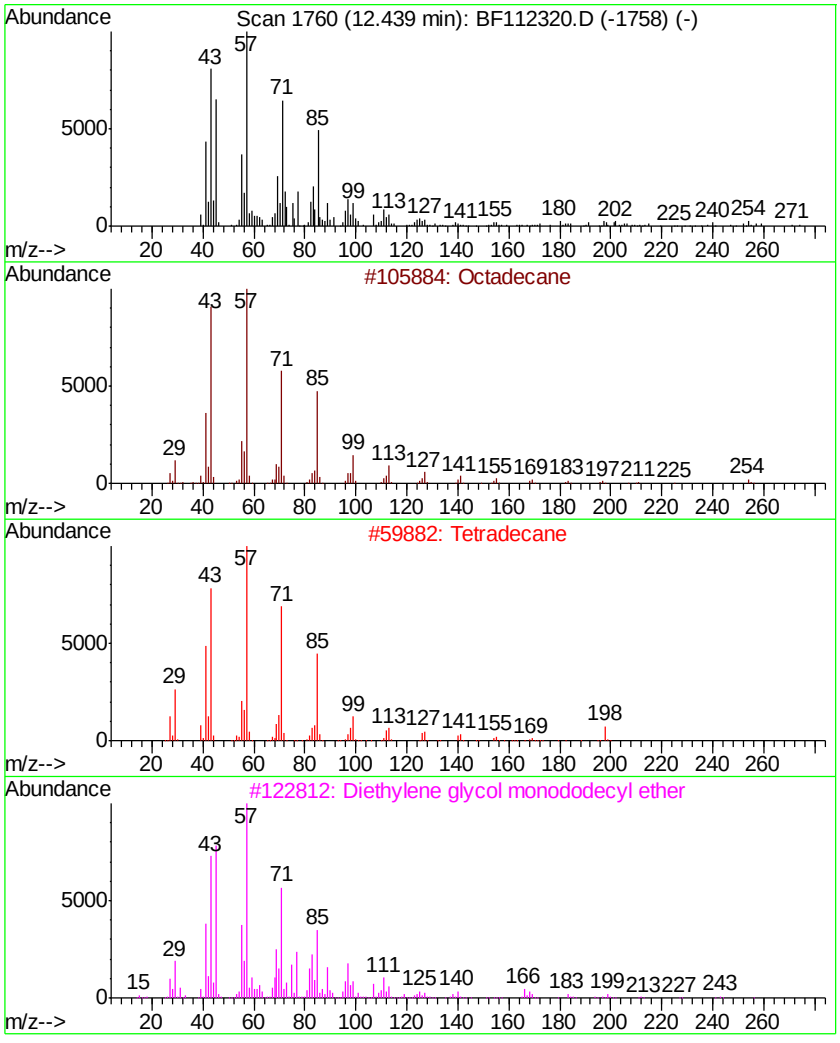
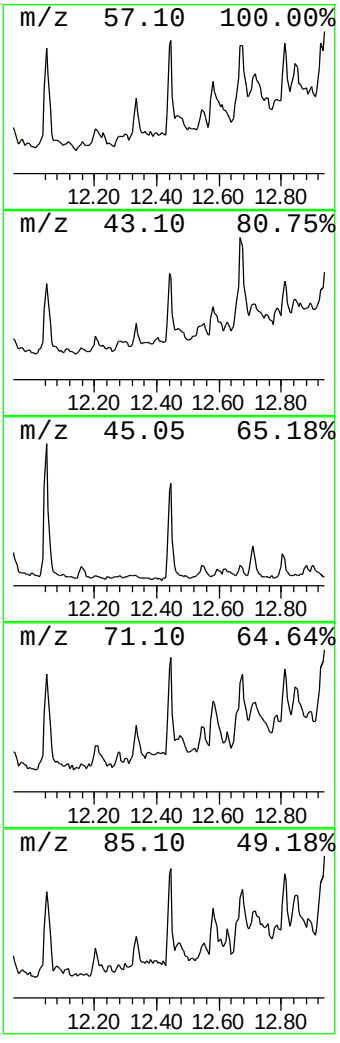
Peak Number 16 Octadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	10.53 ng	323463	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	83
2	Tetradecane	198	C14H30	000629-59-4	80
3	Diethylene glycol monododecyl ether	274	C16H34O3	003055-93-4	68
4	E-14-Hexadecenal	238	C16H30O	330207-53-9	53
5	Heptadecane	240	C17H36	000629-78-7	51





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Operator : JU/SJ
Sample : K1250-04 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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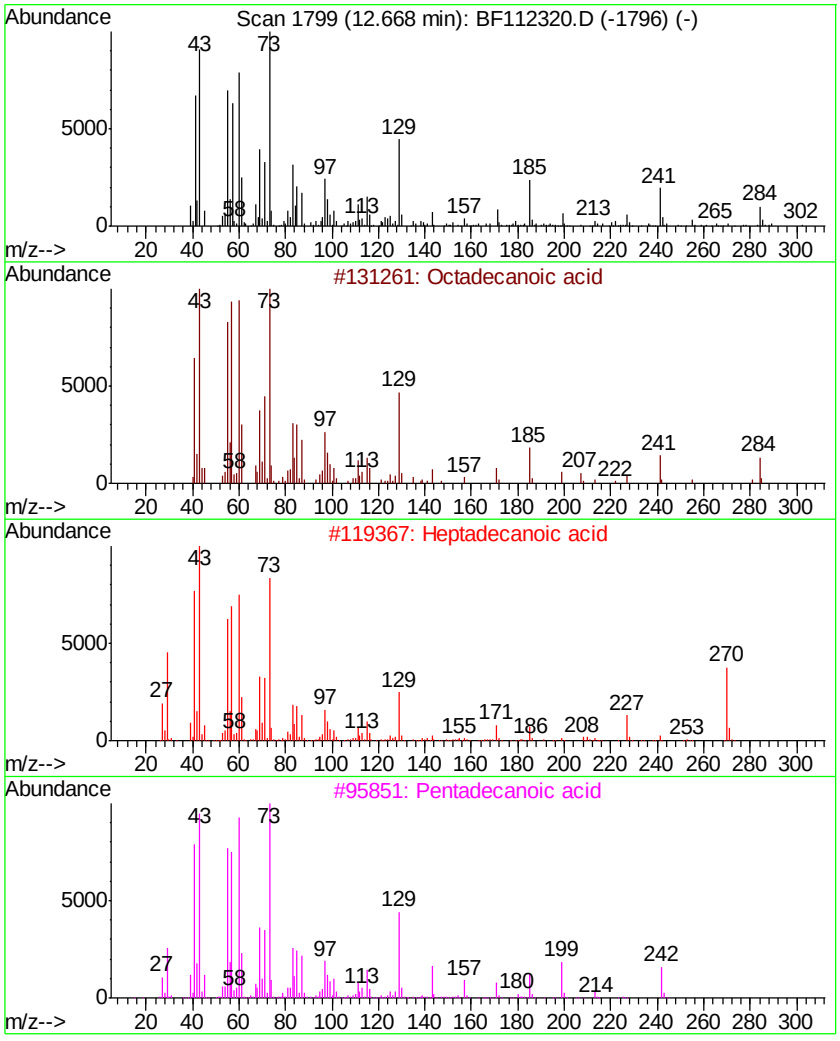
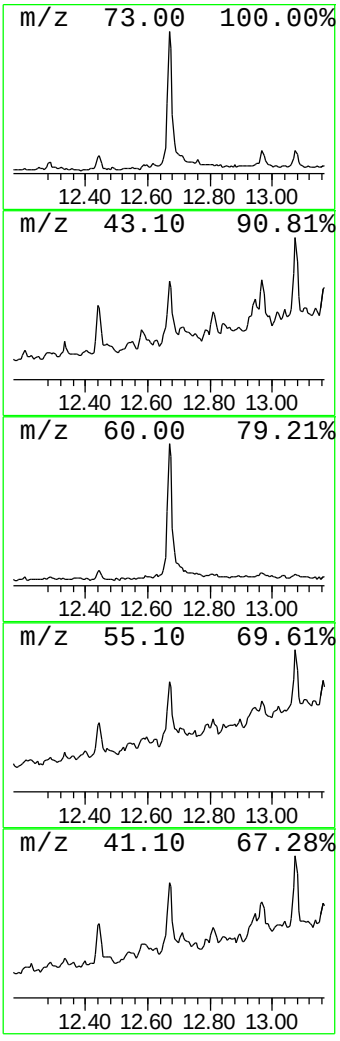
Peak Number 17 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	13.83 ng	424949	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Heptadecanoic acid	270	C17H34O2	000506-12-7	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





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Sample : K1250-04 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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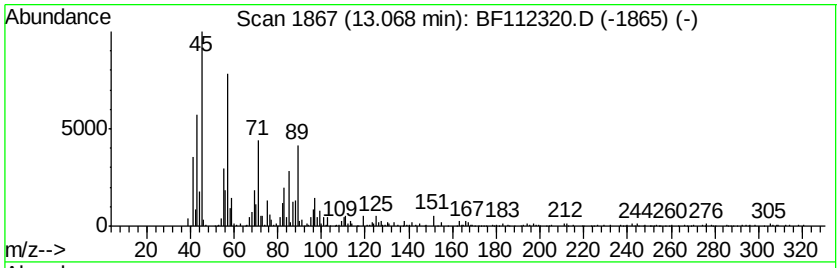
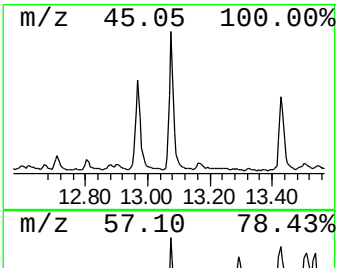
Peak Number 18 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	11.05 ng	596185	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	66
2	Methoxyacetic acid, tridecyl ester	272	C16H32O3	1000281-82-0	58
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	49
4	Triethylene glycol monododecyl e...	318	C18H38O4	003055-94-5	49
5	Cyclohexyl-15-crown-5	274	C14H26O5	017454-48-7	49





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Sample : K1250-04 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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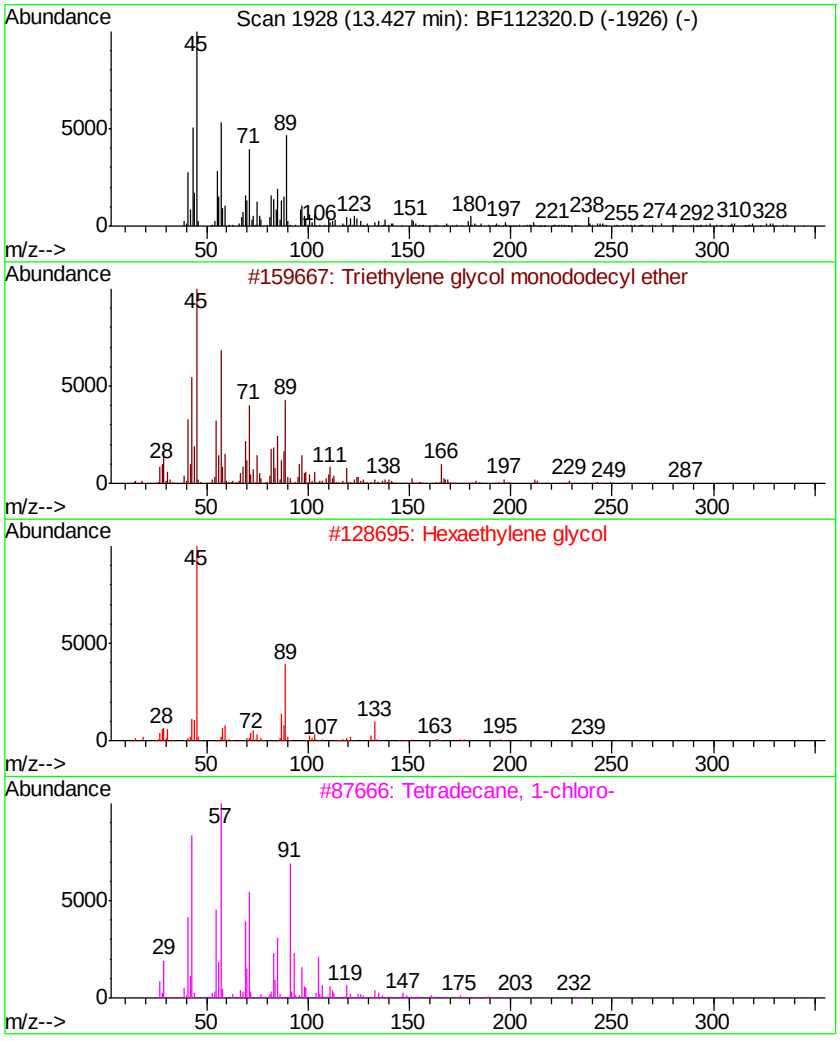
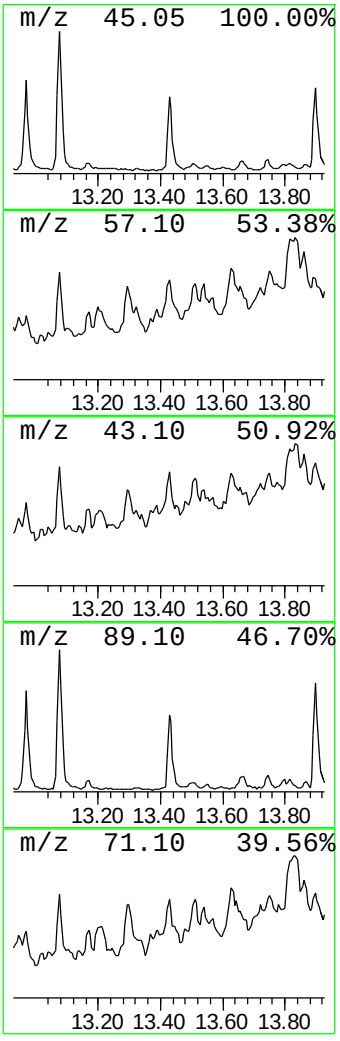
Peak Number 19 Triethylene glycol monodode... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	6.90 ng	372042	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethylene glycol monododecyl e...	318	C18H38O4	003055-94-5	72
2	Hexaethylene glycol	282	C12H26O7	002615-15-8	52
3	Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	47
4	Heptaethylene glycol	326	C14H30O8	005617-32-3	47
5	2-Octanol	130	C8H18O	000123-96-6	30





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Sample : K1250-04 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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 3,6,9,12,15-Pentaoxanonadec... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	12.72 ng	580024	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	91
2	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	90
3	Hexaethylene glycol	282	C12H26O7	002615-15-8	87
4	2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	80
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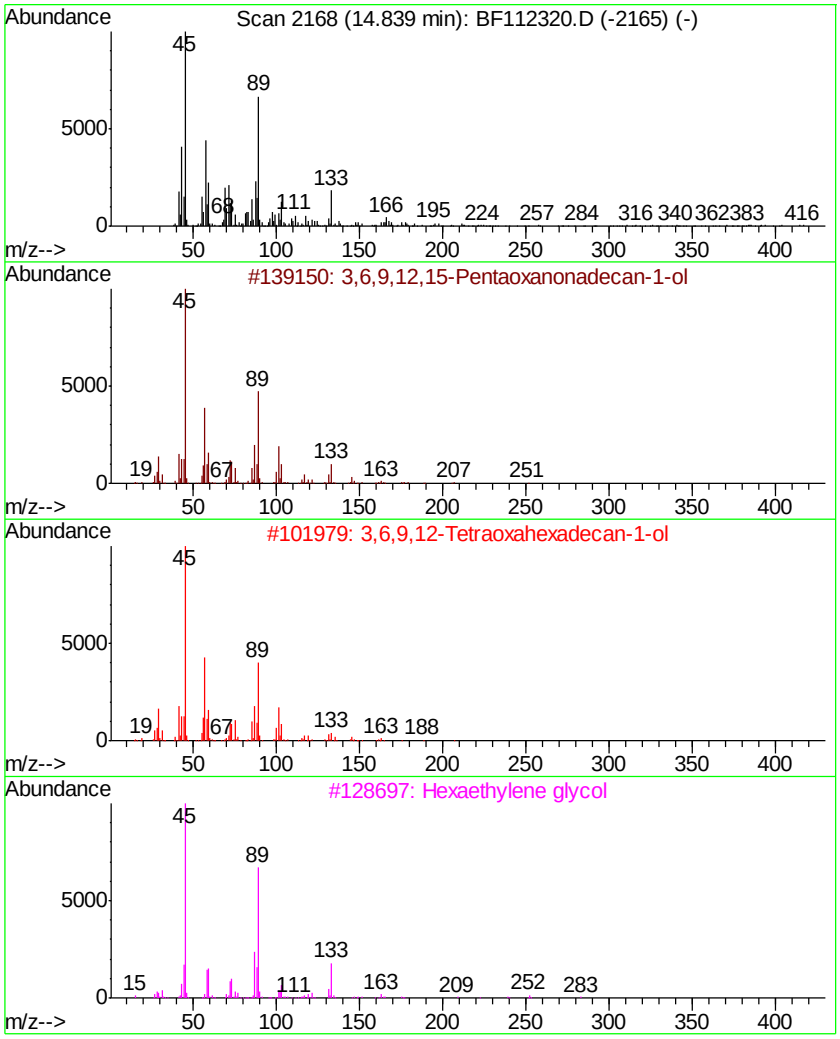

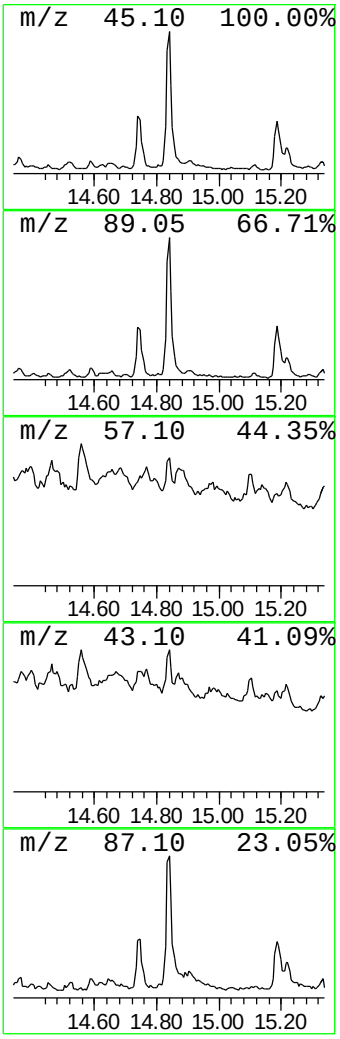

Tentatively Identified Compound (LSC) summary

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Data File : BF112320.D
Acq On : 30 Jan 2019 14:31
Operator : JU/SJ
Sample : K1250-04 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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
2-Pentanol, 4-met...	3.78	7.4	ng	218690	1	6.84	590237	20.0
unknown6.62	6.62	14.0	ng	412766	1	6.84	590237	20.0
7-Octen-2-ol, 2,6...	7.24	14.6	ng	429950	1	6.84	590237	20.0
Hexanoic acid, 2-...	7.55	12.1	ng	450159	2	8.12	742931	20.0
Ethanol, 2-phenoxy-	8.29	152.0	ng	5645090	2	8.12	742931	20.0
1-Dodecanol	9.67	15.8	ng	888043	3	9.87	1123220	20.0
N-Dodecylmethylamine	9.97	9.2	ng	514347	3	9.87	1123220	20.0
1-Undecanol	10.19	8.3	ng	465698	3	9.87	1123220	20.0
unknown10.73	10.73	8.5	ng	260100	4	11.36	614393	20.0
Tetradonium Bromide	10.80	17.0	ng	520926	4	11.36	614393	20.0
Hexadecanoic acid...	11.75	6.9	ng	212057	4	11.36	614393	20.0
Ethanol, 2-[2-(2-...	11.92	6.8	ng	210490	4	11.36	614393	20.0
unknown12.05	12.05	10.6	ng	323986	4	11.36	614393	20.0
Octadecane	12.44	10.5	ng	323463	4	11.36	614393	20.0
Octadecanoic acid	12.67	13.8	ng	424949	4	11.36	614393	20.0
Tetradecane	13.07	11.1	ng	596185	5	14.00	1078850	20.0
Triethylene glyco...	13.43	6.9	ng	372042	5	14.00	1078850	20.0
3,6,9,12,15-Penta...	14.84	12.7	ng	580024	6	15.48	911715	20.0