LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
Data File : BF097011.D
Acq On : 25 Jul 2017 3:17
Operator : SJ/JU
Sample : I4360-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CEMETERY-11-(0-2)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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	4.663	468	472	486	rVB	242237	364951	12.26%	1.293%
2	5.122	545	550	568	rBV	2571257	2739308	92.05%	9.708%
3	6.181	725	730	741	rBV	2639744	2975815	100.00%	10.547%
4	6.286	744	748	752	rBV	2803871	2819132	94.73%	9.991%
5	6.510	783	786	795	rVB	877384	830268	27.90%	2.943%
6	6.598	797	801	806	rBV	37649	33592	1.13%	0.119%
7	6.669	809	813	817	rBV	2212250	2102654	70.66%	7.452%
8	7.080	878	883	886	rBV	1914865	1839690	61.82%	6.520%
9	7.798	1001	1005	1008	rVB	1154542	1059833	35.61%	3.756%
10	8.874	1183	1188	1191	rBV	2788108	2656882	89.28%	9.416%
11	9.269	1252	1255	1261	rVB	304058	261131	8.78%	0.925%
12	9.539	1296	1301	1305	rBV2	1150391	1024717	34.43%	3.632%
13	9.998	1376	1379	1381	rBV	66857	55137	1.85%	0.195%
14	10.216	1410	1416	1418	rBV	31715	42649	1.43%	0.151%
15	10.327	1428	1435	1438	rBV	1455965	1379771	46.37%	4.890%
16	10.469	1455	1459	1465	rBV2	148196	203539	6.84%	0.721%
17	10.521	1465	1468	1471	rVV	227454	216988	7.29%	0.769%
18	10.557	1471	1474	1477	rVV2	254964	296901	9.98%	1.052%
19	10.586	1477	1479	1482	rVV2	229337	246842	8.29%	0.875%
20	10.610	1482	1483	1486	rVV	121905	99600	3.35%	0.353%
21	10.657	1486	1491	1495	rVV2	96154	188503	6.33%	0.668%
22	10.698	1495	1498	1502	rVV3	175705	221158	7.43%	0.784%
23	10.739	1502	1505	1510	rVV	240283	298348	10.03%	1.057%
24	10.774	1510	1511	1516	rVB	123754	107726	3.62%	0.382%
25	10.910	1529	1534	1538	rBV3	51030	65568	2.20%	0.232%
26	11.016	1545	1552	1555	rBV	962912	848137	28.50%	3.006%
27	11.533	1635	1640	1644	rBV2	108341	125772	4.23%	0.446%
28	11.574	1644	1647	1653	rVB2	308605	292009	9.81%	1.035%
29	12.221	1754	1757	1760	rBV	59349	55254	1.86%	0.196%
30	12.268	1762	1765	1772	rVV8	38751	63472	2.13%	0.225%
31	12.351	1777	1779	1786	rBV5	56700	85771	2.88%	0.304%
32	12.445	1791	1795	1799	rBV	117479	121461	4.08%	0.430%
33	12.486	1799	1802	1806	rBV	141829	152461	5.12%	0.540%
34	12.598	1817	1821	1825	rBV	1757925	1671932	56.18%	5.926%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
Data File : BF097011.D
Acq On : 25 Jul 2017 3:17
Operator : SJ/JU
Sample : I4360-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CEMETERY-11-(0-2)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.080	1900	1903	1905	rVB	57279	47767	1.61%	0.169%
36	13.145	1912	1914	1916	rBV2	42699	39022	1.31%	0.138%
37	13.515	1974	1977	1982	rVB2	188736	248424	8.35%	0.880%
38	13.639	1994	1998	2001	rBV	768260	749819	25.20%	2.657%
39	13.839	2029	2032	2035	rBV	72839	71720	2.41%	0.254%
40	14.145	2081	2084	2093	rBV	206582	323967	10.89%	1.148%
41	14.433	2131	2133	2140	rBV3	82997	119168	4.00%	0.422%
42	14.727	2180	2183	2185	rBV	204315	231991	7.80%	0.822%
43	14.998	2225	2229	2235	rVB	498645	549292	18.46%	1.947%
44	15.415	2296	2300	2304	rBV	179258	287604	9.66%	1.019%

Sum of corrected areas: 28215746

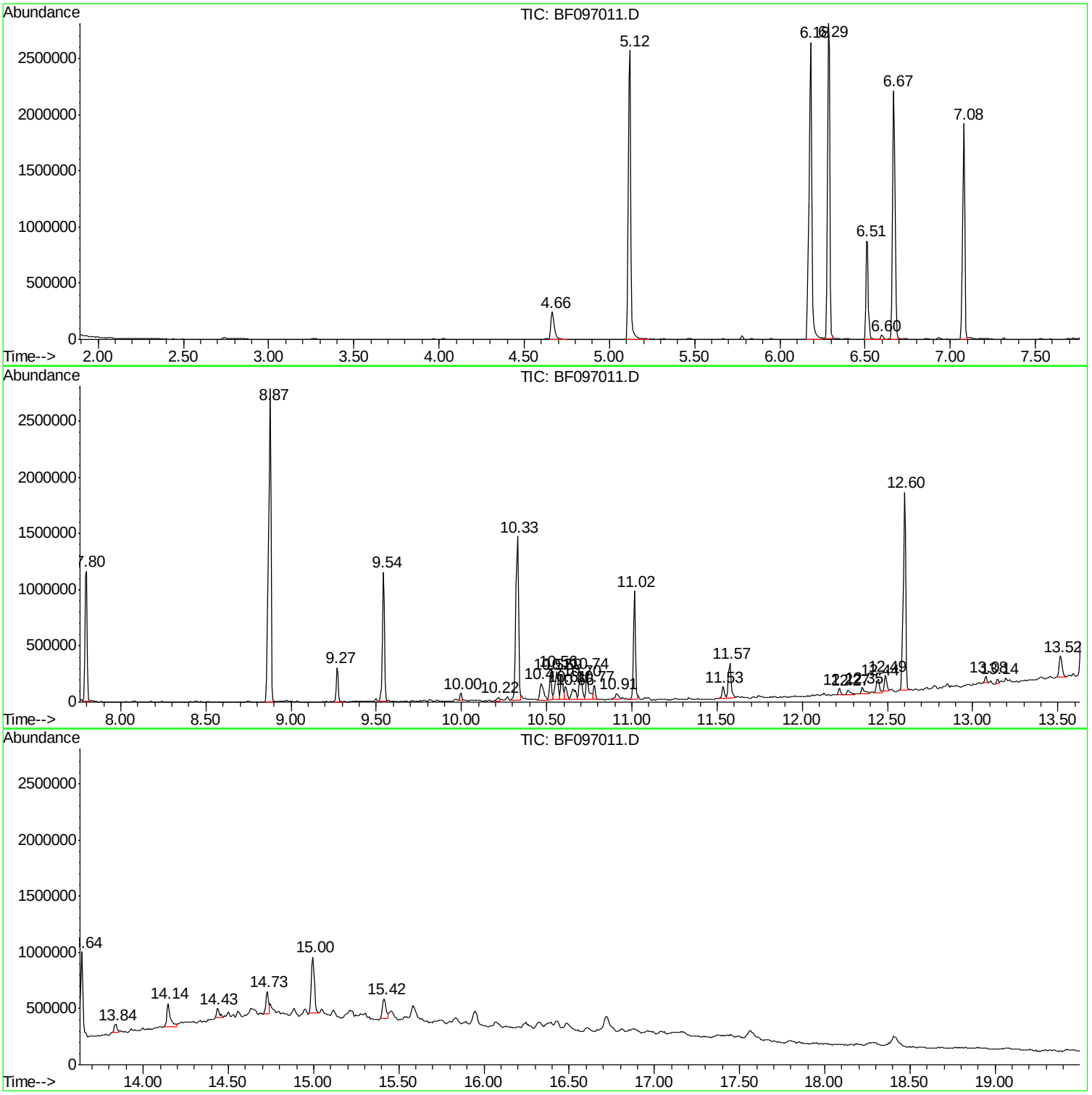
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
Data File : BF097011.D
Acq On : 25 Jul 2017 3:17
Operator : SJ/JU
Sample : I4360-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CEMETERY-11-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
Data File : BF097011.D
Acq On : 25 Jul 2017 3:17
Operator : SJ/JU
Sample : I4360-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CEMETERY-11-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

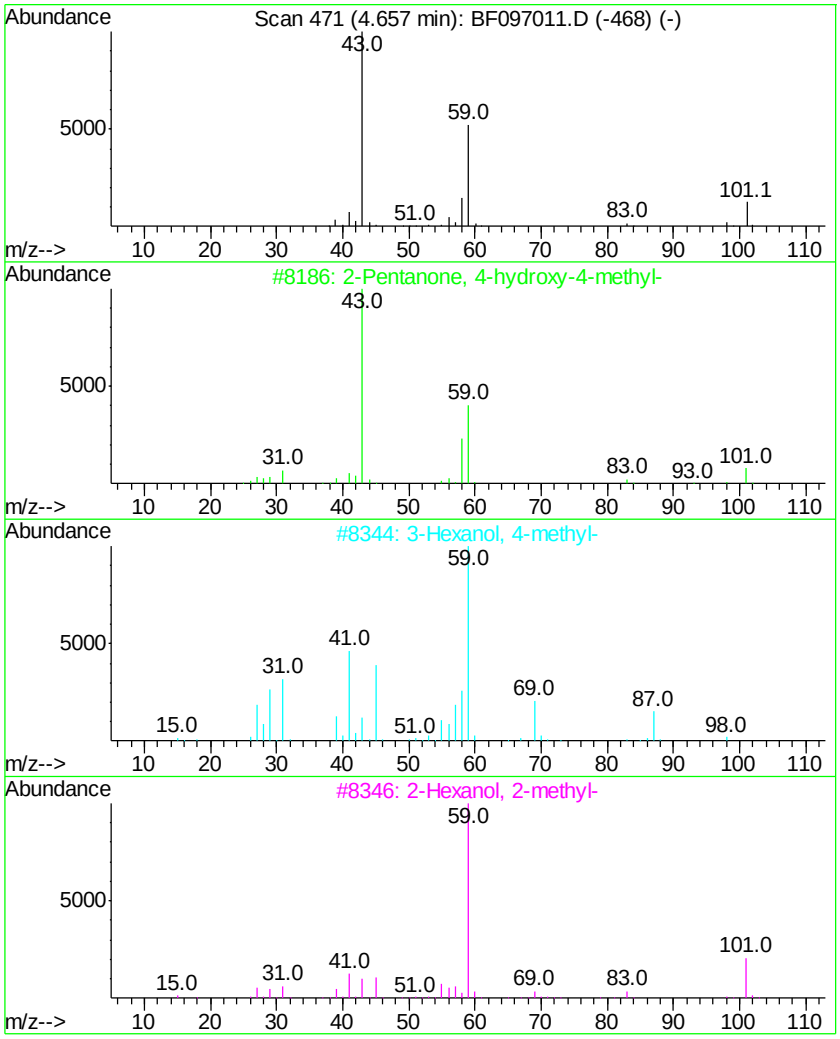
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

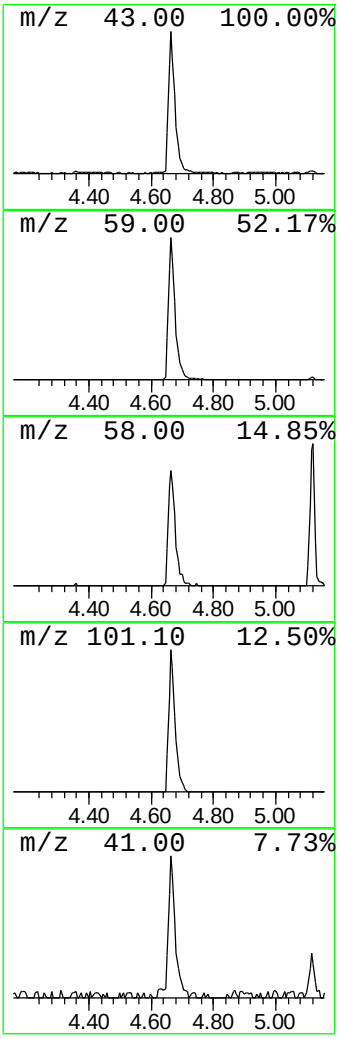
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.66	8.79 ng	364951	1,4-Dichlorobenzene-d4	6.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
Data File : BF097011.D
Acq On : 25 Jul 2017 3:17
Operator : SJ/JU
Sample : I4360-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CEMETERY-11-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

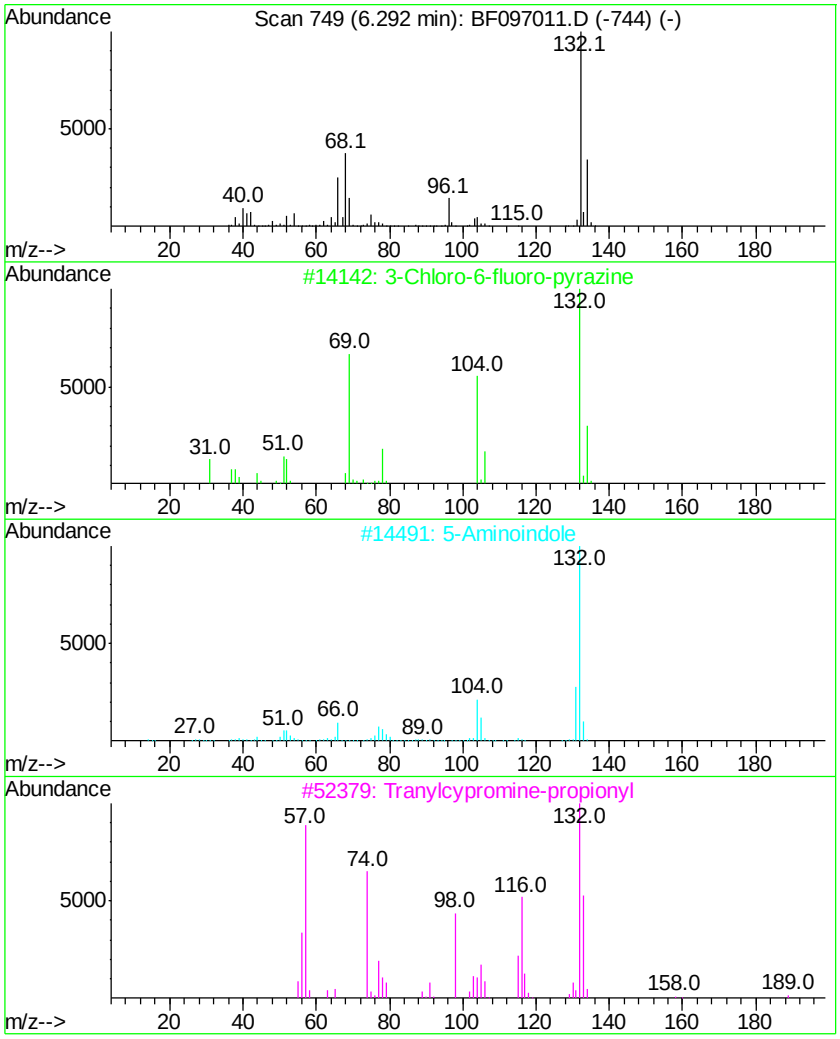
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

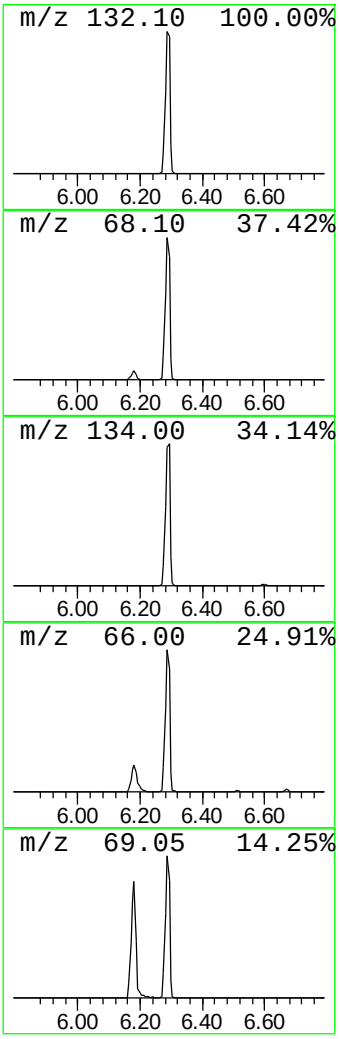
****

Peak Number 2 unknown6.29 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.29	67.91 ng	2819130	1,4-Dichlorobenzene-d4	6.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
Data File : BF097011.D
Acq On : 25 Jul 2017 3:17
Operator : SJ/JU
Sample : I4360-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CEMETERY-11-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

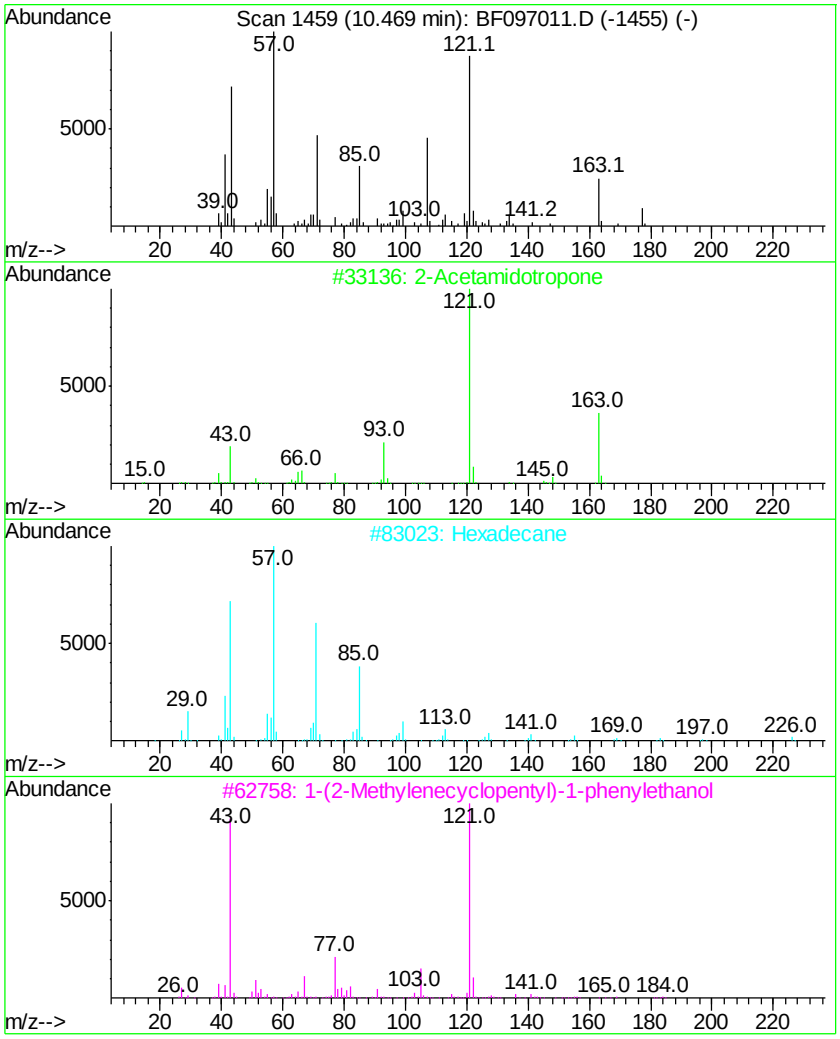
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

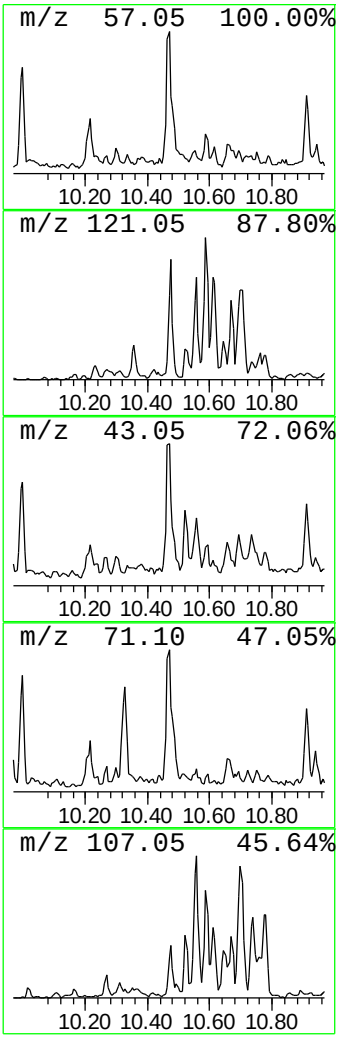
****

Peak Number 4 unknown10.47 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	4.80 ng	203539	Phenanthrene-d10	11.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Acetamidotropone	163	C9H9NO2	006422-12-4	27
2	Hexadecane	226	C16H34	000544-76-3	25
3	1-(2-Methylenecyclopentyl)-1-phe...	202	C14H18O	1000195-45-2	22
4	Tetracosane	338	C24H50	000646-31-1	18
5	Heneicosane	296	C21H44	000629-94-7	18





Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
Data File : BF097011.D
Acq On : 25 Jul 2017 3:17
Operator : SJ/JU
Sample : I4360-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CEMETERY-11-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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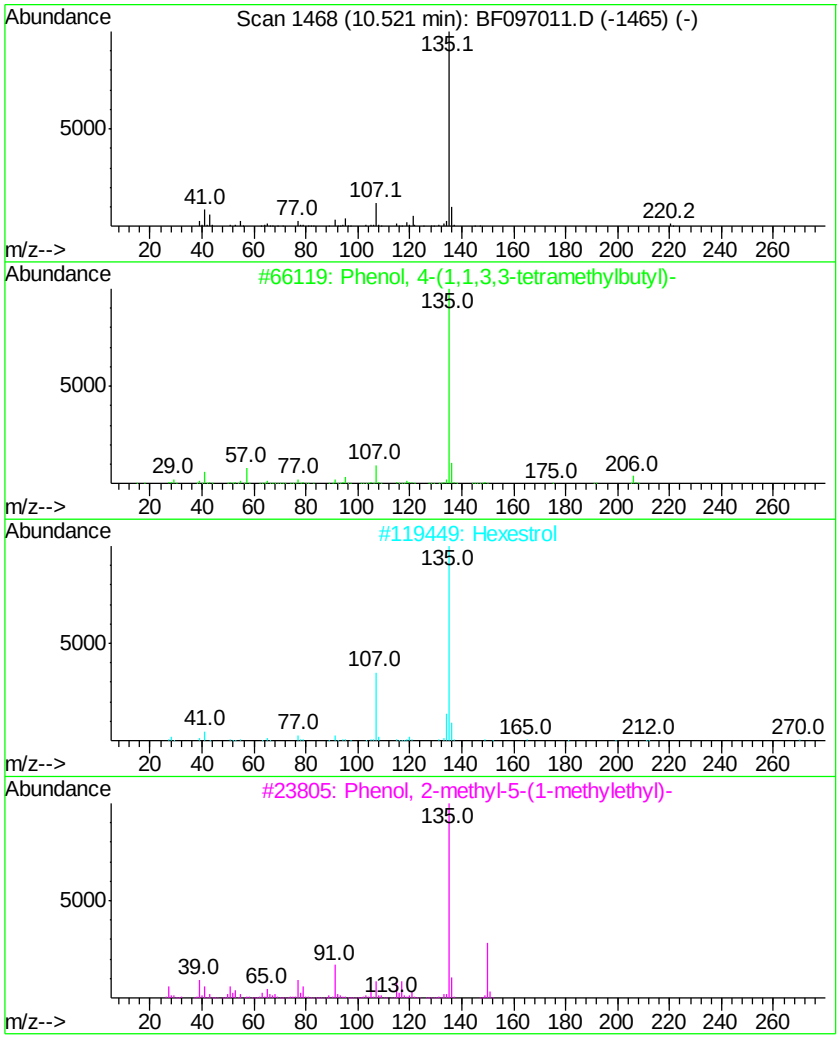
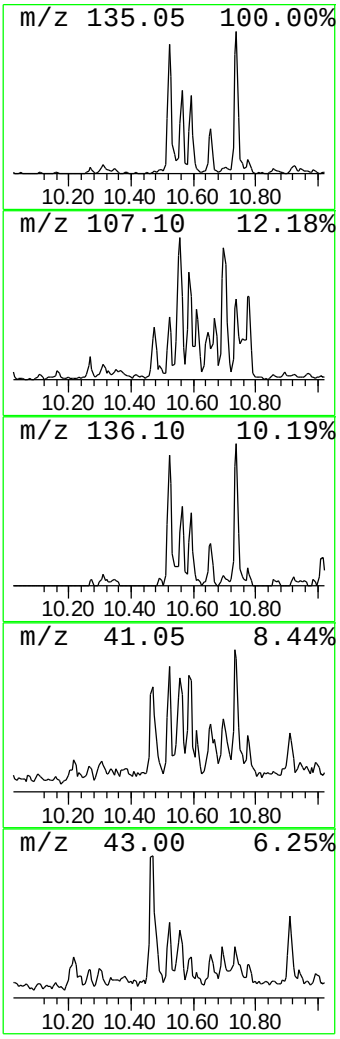
Peak Number 5 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	5.12 ng	216988	Phenanthrene-d10	11.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Hexestrol	270	C18H22O2	000084-16-2	72
3	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	64
4	1,3-Benzenediol, o-(2-furoyl)-o'...	338	C19H14O6	1000330-77-5	64
5	Benzoic acid, 4-methoxy-, diethy...	220	C12H17BO3	146681-61-0	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
Data File : BF097011.D
Acq On : 25 Jul 2017 3:17
Operator : SJ/JU
Sample : I4360-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CEMETERY-11-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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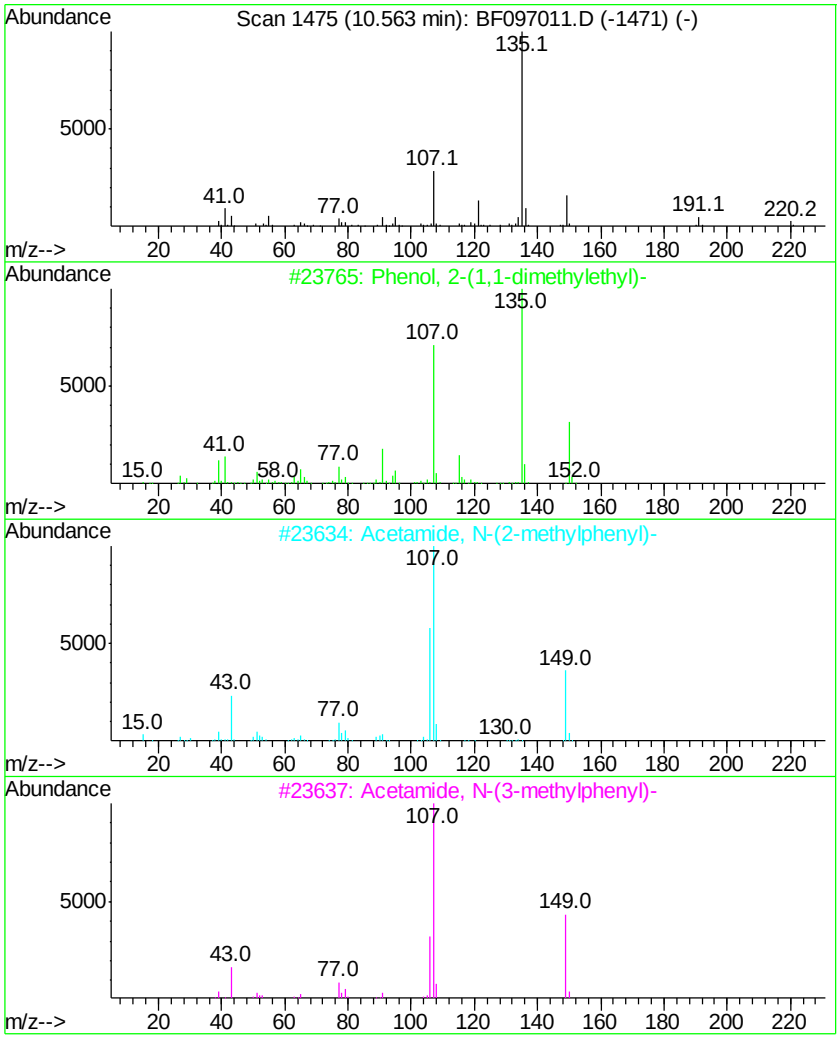
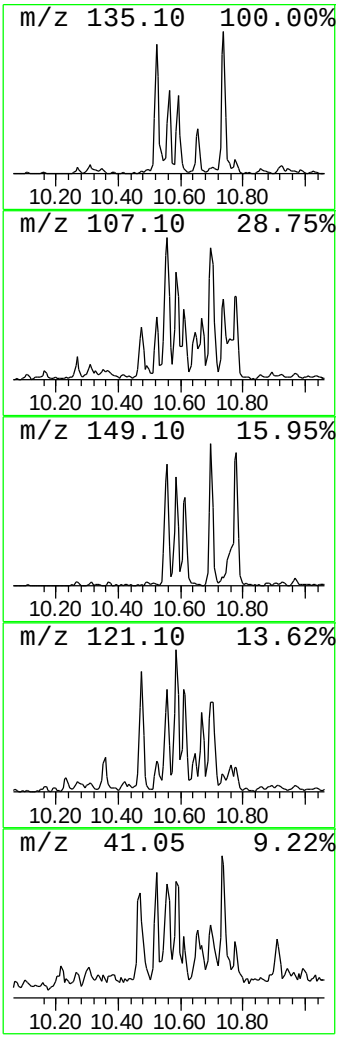
Peak Number 6 unknown10.56 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	7.00 ng	296901	Phenanthrene-d10	11.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	49
2	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	43
3	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	43
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	38
5	Acetamide, N-(4-methylphenyl)-	149	C9H11NO	000103-89-9	30





Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
Data File : BF097011.D
Acq On : 25 Jul 2017 3:17
Operator : SJ/JU
Sample : I4360-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CEMETERY-11-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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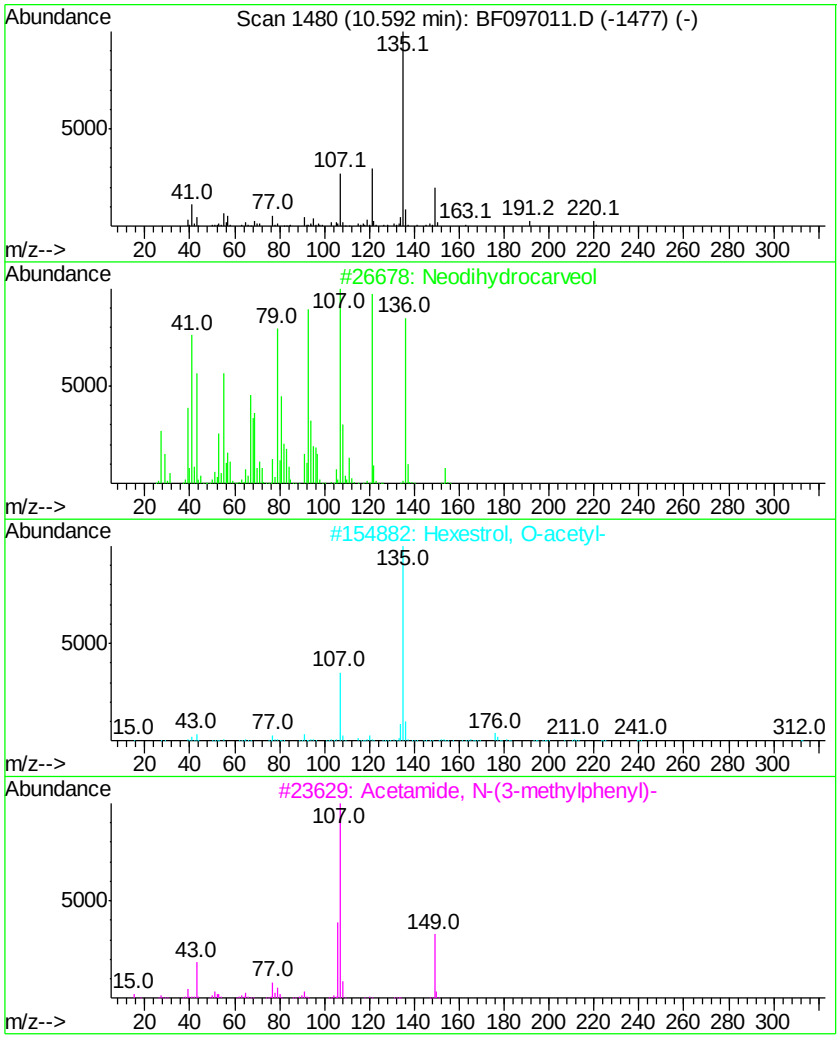
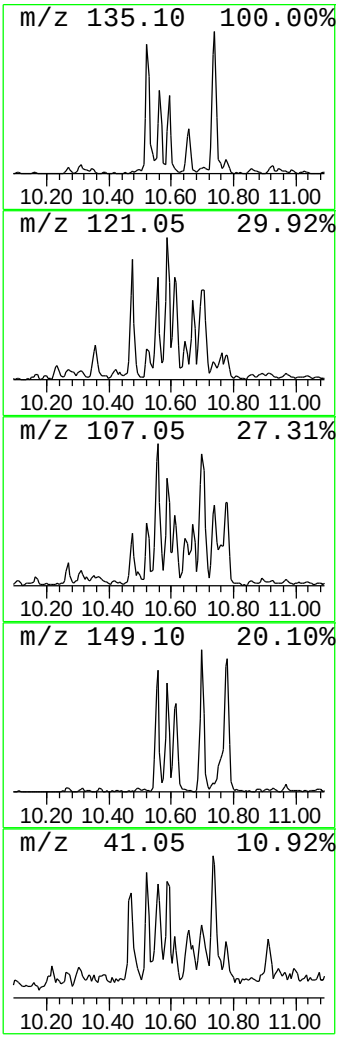
Peak Number 7 unknown10.59 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	5.82 ng	246842	Phenanthrene-d10	11.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Neodihydrocarveol	154	C10H18O	018675-34-8	35
2	Hexestrol, O-acetyl-	312	C20H24O3	1000374-87-8	35
3	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	27
4	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	27
5	4-Methyl-2-tert-octylphenol	220	C15H24O	004979-46-8	25





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Data File : BF097011.D
Acq On : 25 Jul 2017 3:17
Operator : SJ/JU
Sample : I4360-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CEMETERY-11-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

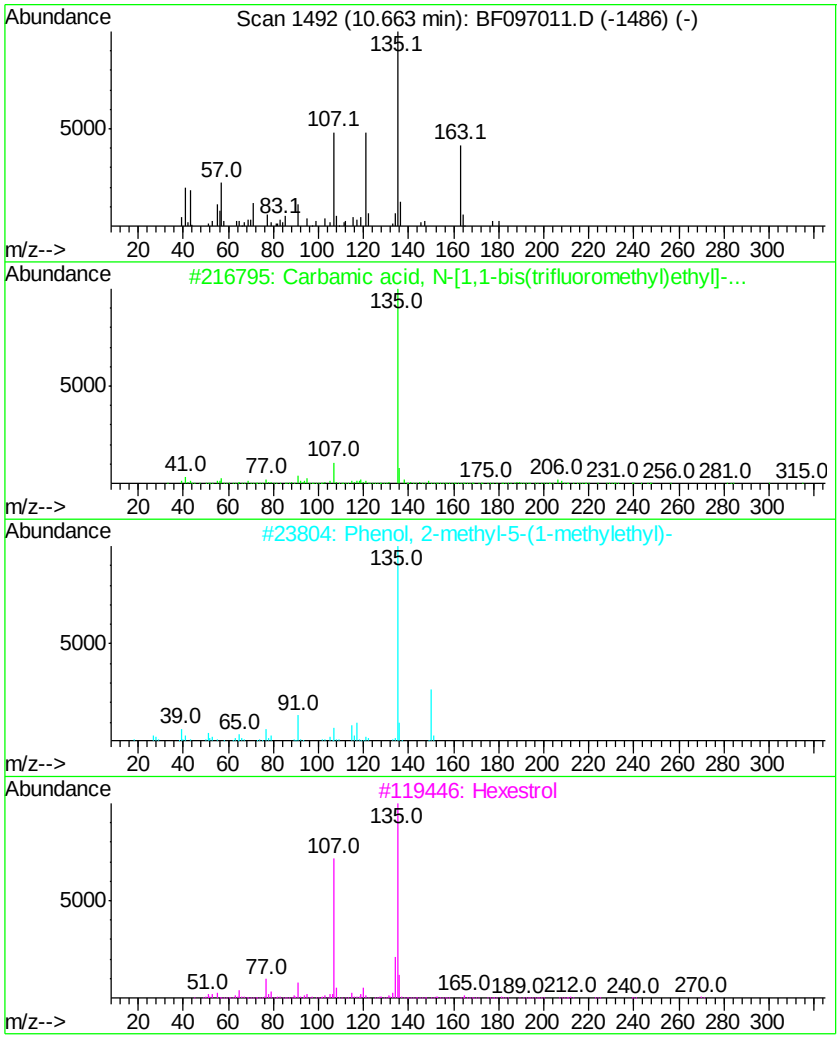
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

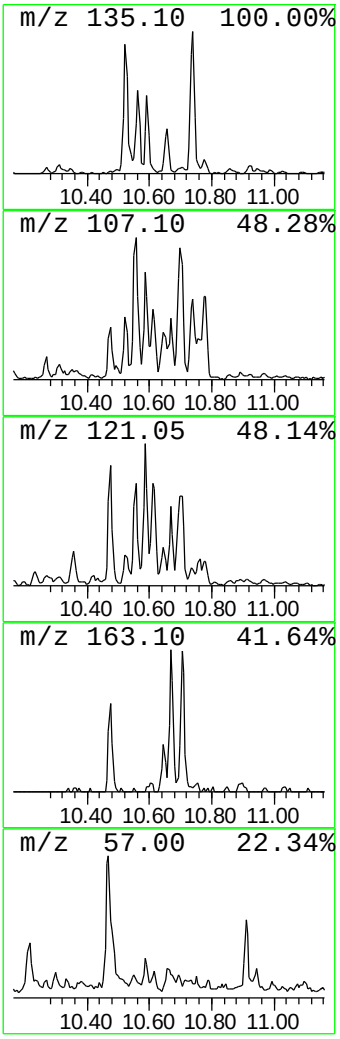
****

Peak Number 8 Carbamic acid, N-[1,1-bis(t... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	4.45 ng	188503	Phenanthrene-d10	11.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	72
2	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	72
3	Hexestrol	270	C18H22O2	000084-16-2	50
4	5-Bromovaleric acid, 1-adamantyl...	328	C16H25BrO2	1000299-98-2	50
5	m-Anisic acid, tridec-2-ynyl ester	330	C21H30O3	1000292-59-9	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
Data File : BF097011.D
Acq On : 25 Jul 2017 3:17
Operator : SJ/JU
Sample : I4360-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CEMETERY-11-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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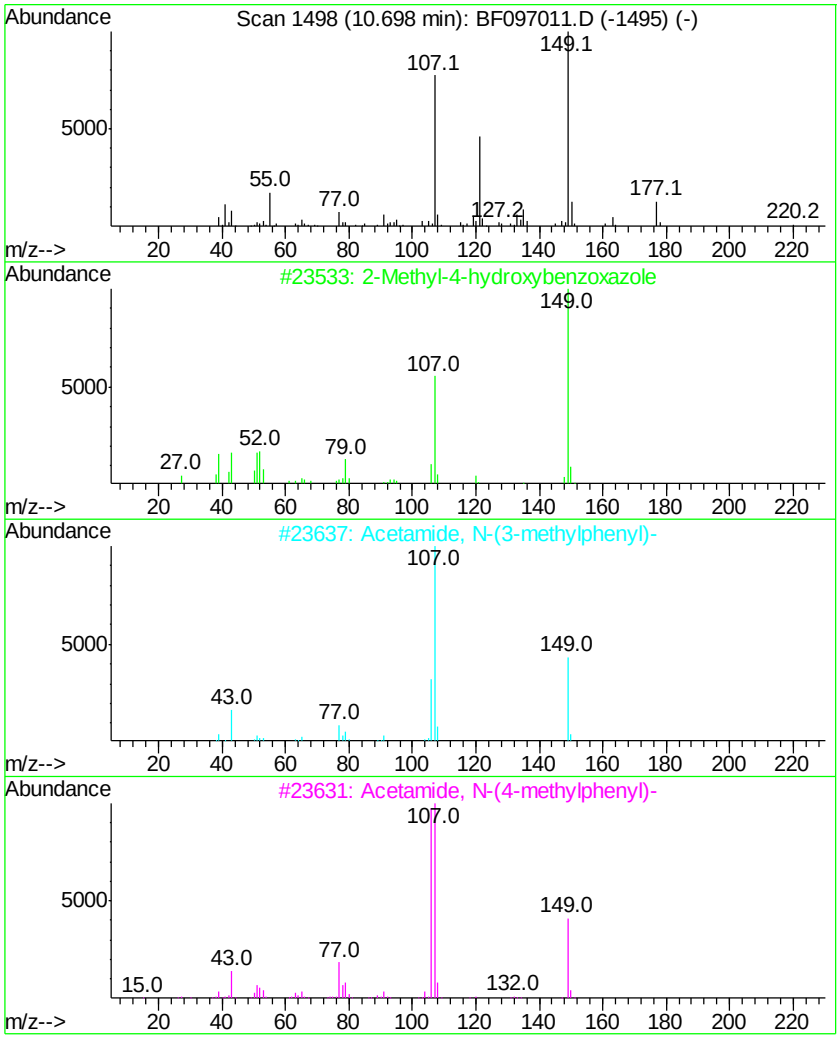
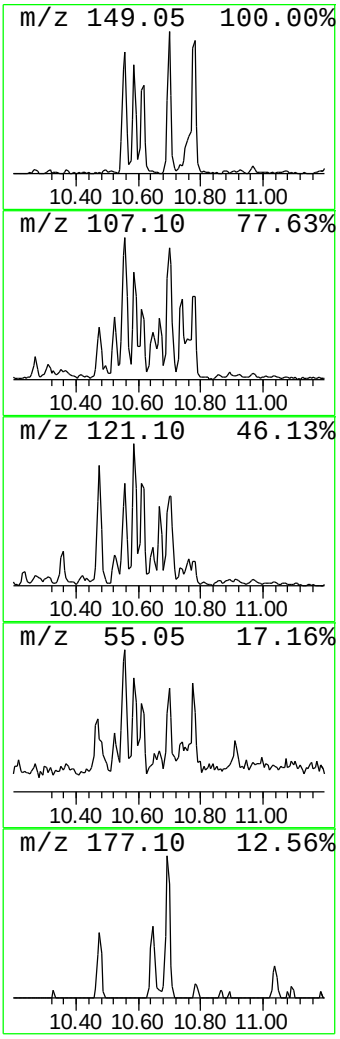
Peak Number 9 2-Methyl-4-hydroxybenzoxazole Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	5.22 ng	221158	Phenanthrene-d10	11.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	64
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	64
3	Acetamide, N-(4-methylphenyl)-	149	C9H11NO	000103-89-9	47
4	Phenol, 4-(2-methylpropyl)-	150	C10H14O	004167-74-2	46
5	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	38





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Data File : BF097011.D
Acq On : 25 Jul 2017 3:17
Operator : SJ/JU
Sample : I4360-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CEMETERY-11-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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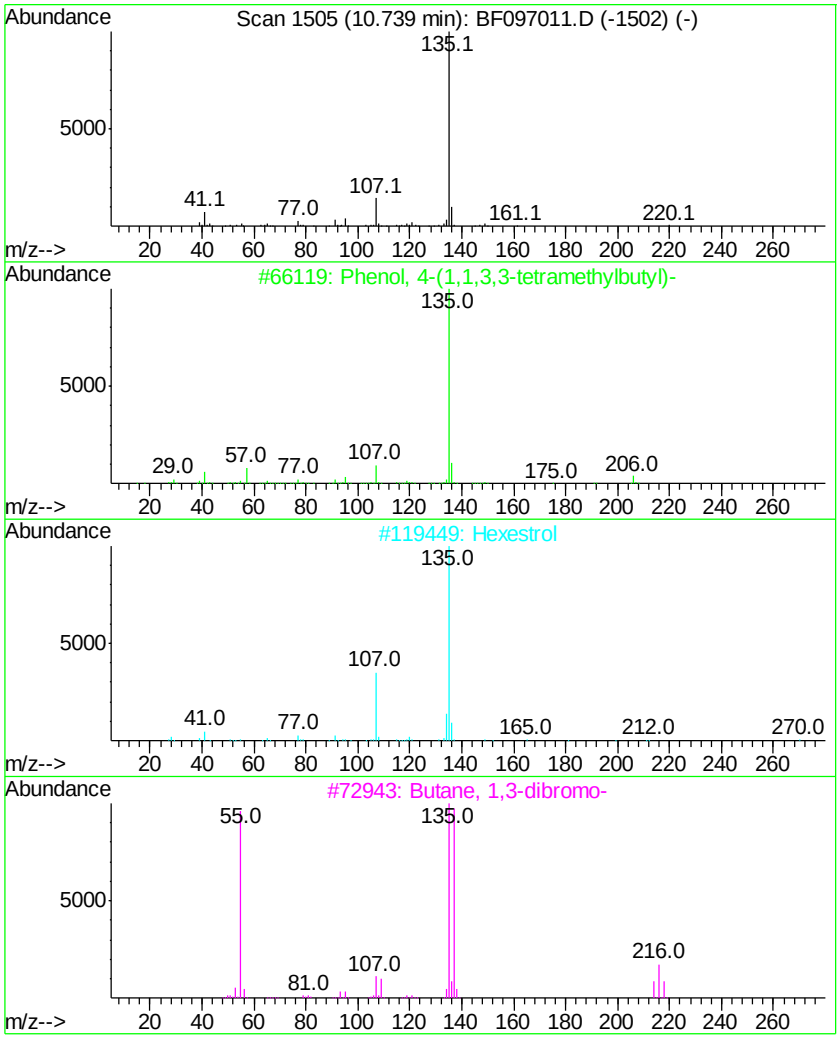
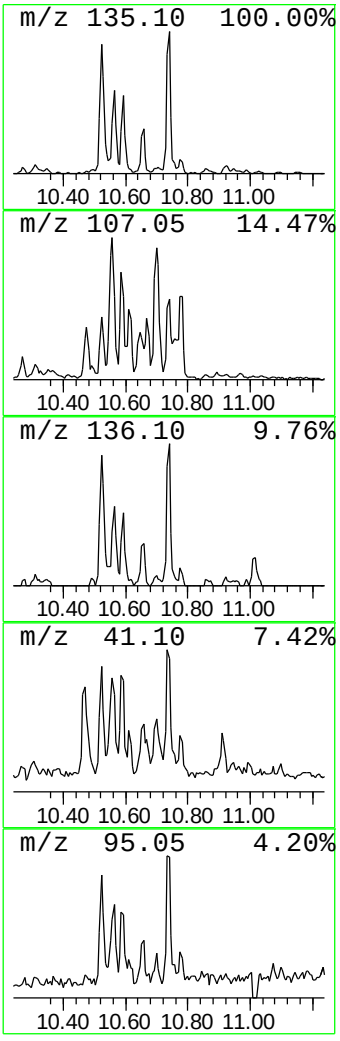
Peak Number 10 Hexestrol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	7.04 ng	298348	Phenanthrene-d10	11.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Hexestrol	270	C18H22O2	000084-16-2	72
3	Butane, 1,3-dibromo-	214	C4H8Br2	000107-80-2	64
4	1,3-Benzenediol, o-(2-furoyl)-o'...	338	C19H14O6	1000330-77-5	64
5	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	64





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Acq On : 25 Jul 2017 3:17
Operator : SJ/JU
Sample : I4360-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CEMETERY-11-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

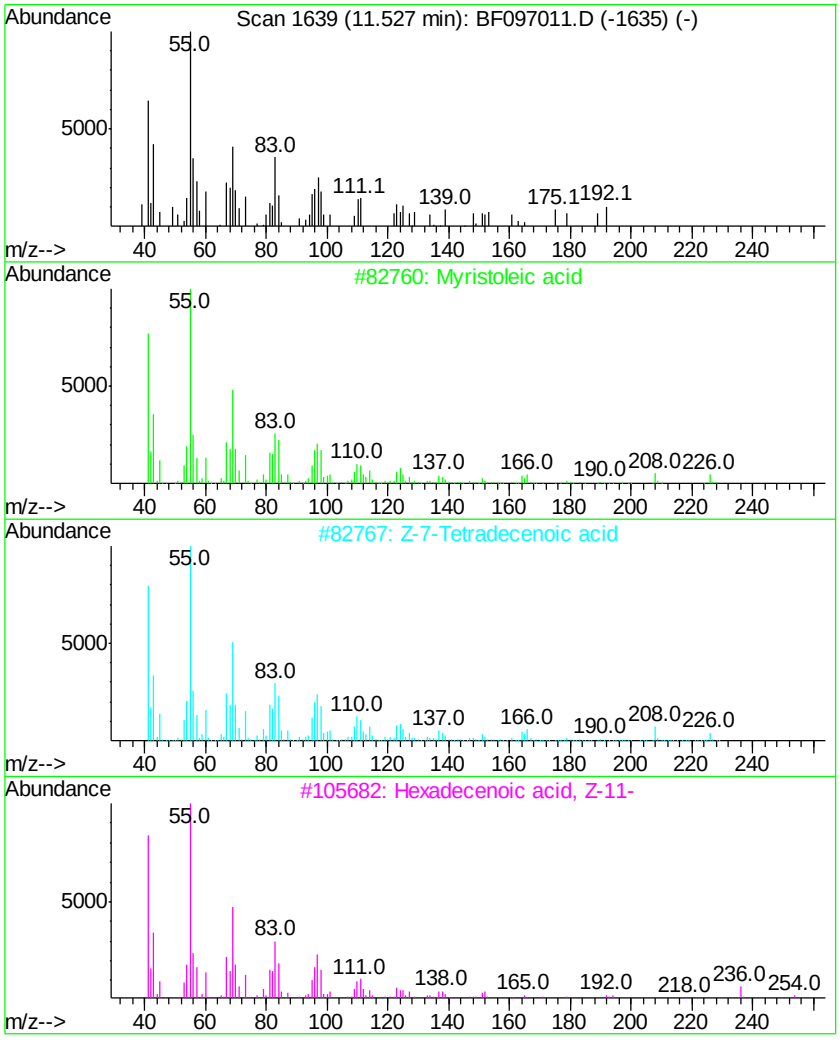
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

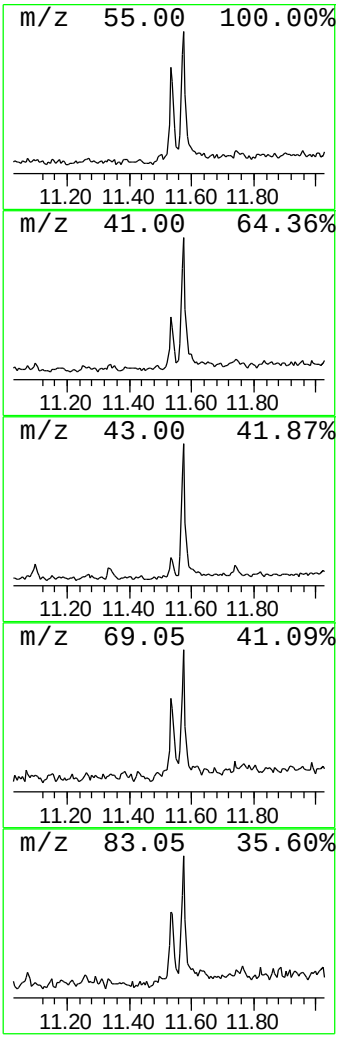
****

Peak Number 12 Myristoleic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	2.97 ng	125772	Phenanthrene-d10	11.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Myristoleic acid	226	C14H26O2	000544-64-9	91
2	Z-7-Tetradecenoic acid	226	C14H26O2	1000130-98-4	91
3	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	91
4	Palmitoleic acid	254	C16H30O2	000373-49-9	90
5	Z-8-Methyl-9-tetradecenoic acid	240	C15H28O2	1000130-84-5	90





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Acq On : 25 Jul 2017 3:17
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Sample : I4360-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CEMETERY-11-(0-2)

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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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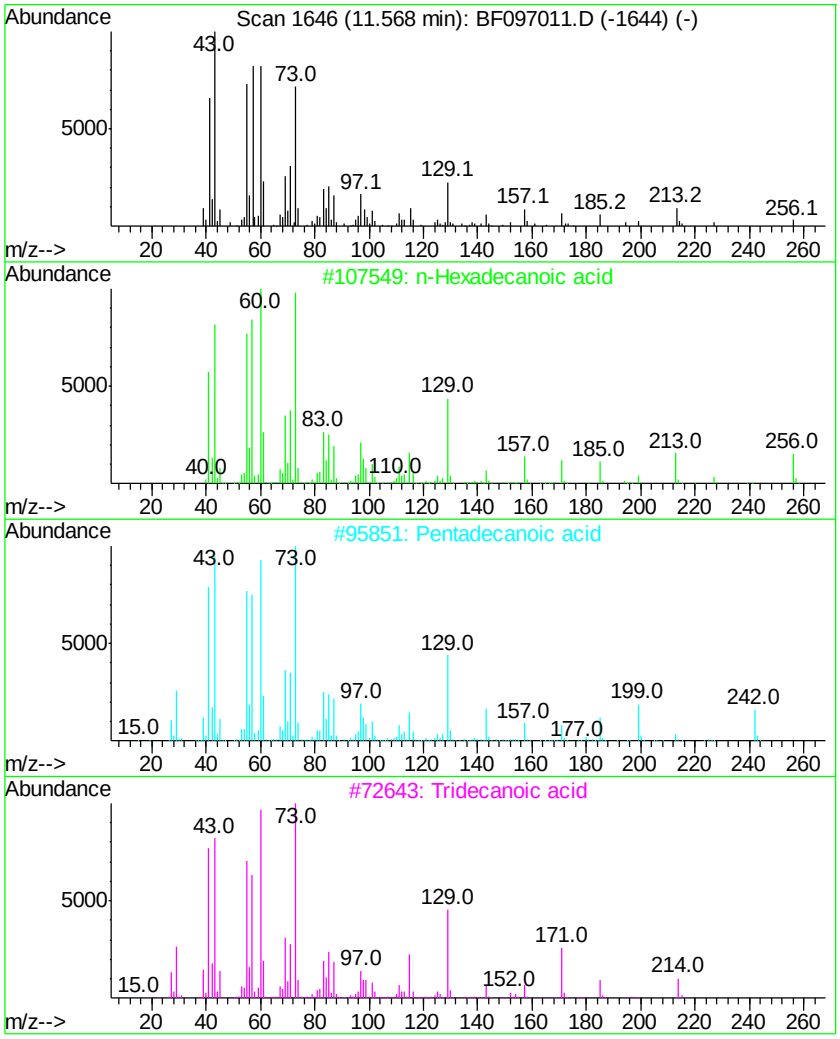
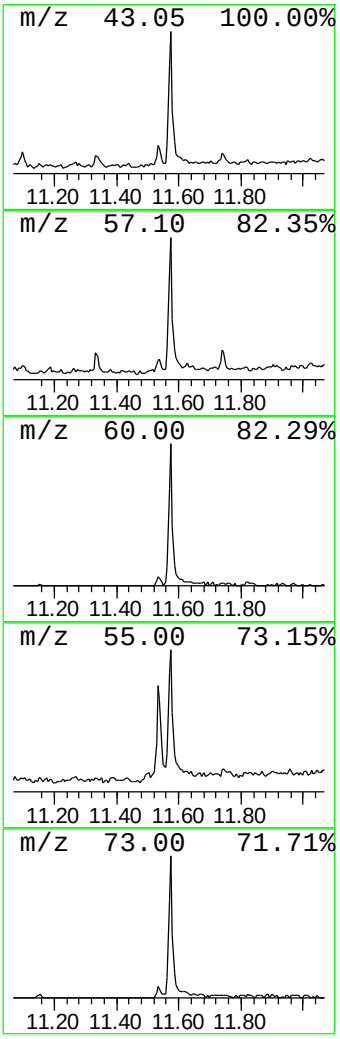
Peak Number 13 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	6.89 ng	292009	Phenanthrene-d10	11.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Dodecanoic acid	200	C12H24O2	000143-07-7	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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Operator : SJ/JU
Sample : I4360-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CEMETERY-11-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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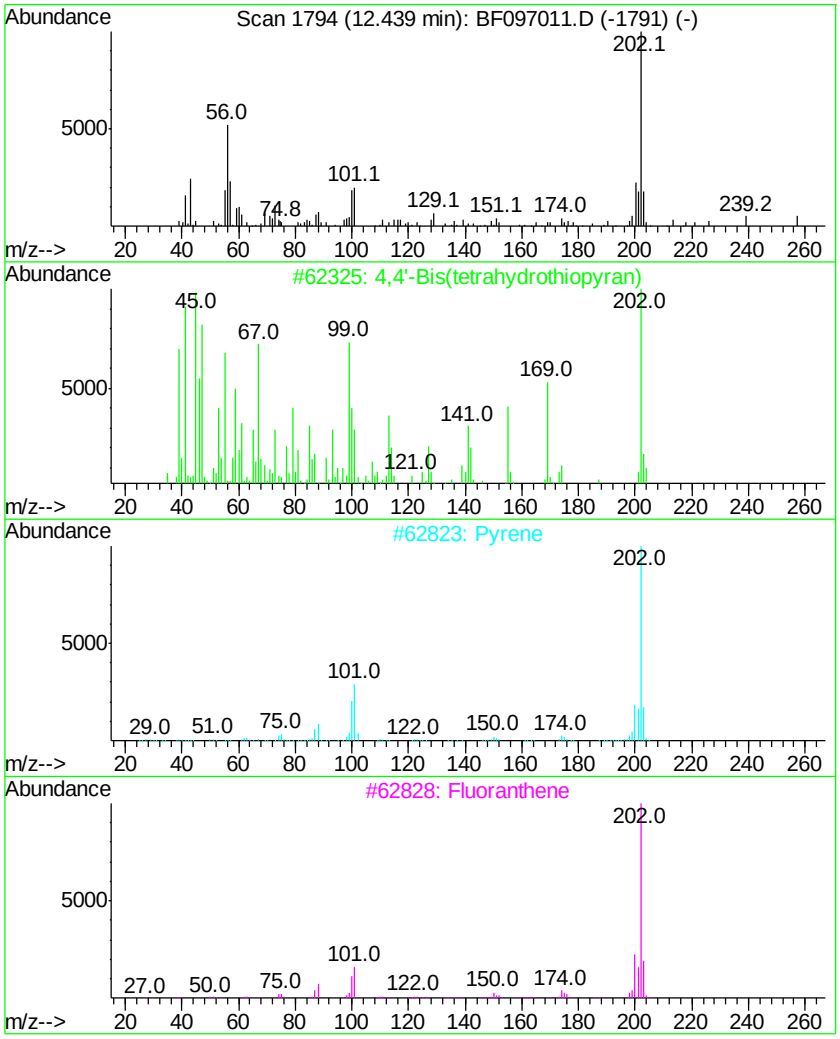
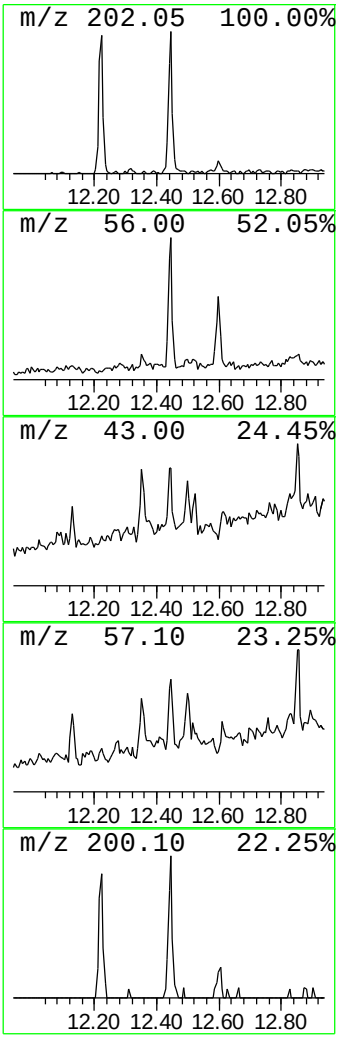
Peak Number 14 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	3.24 ng	121461	Chrysene-d12	13.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	94
2	Pyrene	202	C16H10	000129-00-0	78
3	Fluoranthene	202	C16H10	000206-44-0	78
4	4,5-Dihydronaphtho(2,1-d)thiazol...	202	C11H10N2S	034176-49-3	38
5	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	38





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Sample : I4360-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CEMETERY-11-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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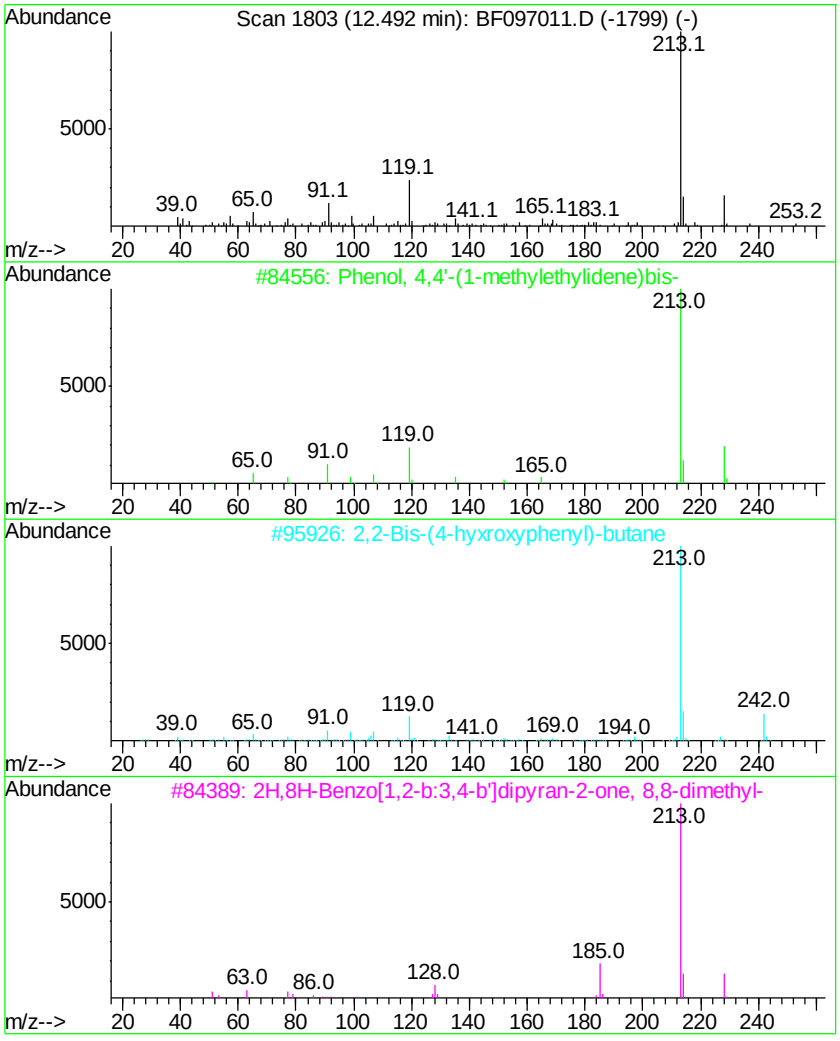
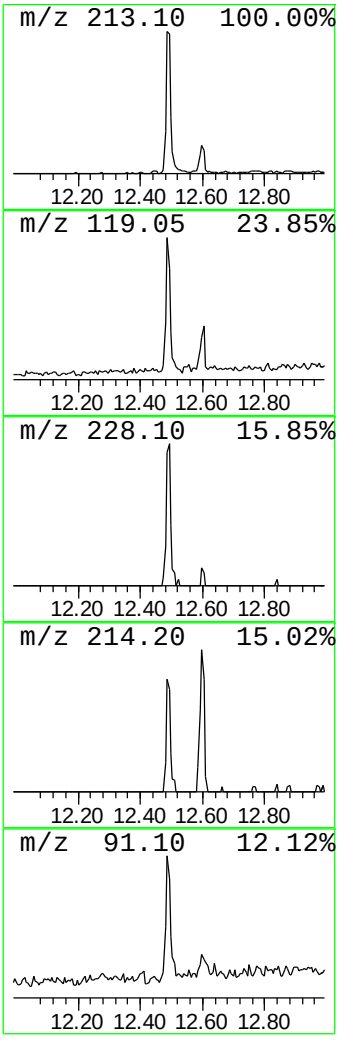
Peak Number 15 Phenol, 4,4'-(1-methylethyl... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	4.07 ng	152461	Chrysene-d12	13.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	94
2	2,2-Bis-(4-hyxroxyphenyl)-butane	242	C16H18O2	000077-40-7	59
3	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	53
4	9-Propanoyl-1,2,3,4,5,6,7,8-octa...	242	C17H22O	1000255-01-4	53
5	Imidazole, 5-trifluoromethyl-2-(...	213	C9H6F3N3	033468-83-6	50





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Acq On : 25 Jul 2017 3:17
Operator : SJ/JU
Sample : I4360-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CEMETERY-11-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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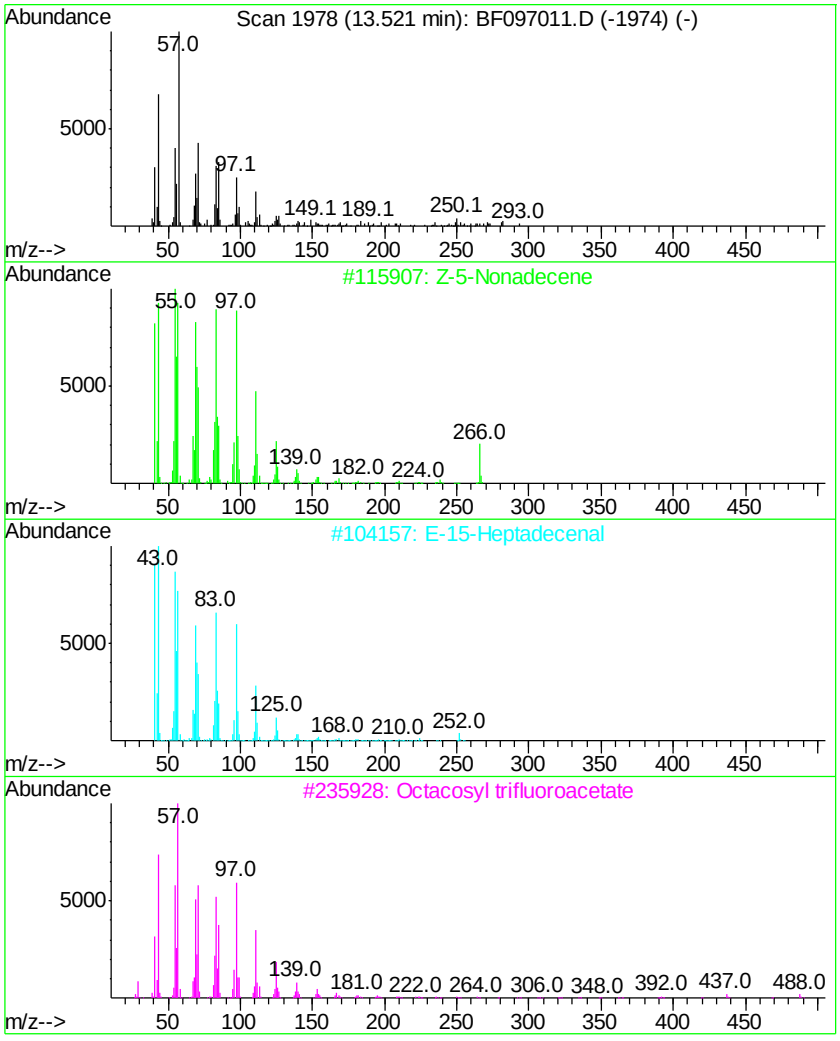
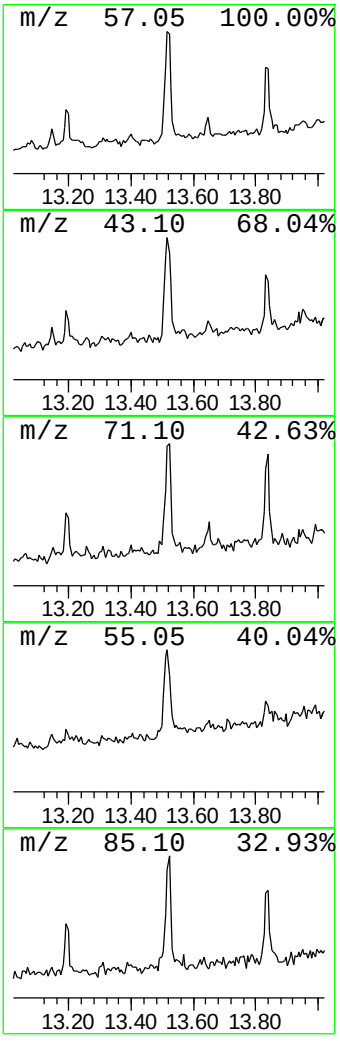
Peak Number 16 Z-5-Nonadecene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	6.63 ng	248424	Chrysene-d12	13.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-5-Nonadecene	266	C19H38	1000131-11-8	96
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	96
3	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
4	Hexacosyl pentafluoropropionate	528	C29H53F5O2	1000351-81-2	91
5	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91





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Acq On : 25 Jul 2017 3:17
Operator : SJ/JU
Sample : I4360-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CEMETERY-11-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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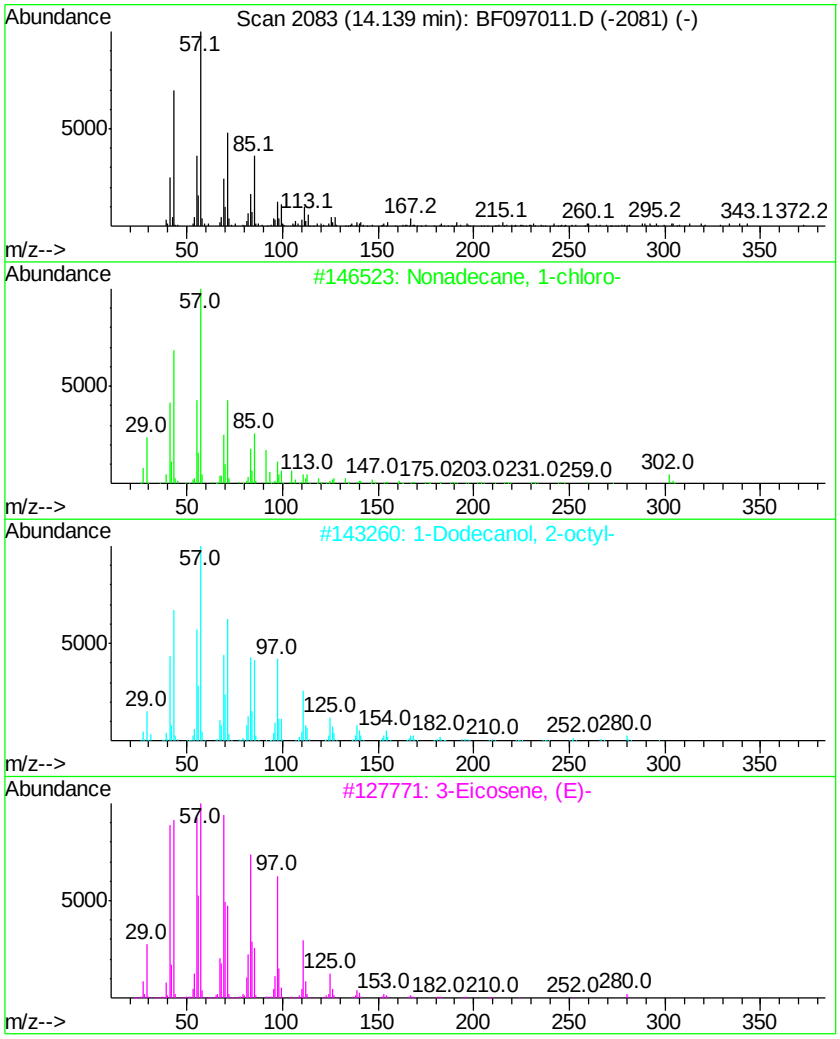
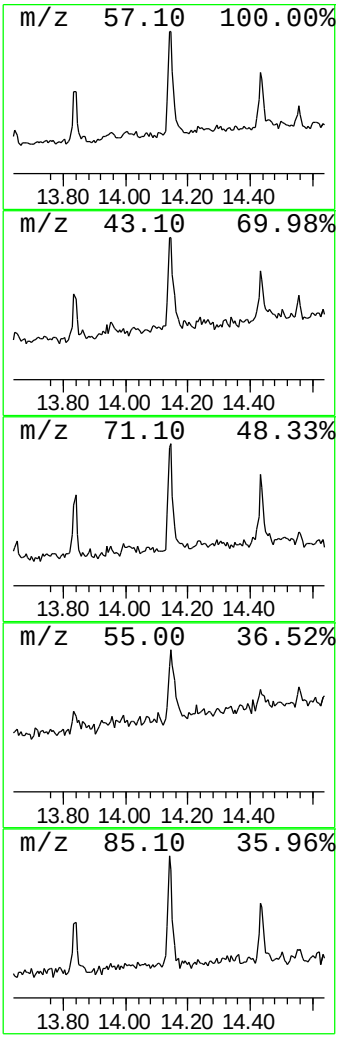
Peak Number 17 Nonadecane, 1-chloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	8.64 ng	323967	Chrysene-d12	13.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	90
2	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	90
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	89
4	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	83
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	83





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Sample : I4360-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CEMETERY-11-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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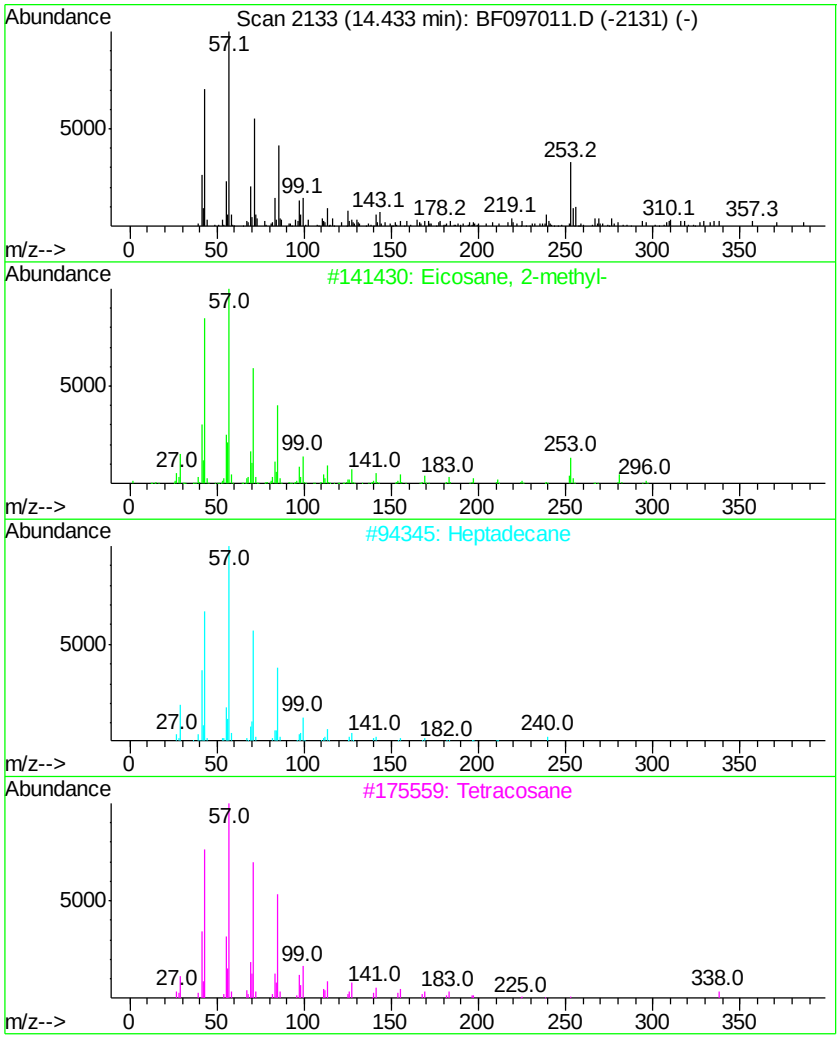
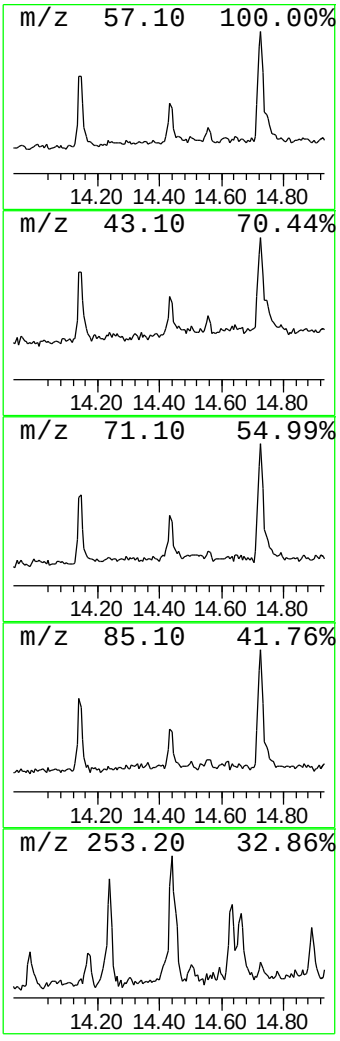
Peak Number 18 Eicosane, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	4.34 ng	119168	Perylene-d12	15.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 2-methyl-	296	C21H44	001560-84-5	72
2	Heptadecane	240	C17H36	000629-78-7	70
3	Tetracosane	338	C24H50	000646-31-1	64
4	Octacosane	394	C28H58	000630-02-4	64
5	Docosane	310	C22H46	000629-97-0	58





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Sample : I4360-01
Misc :
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Instrument : BNA_F
ClientSampleId : CEMETERY-11-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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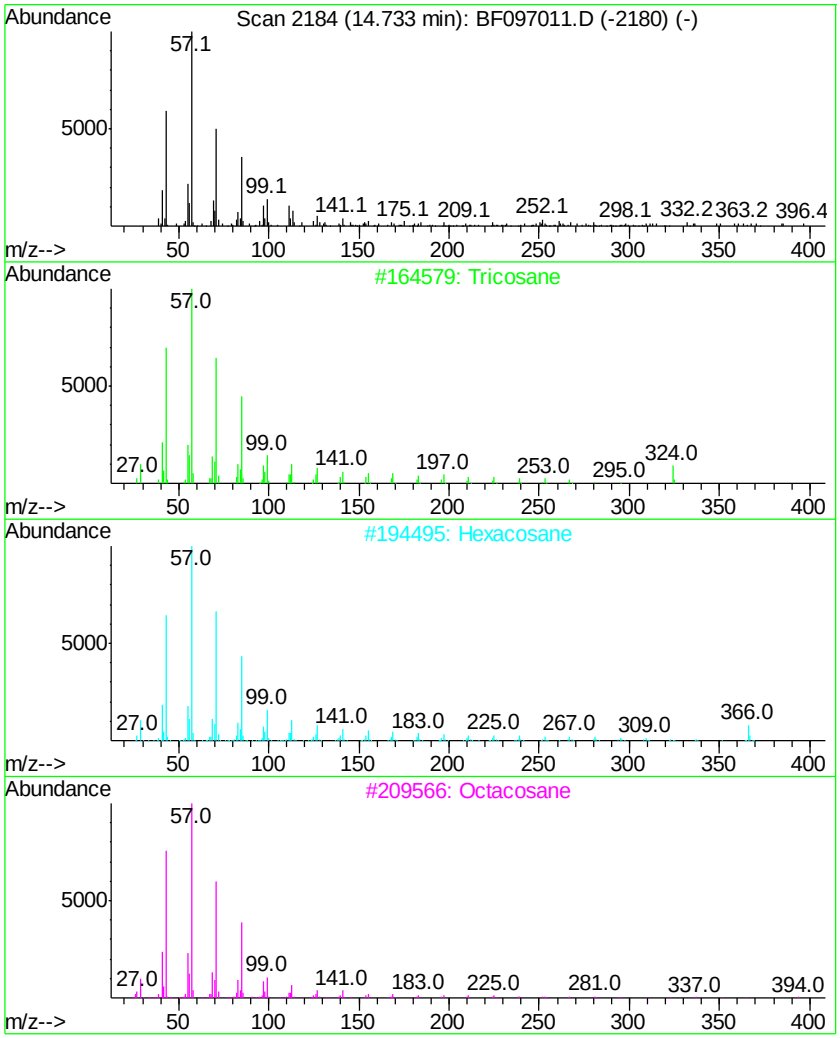
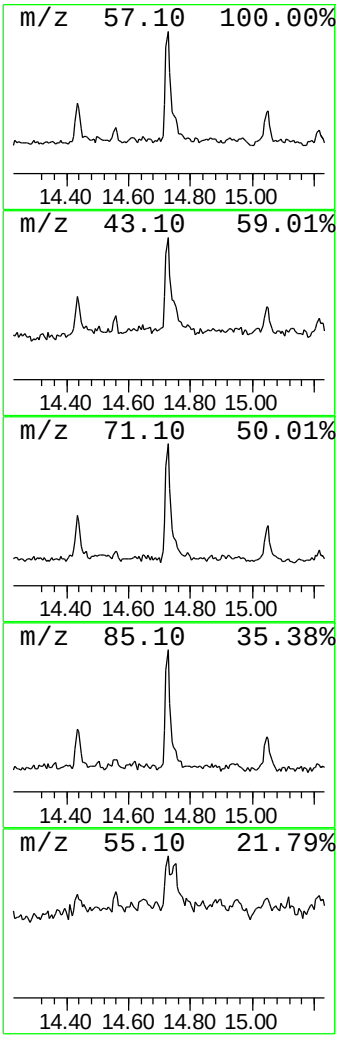
Peak Number 19 Tricosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	8.45 ng	231991	Perylene-d12	15.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	87
2	Hexacosane	366	C26H54	000630-01-3	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
Data File : BF097011.D
Acq On : 25 Jul 2017 3:17
Operator : SJ/JU
Sample : I4360-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CEMETERY-11-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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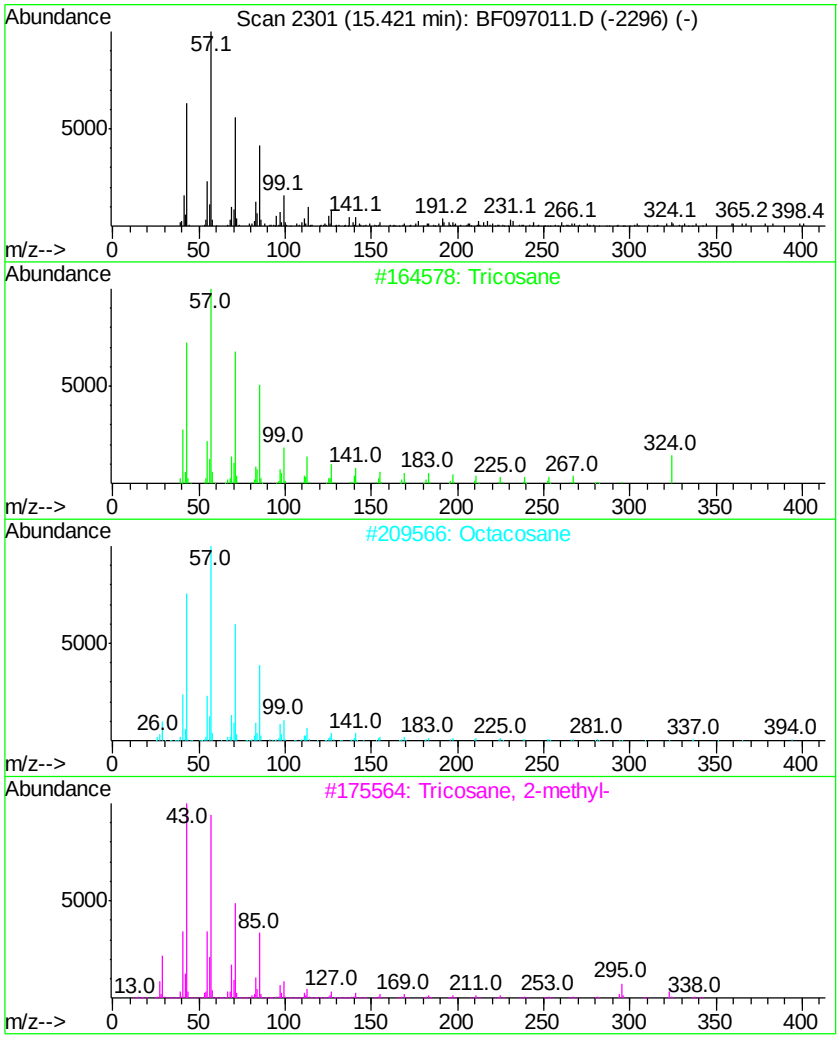
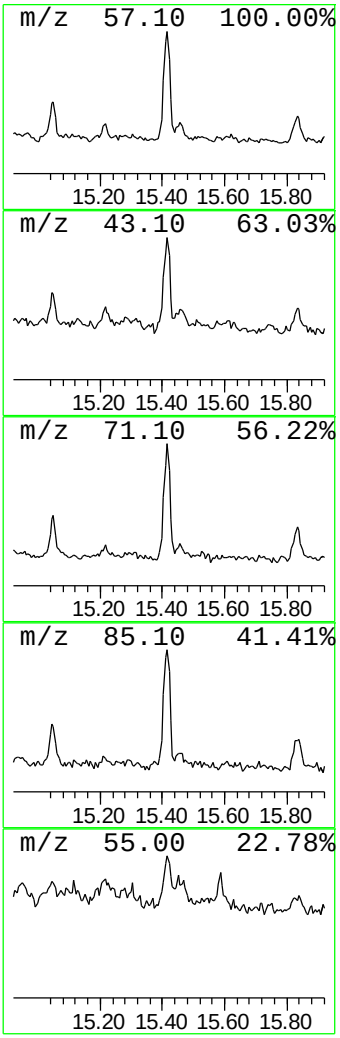
Peak Number 20 Octacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	10.47 ng	287604	Perylene-d12	15.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	90
2	Octacosane	394	C28H58	000630-02-4	87
3	Tricosane, 2-methyl-	338	C24H50	001928-30-9	87
4	Behenyl chloride	344	C22H45Cl	042217-03-8	87
5	Hentriacontane	437	C31H64	000630-04-6	83





Tentatively Identified Compound (LSC) summary

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Data File : BF097011.D
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Operator : SJ/JU
Sample : I4360-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CEMETERY-11-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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-Pentanone, 4-hy...	4.66	8.8	ng	364951	1	6.52	830268	20.0
unknown6.29	6.29	67.9	ng	2819130	1	6.52	830268	20.0
unknown10.47	10.47	4.8	ng	203539	4	11.02	848137	20.0
Phenol, 4-(1,1,3,...	10.52	5.1	ng	216988	4	11.02	848137	20.0
unknown10.56	10.56	7.0	ng	296901	4	11.02	848137	20.0
unknown10.59	10.59	5.8	ng	246842	4	11.02	848137	20.0
Carbamic acid, N-...	10.66	4.5	ng	188503	4	11.02	848137	20.0
2-Methyl-4-hydrox...	10.70	5.2	ng	221158	4	11.02	848137	20.0
Hexestrol	10.74	7.0	ng	298348	4	11.02	848137	20.0
Myristoleic acid	11.53	3.0	ng	125772	4	11.02	848137	20.0
n-Hexadecanoic acid	11.57	6.9	ng	292009	4	11.02	848137	20.0
4,4'-Bis(tetrahyd...	12.44	3.2	ng	121461	5	13.64	749819	20.0
Phenol, 4,4'-(1-m...	12.49	4.1	ng	152461	5	13.64	749819	20.0
Z-5-Nonadecene	13.52	6.6	ng	248424	5	13.64	749819	20.0
Nonadecane, 1-chl...	14.14	8.6	ng	323967	5	13.64	749819	20.0
Eicosane, 2-methyl-	14.43	4.3	ng	119168	6	15.00	549292	20.0
Tricosane	14.73	8.4	ng	231991	6	15.00	549292	20.0
Octacosane	15.42	10.5	ng	287604	6	15.00	549292	20.0