LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093403.D
Acq On : 6 Mar 2017 16:23
Operator : SJ/MA
Sample : I2078-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-8

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-BF013017.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	1.955	4	6	12	rVB	74815	125631	1.59%	0.265%
2	3.178	111	113	124	rBV	92605	203386	2.58%	0.428%
3	4.241	202	206	209	rBV	4290228	7883062	100.00%	16.601%
4	4.939	262	267	270	rBV	3671148	6683839	84.79%	14.075%
5	5.384	304	306	322	rBV	161147	353076	4.48%	0.744%
6	6.413	395	396	405	rBV	1214325	2058798	26.12%	4.336%
7	6.539	405	407	410	rVV	765100	778062	9.87%	1.638%
8	6.767	425	427	430	rBV	1356969	1236176	15.68%	2.603%
9	6.836	431	433	436	rBV	66906	92338	1.17%	0.194%
10	6.927	439	441	443	rBV	3158084	3022476	38.34%	6.365%
11	7.110	455	457	462	rBV	86692	100939	1.28%	0.213%
12	7.339	475	477	480	rBV	2243604	2319041	29.42%	4.884%
13	8.059	537	540	542	rBV	1616266	1617302	20.52%	3.406%
14	9.133	631	634	636	rBV	4434333	4264090	54.09%	8.980%
15	9.533	667	669	671	rBV	180167	223936	2.84%	0.472%
16	9.739	685	687	691	rBV	137119	202696	2.57%	0.427%
17	9.808	691	693	695	rVV	1783663	1681264	21.33%	3.541%
18	10.231	729	730	732	rVB	142035	125059	1.59%	0.263%
19	10.448	747	749	752	rBV	48699	86690	1.10%	0.183%
20	10.711	770	772	776	rVB	146092	236794	3.00%	0.499%
21	11.156	809	811	812	rBV	105823	119054	1.51%	0.251%
22	11.294	821	823	824	rBV	1270397	1558129	19.77%	3.281%
23	11.316	824	825	826	rVV	168700	142580	1.81%	0.300%
24	11.648	853	854	857	rVV	151132	215579	2.73%	0.454%
25	11.694	857	858	863	rVB2	58152	88924	1.13%	0.187%
26	11.854	870	872	874	rVV	1013579	1028271	13.04%	2.165%
27	11.922	875	878	880	rVV	231259	347005	4.40%	0.731%
28	11.979	880	883	886	rVV3	51870	89138	1.13%	0.188%
29	12.059	889	890	894	rVB3	323937	369684	4.69%	0.779%
30	12.231	902	905	907	rBV2	323653	452767	5.74%	0.953%
31	12.402	916	920	921	rVB	174858	257278	3.26%	0.542%
32	12.505	927	929	930	rBV	152150	164422	2.09%	0.346%
33	12.539	930	932	933	rVB	133327	157026	1.99%	0.331%
34	12.688	943	945	947	rBV	72215	97426	1.24%	0.205%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093403.D
Acq On : 6 Mar 2017 16:23
Operator : SJ/MA
Sample : I2078-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-8

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-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.734	947	949	952	rVV	124373	158489	2.01%	0.334%
36	12.791	952	954	956	rVB	189751	195428	2.48%	0.412%
37	12.871	956	961	963	rBV	2921313	3006009	38.13%	6.330%
38	12.905	963	964	966	rVB2	69063	80073	1.02%	0.169%
39	13.008	969	973	975	rVB	728044	733262	9.30%	1.544%
40	13.168	983	987	989	rVB3	66292	116479	1.48%	0.245%
41	13.339	999	1002	1003	rBV	113134	150426	1.91%	0.317%
42	13.374	1003	1005	1006	rVV	545759	676488	8.58%	1.425%
43	13.762	1037	1039	1045	rVB	227288	329541	4.18%	0.694%
44	13.934	1051	1054	1056	rBV	726573	1031060	13.08%	2.171%
45	14.082	1065	1067	1072	rBV2	45847	80157	1.02%	0.169%
46	14.391	1092	1094	1100	rBV4	59269	166555	2.11%	0.351%
47	14.677	1116	1119	1122	rBV2	51440	106764	1.35%	0.225%
48	14.997	1144	1147	1148	rVB2	61043	97107	1.23%	0.204%
49	15.340	1174	1177	1180	rBV	855539	1068851	13.56%	2.251%
50	15.728	1209	1211	1214	rBV	92769	145688	1.85%	0.307%
51	15.945	1228	1230	1238	rVB2	62926	122417	1.55%	0.258%
52	16.185	1248	1251	1256	rVB	92628	174868	2.22%	0.368%
53	16.334	1262	1264	1269	rVB3	45020	95232	1.21%	0.201%
54	16.723	1295	1298	1302	rVB	89588	187103	2.37%	0.394%
55	17.340	1349	1352	1358	rVB	72118	198414	2.52%	0.418%
56	18.083	1414	1417	1424	rVB	56343	183958	2.33%	0.387%

Sum of corrected areas: 47486307

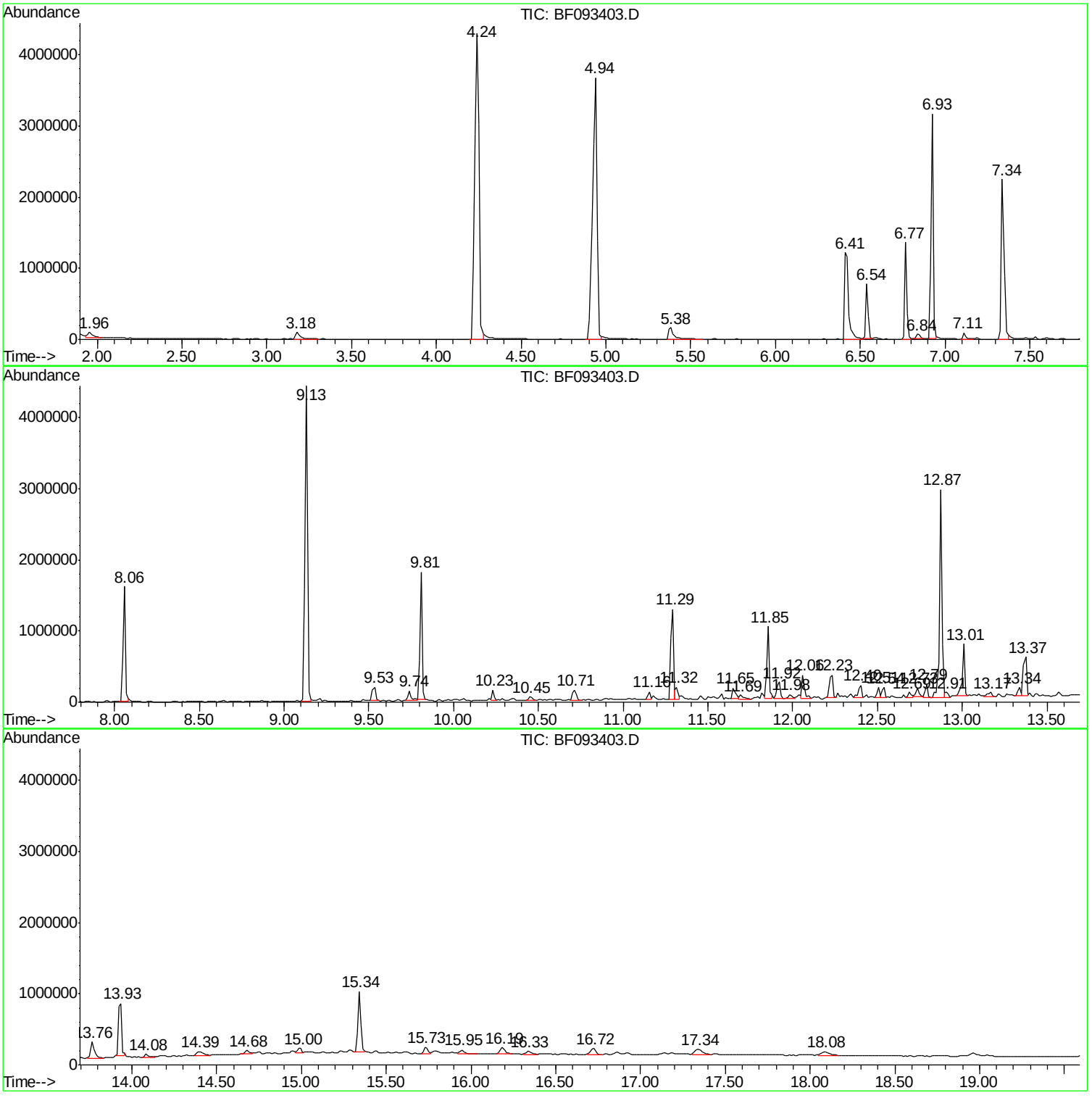
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093403.D
Acq On : 6 Mar 2017 16:23
Operator : SJ/MA
Sample : I2078-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093403.D
Acq On : 6 Mar 2017 16:23
Operator : SJ/MA
Sample : I2078-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

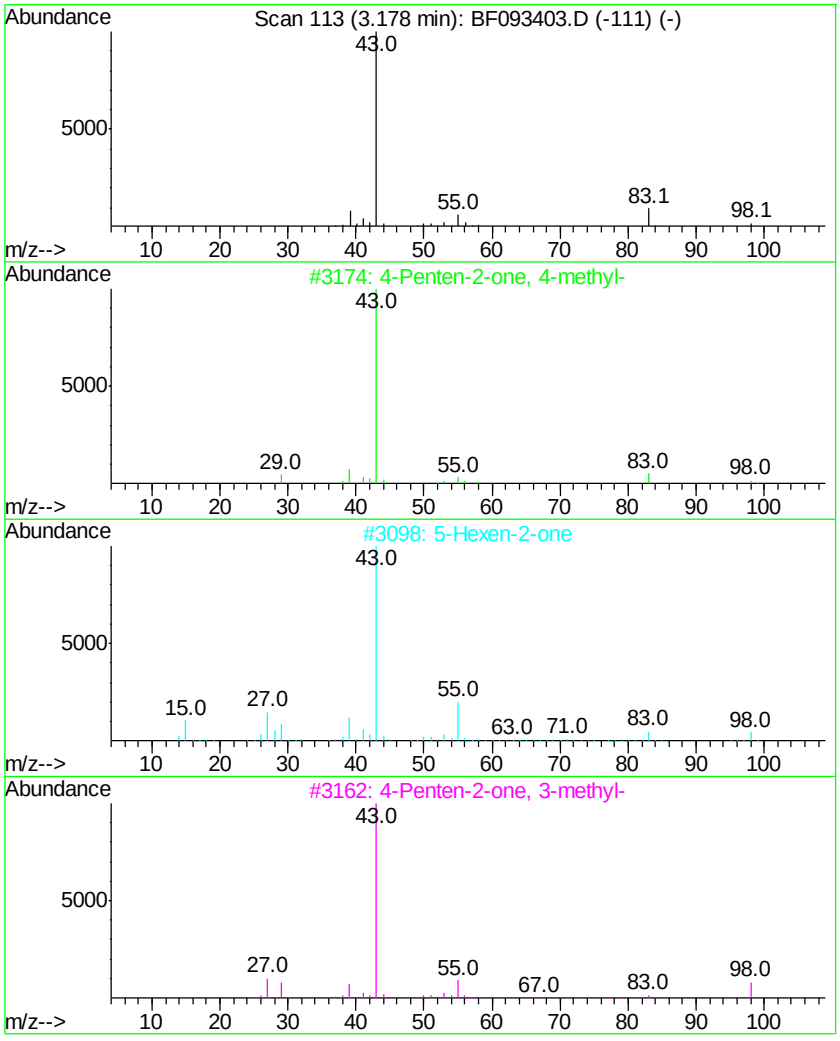
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

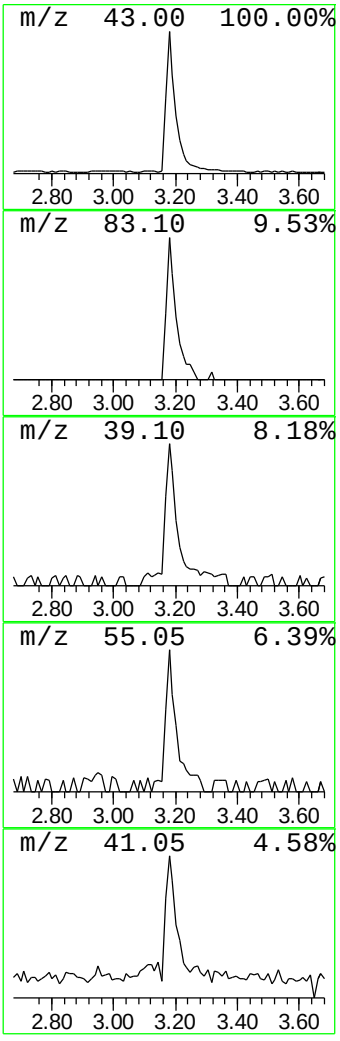
****

Peak Number 1 4-Penten-2-one, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	3.29 ng	203386	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	72
2	5-Hexen-2-one	98	C6H10O	000109-49-9	40
3	4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	25
4	4-Hexen-2-one	98	C6H10O	025659-22-7	9
5	Methyl 1-methylcyclopropyl ketone	98	C6H10O	001567-75-5	9





Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093403.D
Acq On : 6 Mar 2017 16:23
Operator : SJ/MA
Sample : I2078-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

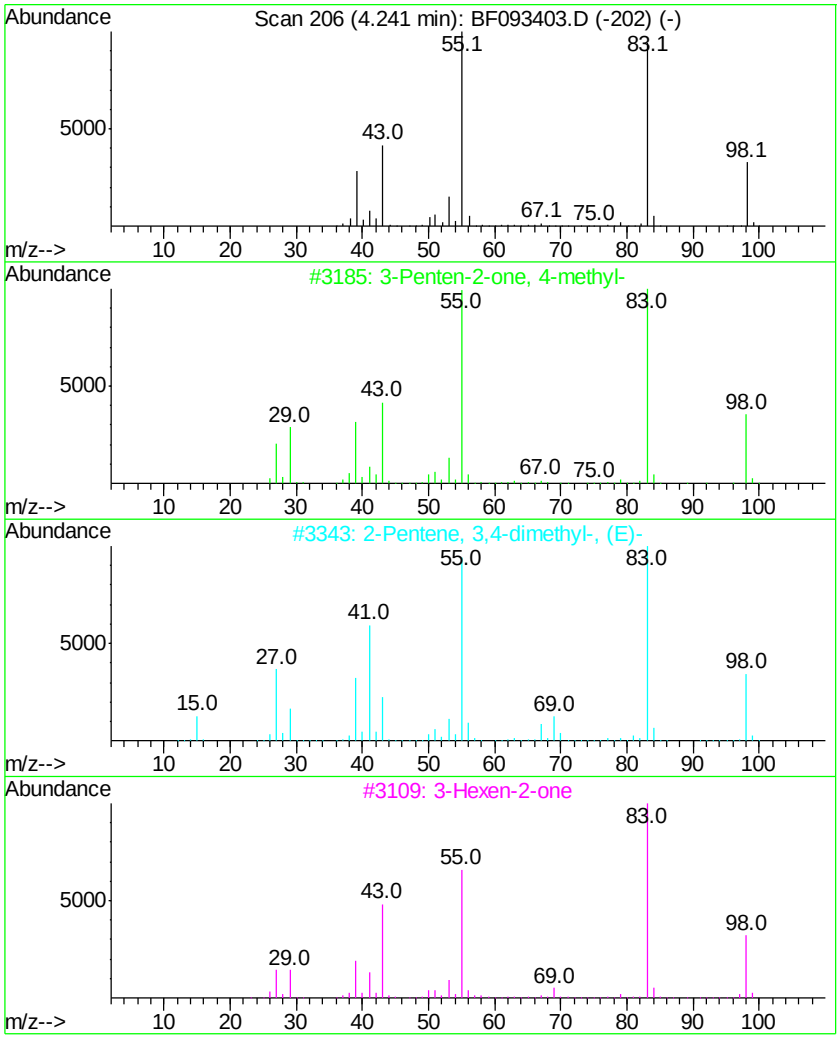
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

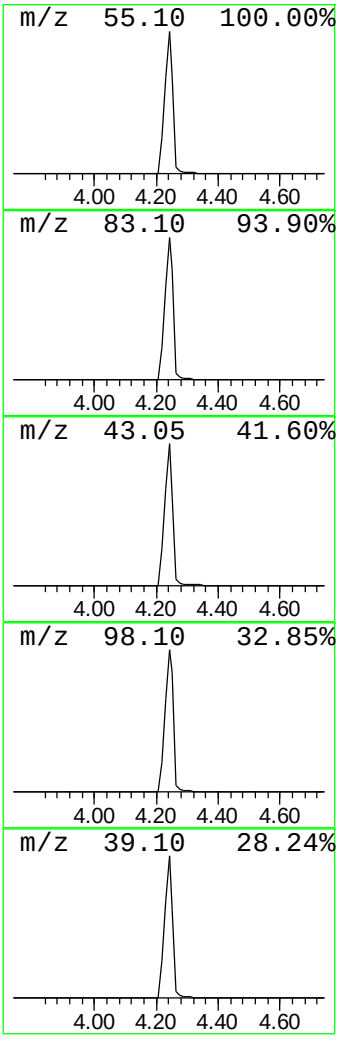
****

Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.24	127.54 ng	7883060	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
3	3-Hexen-2-one	98	C6H10O	000763-93-9	87
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86





Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093403.D
Acq On : 6 Mar 2017 16:23
Operator : SJ/MA
Sample : I2078-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

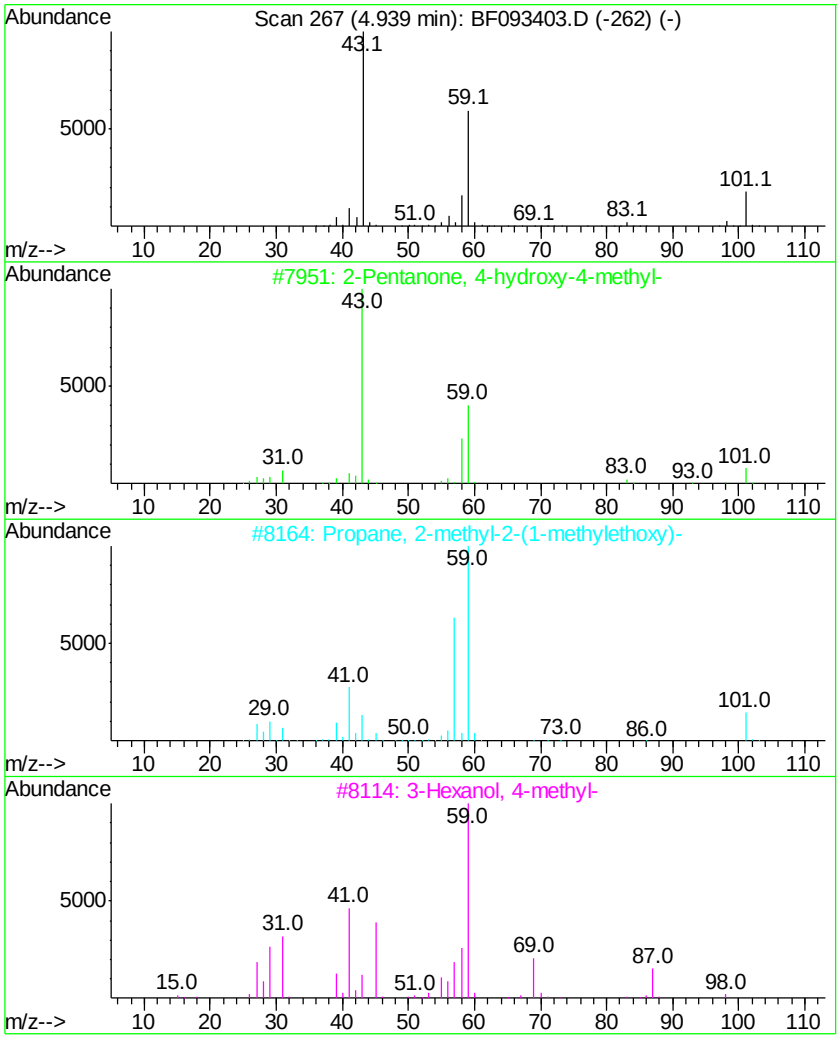
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

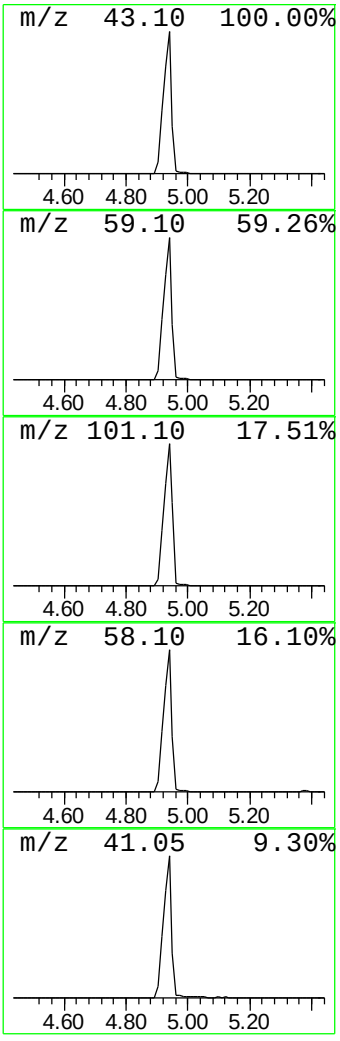
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.94	108.14 ng	6683840	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32





Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093403.D
Acq On : 6 Mar 2017 16:23
Operator : SJ/MA
Sample : I2078-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

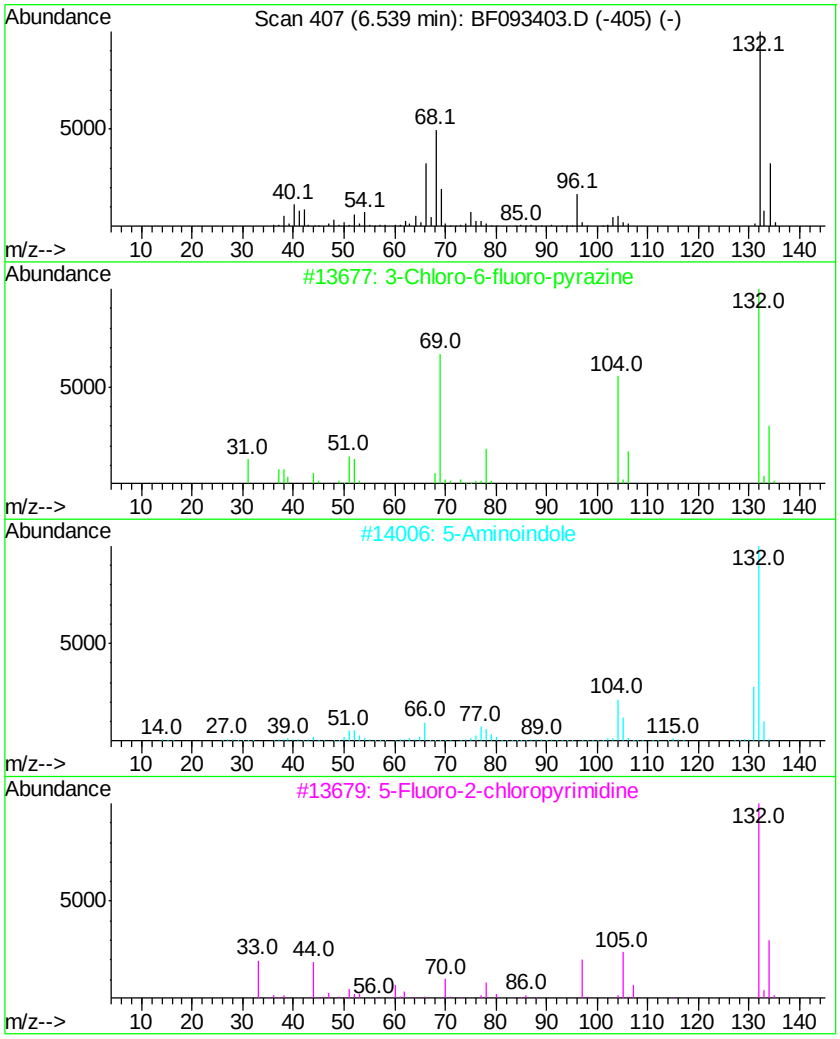
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

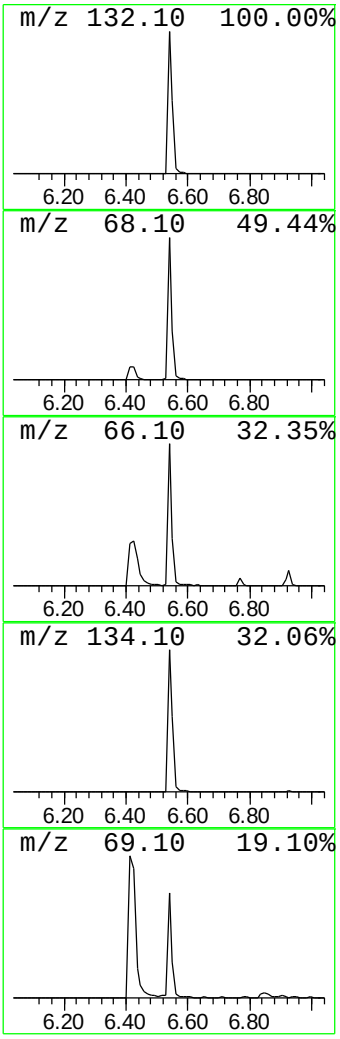
****

Peak Number 4 unknown6.54 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	12.59 ng	778062	1,4-Dichlorobenzene-d4	6.77

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	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093403.D
Acq On : 6 Mar 2017 16:23
Operator : SJ/MA
Sample : I2078-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

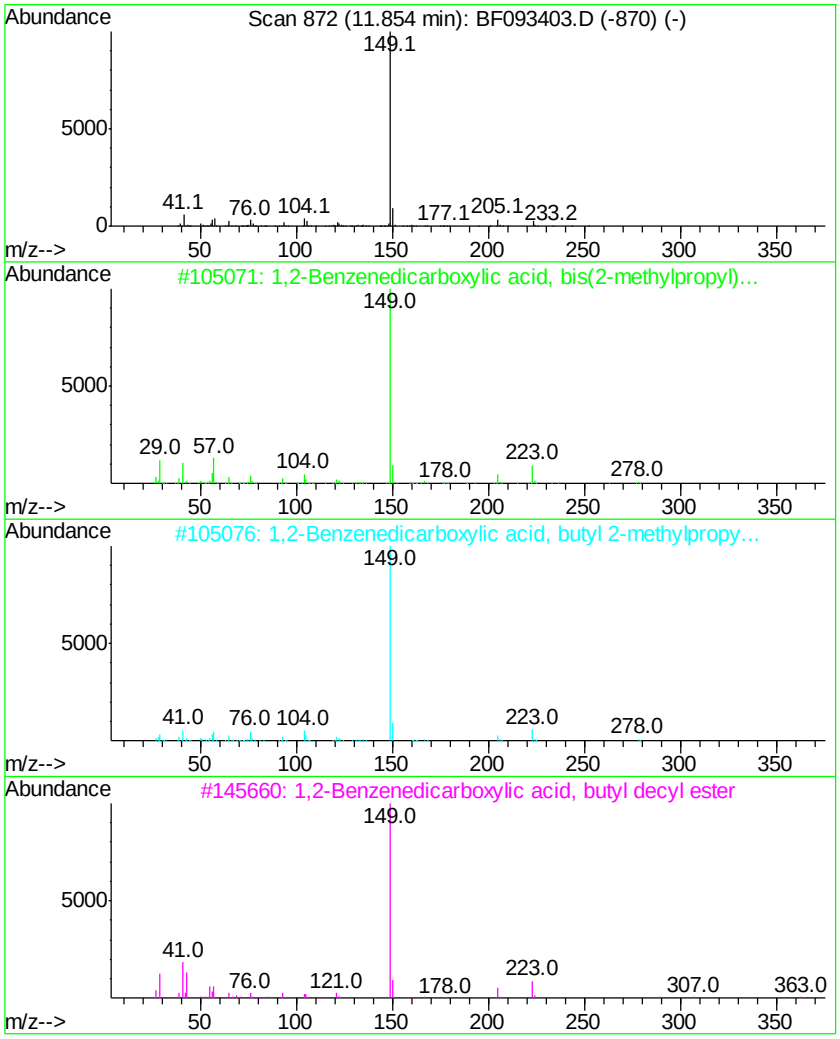
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

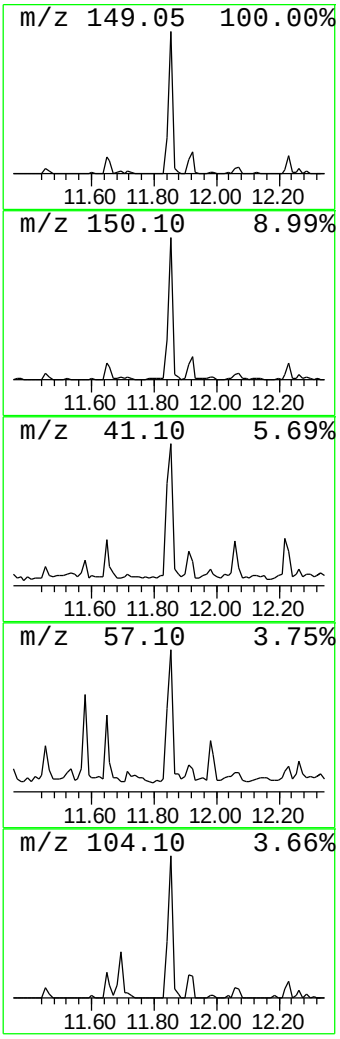
****

Peak Number 6 1,2-Benzenedicarboxylic aci... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	13.20 ng	1028270	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	83
2	1,2-Benzenedicarboxylic acid, bu...	278	C16H22O4	017851-53-5	78
3	1,2-Benzenedicarboxylic acid, bu...	362	C22H34O4	000089-19-0	74
4	1,2-Benzenedicarboxylic acid, bu...	362	C22H34O4	000089-18-9	74
5	1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000085-69-8	64





Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
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Acq On : 6 Mar 2017 16:23
Operator : SJ/MA
Sample : I2078-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

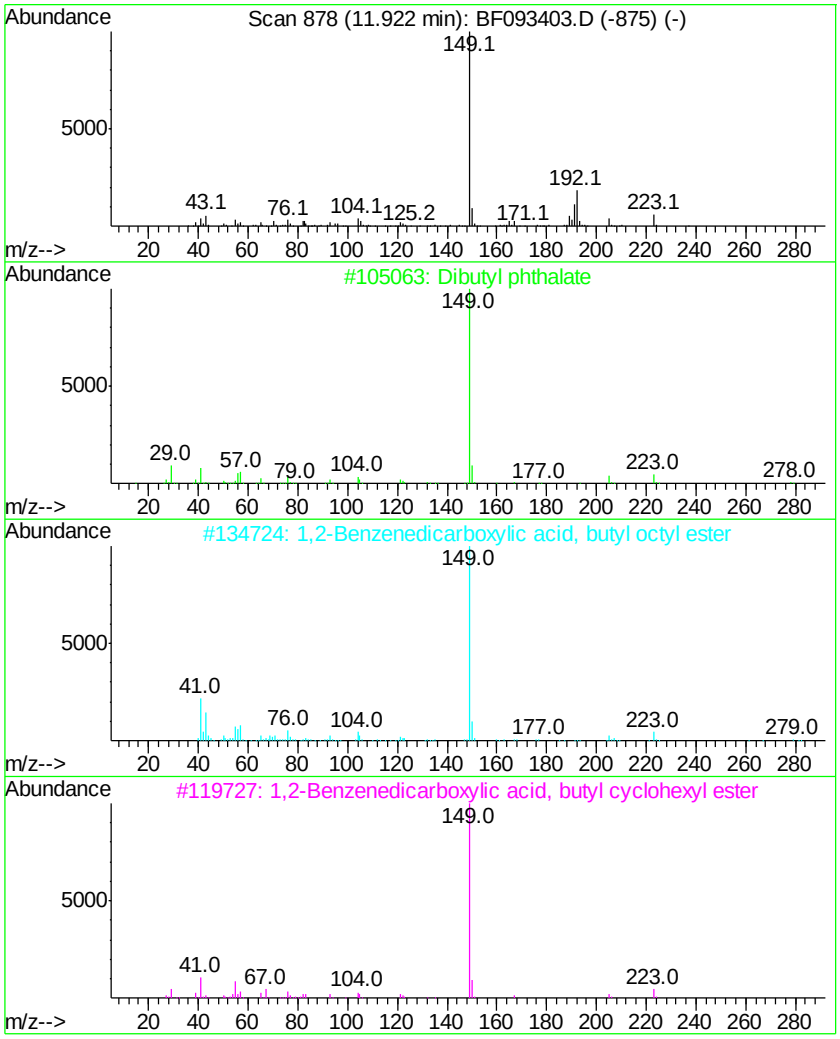
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

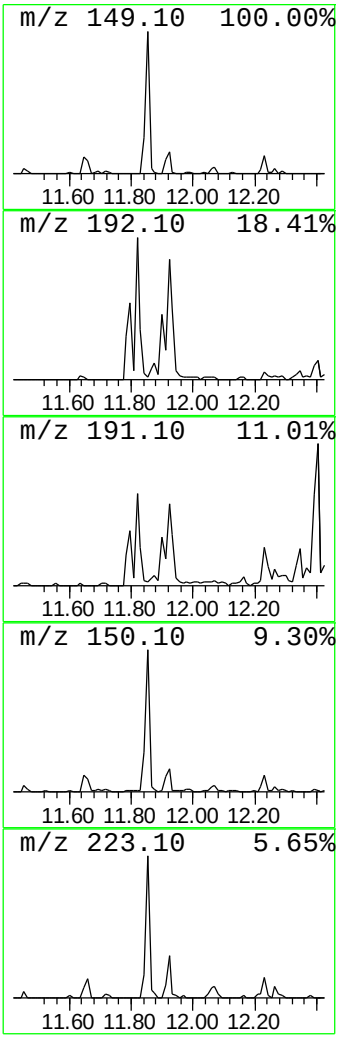
****

Peak Number 7 Dibutyl phthalate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	4.45 ng	347005	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibutyl phthalate	278	C16H22O4	000084-74-2	72
2	1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000084-78-6	59
3	1,2-Benzenedicarboxylic acid, bu...	304	C18H24O4	000084-64-0	59
4	1,2-Benzenedicarboxylic acid, di...	306	C18H26O4	000131-18-0	53
5	1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000085-69-8	45





Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093403.D
Acq On : 6 Mar 2017 16:23
Operator : SJ/MA
Sample : I2078-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

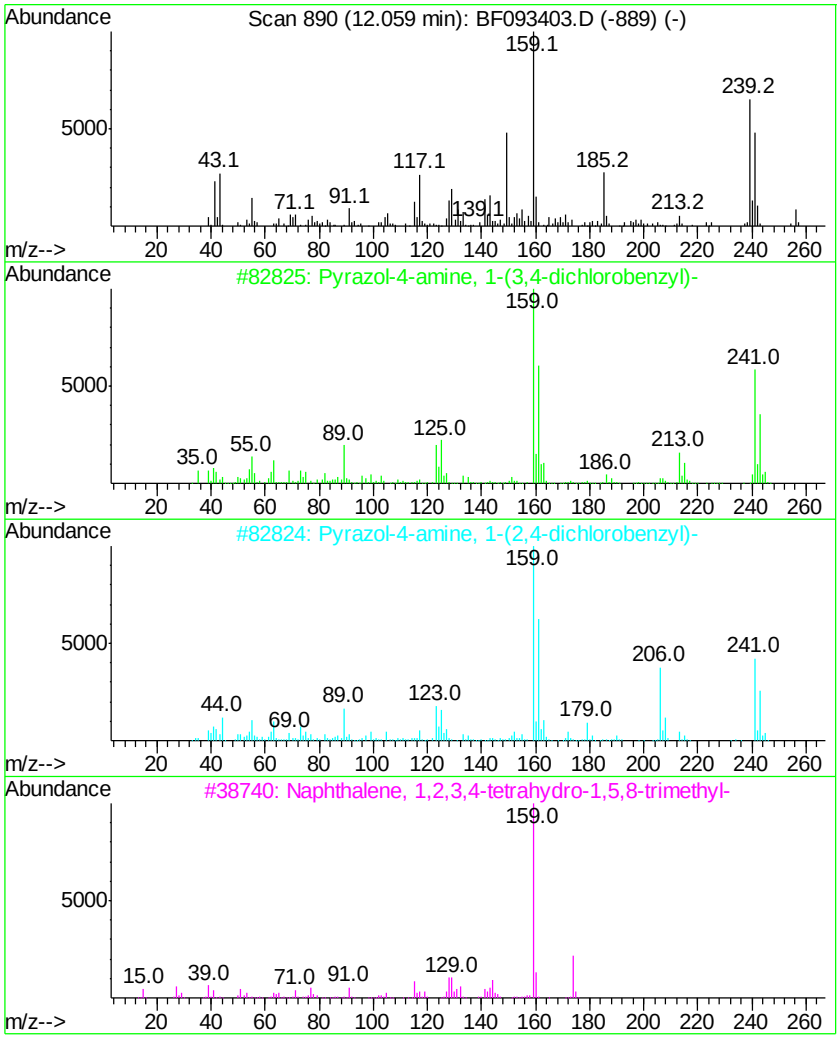
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

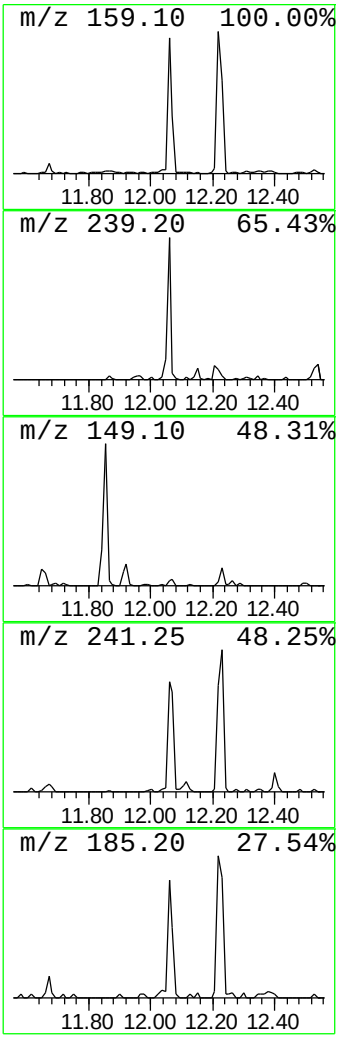
****

Peak Number 8 unknown12.06 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	4.75 ng	369684	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrazol-4-amine, 1-(3,4-dichloro...	241	C10H9Cl2N3	1000273-77-4	32
2	Pyrazol-4-amine, 1-(2,4-dichloro...	241	C10H9Cl2N3	1000272-85-5	25
3	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-51-6	22
4	1,3-Dioxolane-2,2-diacetic acid,...	246	C11H18O6	071022-90-7	22
5	2-Pentyl-1H-quinolin-4-one	215	C14H17NO	109072-26-6	14





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093403.D
Acq On : 6 Mar 2017 16:23
Operator : SJ/MA
Sample : I2078-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

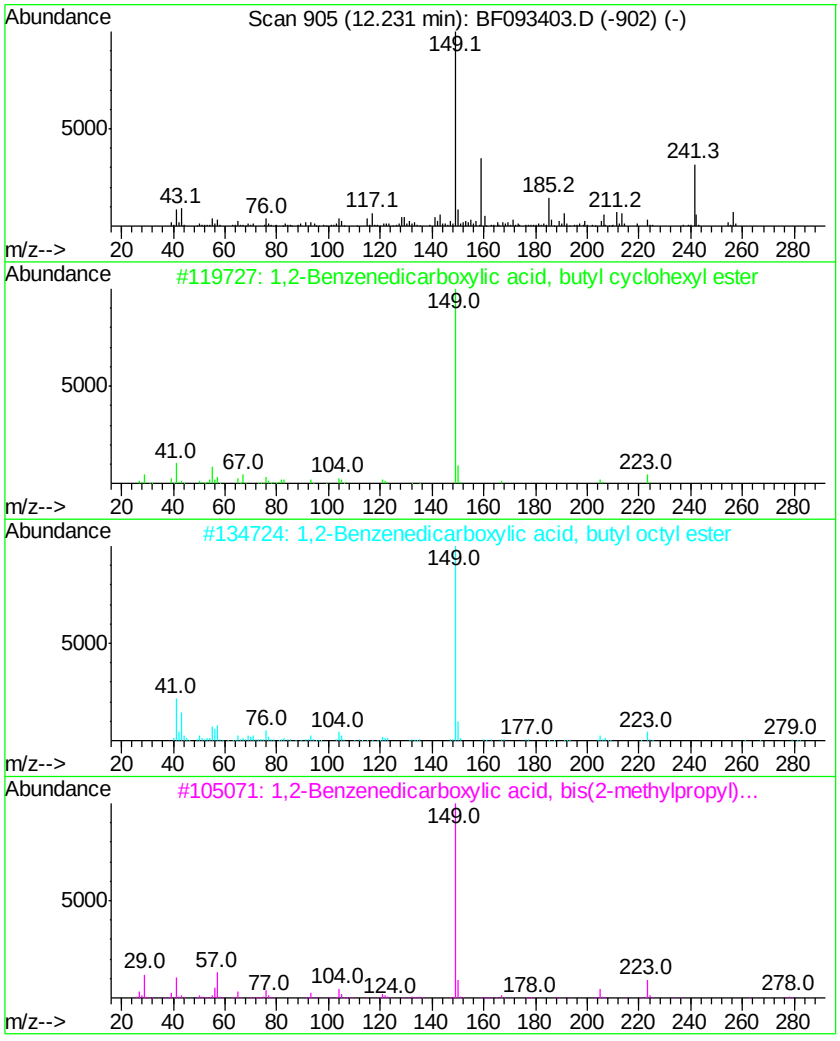
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

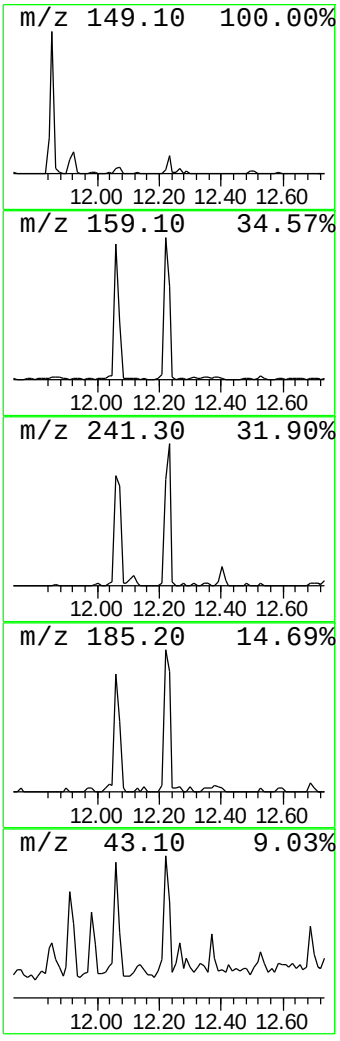
****

Peak Number 9 unknown12.23 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	5.81 ng	452767	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, bu...	304	C18H24O4	000084-64-0	46
2	1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000084-78-6	43
3	1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	43
4	1,2-Benzenedicarboxylic acid, bu...	278	C16H22O4	017851-53-5	43
5	1,2-Benzenedicarboxylic acid, bi...	334	C20H30O4	000146-50-9	38





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Data File : BF093403.D
Acq On : 6 Mar 2017 16:23
Operator : SJ/MA
Sample : I2078-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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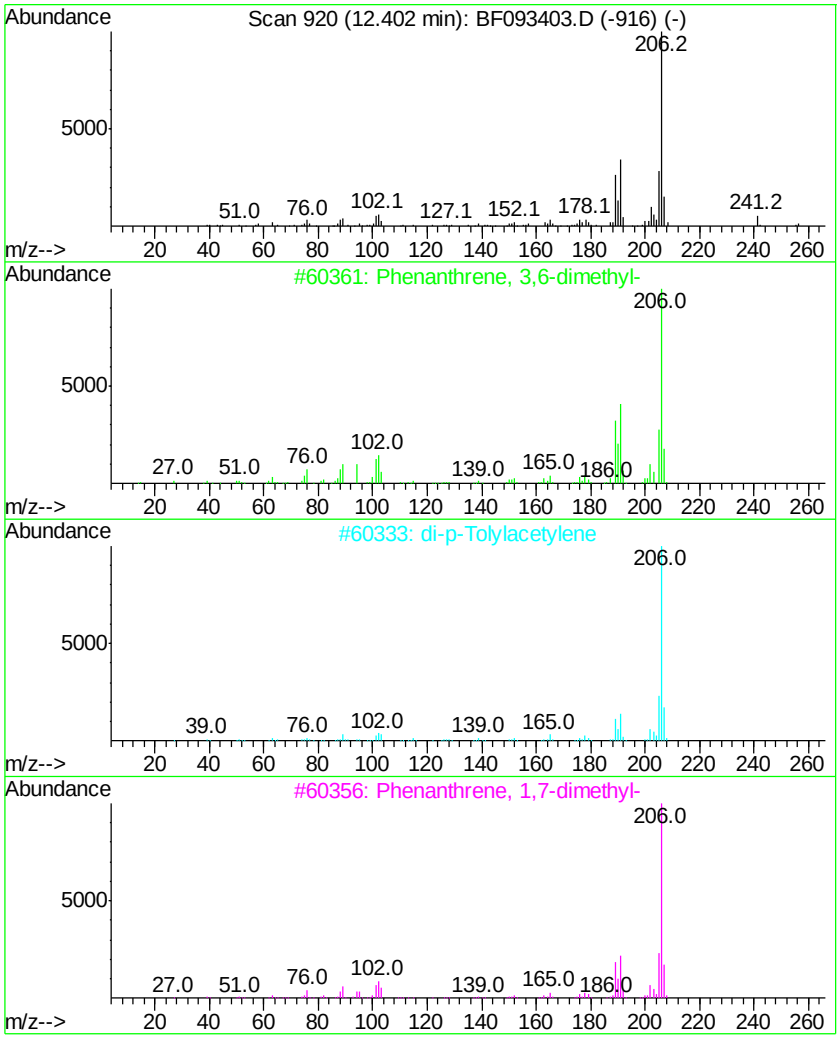
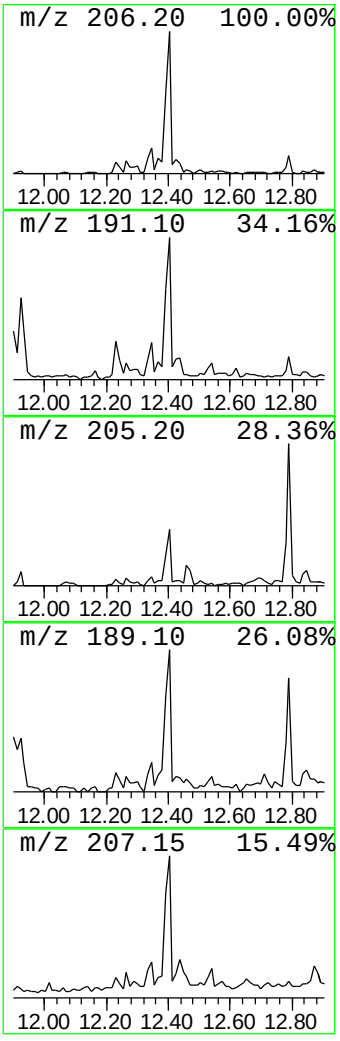
Peak Number 10 Phenanthrene, 3,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	3.30 ng	257278	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	96
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	81
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	81





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Sample : I2078-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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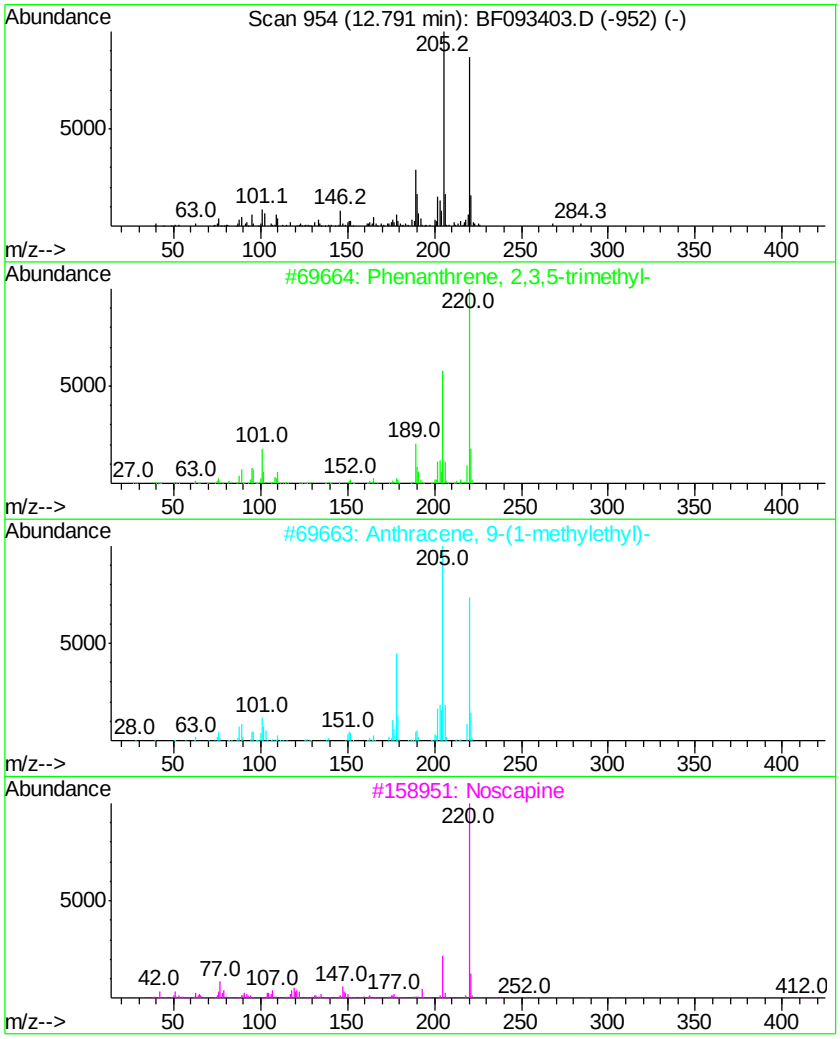
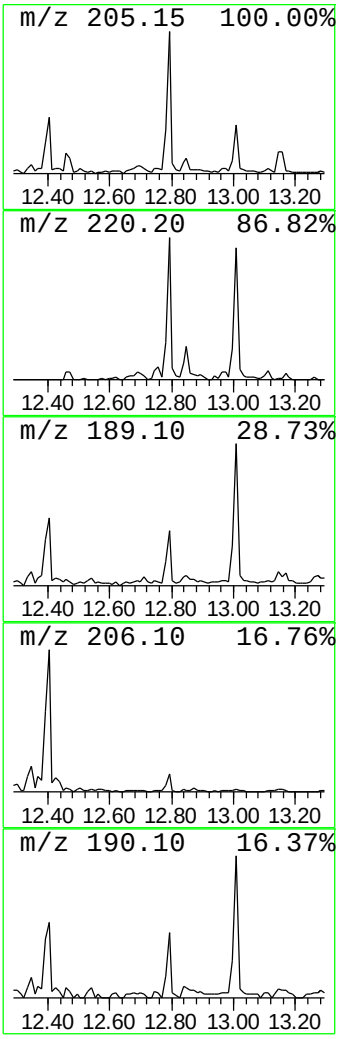
Peak Number 12 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	3.79 ng	195428	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	90
2	Anthracene, 9-(1-methylethyl)-	220	C17H16	001498-80-2	83
3	Noscapine	413	C22H23NO7	000128-62-1	59
4	3,5-Cyclohexadiene-1,2-dione, 3,...	220	C14H20O2	003383-21-9	58
5	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	53





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Acq On : 6 Mar 2017 16:23
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Sample : I2078-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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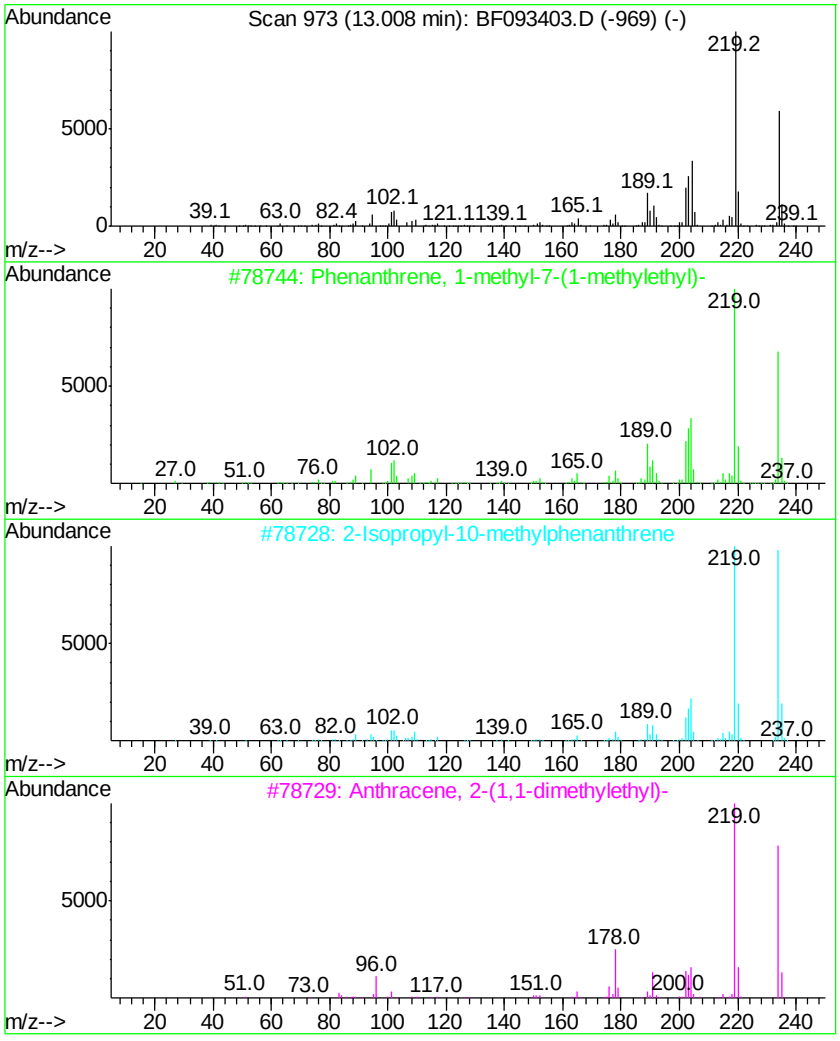
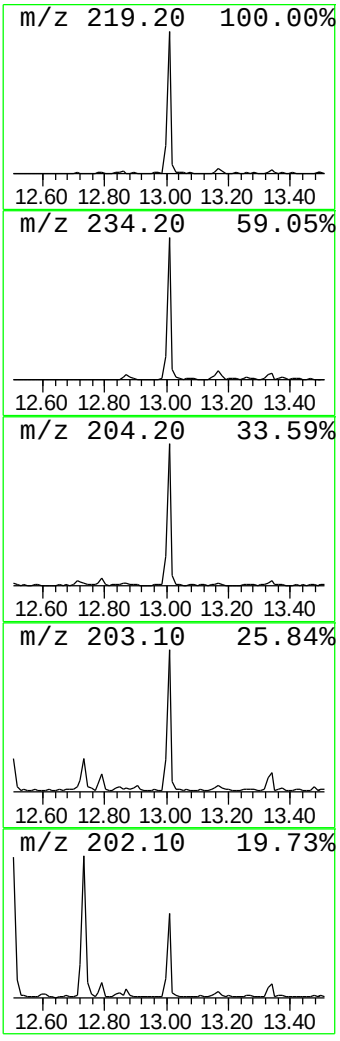
Peak Number 13 Phenanthrene, 1-methyl-7-(1... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	14.22 ng	733262	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	96
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	94
3	Anthracene, 2-(1,1-dimethylethyl)-	234	C18H18	018801-00-8	64
4	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	50
5	1-(10-Methylanthracen-9-yl)ethanone	234	C17H14O	036778-18-4	50





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Acq On : 6 Mar 2017 16:23
Operator : SJ/MA
Sample : I2078-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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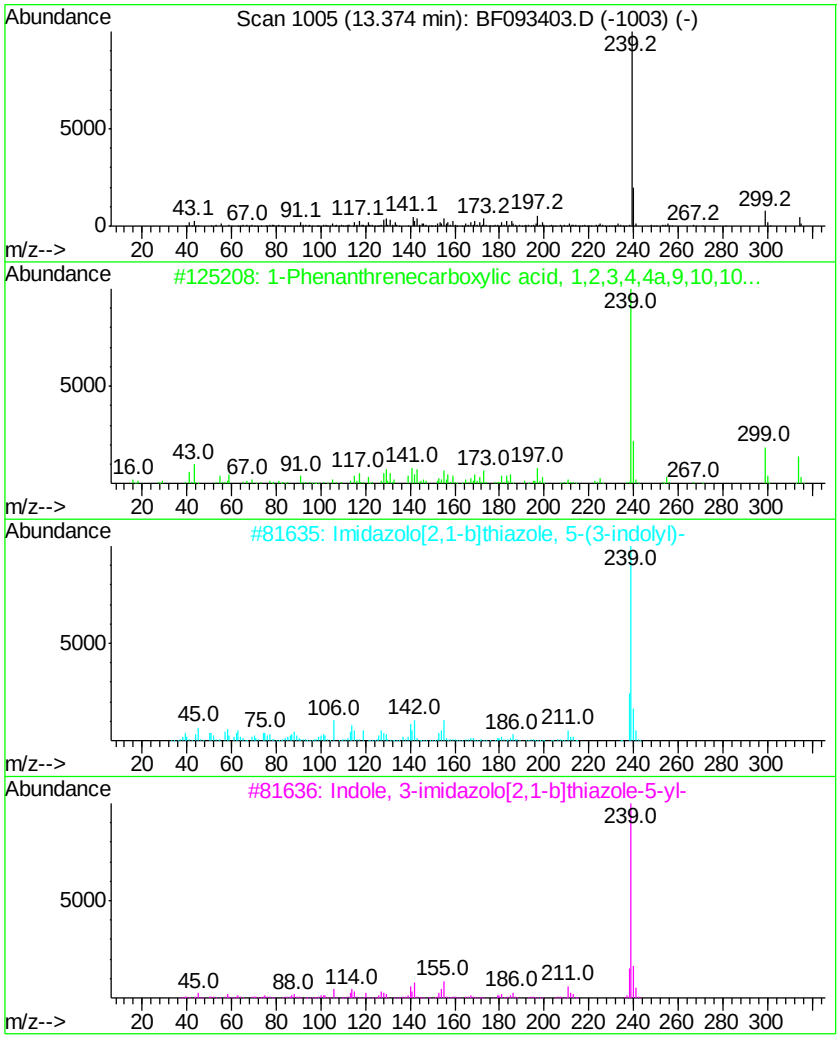
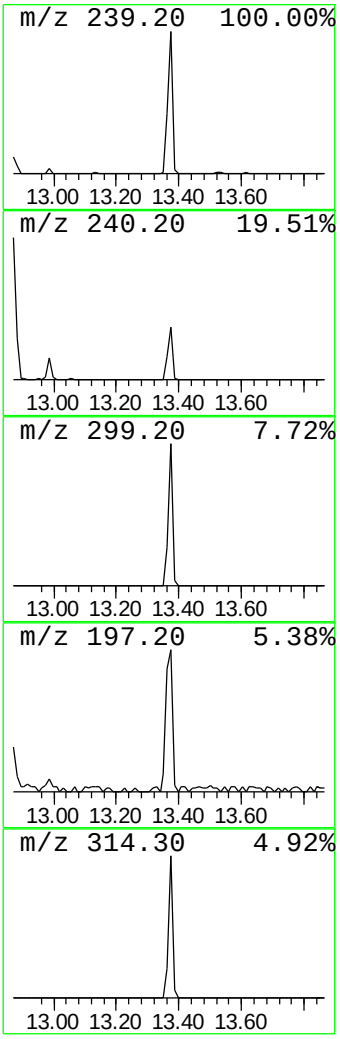
Peak Number 14 1-Phenanthrenecarboxylic ac... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	13.12 ng	676488	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenanthrenecarboxylic acid, 1...	314	C21H30O2	001235-74-1	92
2	Imidazolo[2,1-b]thiazole, 5-(3-i...	239	C13H9N3S	327097-37-0	64
3	Indole, 3-imidazolo[2,1-b]thiazo...	239	C13H9N3S	292855-05-1	53
4	4-(4-Oxo-1,2,3,4,6,7,12,12b-octa...	326	C19H22N2O3	1000137-91-1	45
5	2-Methoxy-4-methyl-10H-acridin-9...	239	C15H13NO2	1000210-25-6	39





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Acq On : 6 Mar 2017 16:23
Operator : SJ/MA
Sample : I2078-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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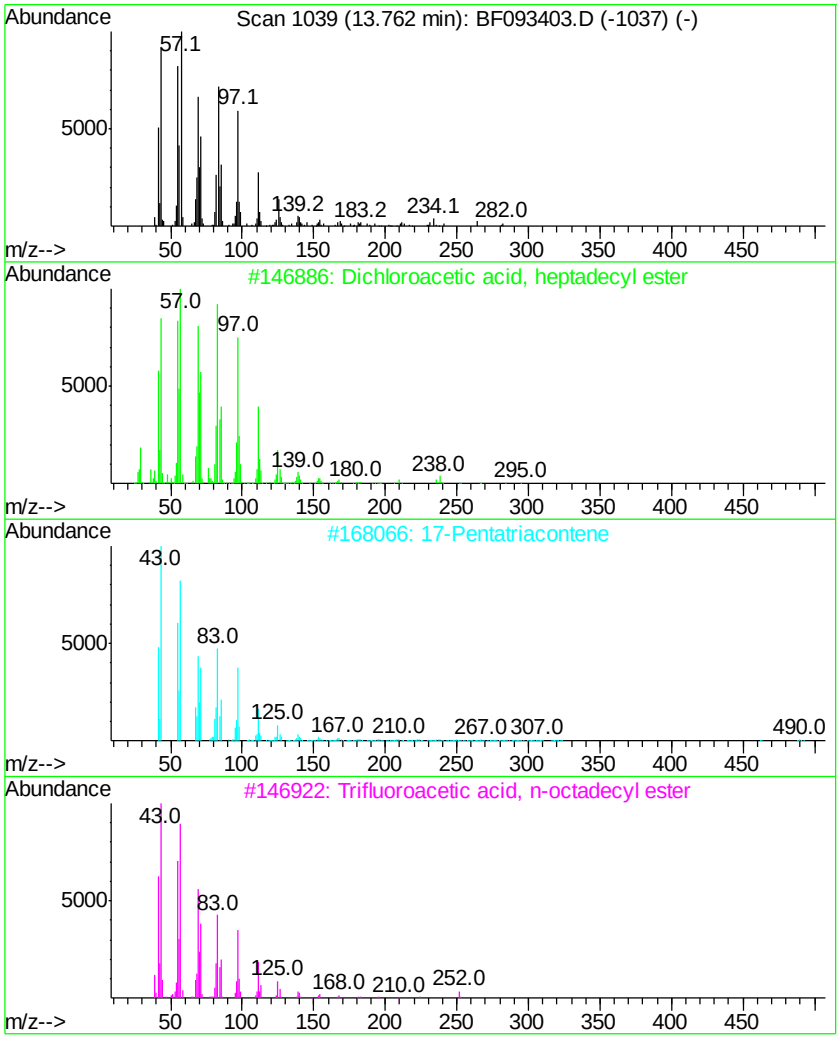
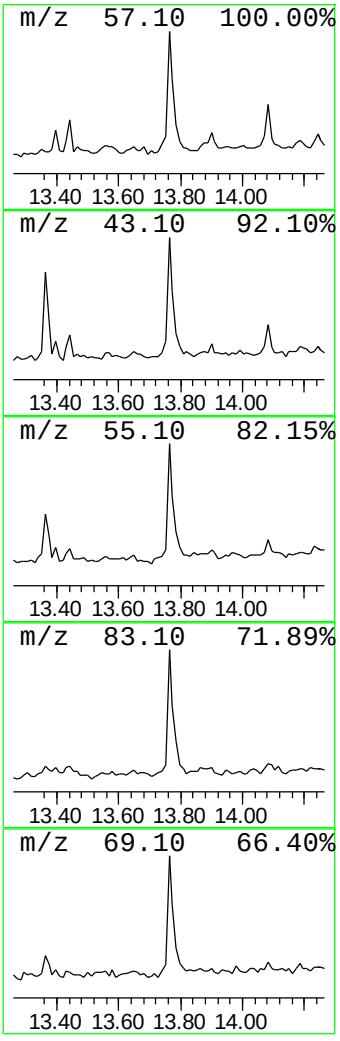
Peak Number 15 Dichloroacetic acid, heptad... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	6.39 ng	329541	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
2	17-Pentatriacontene	491	C35H70	006971-40-0	91
3	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91





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Sample : I2078-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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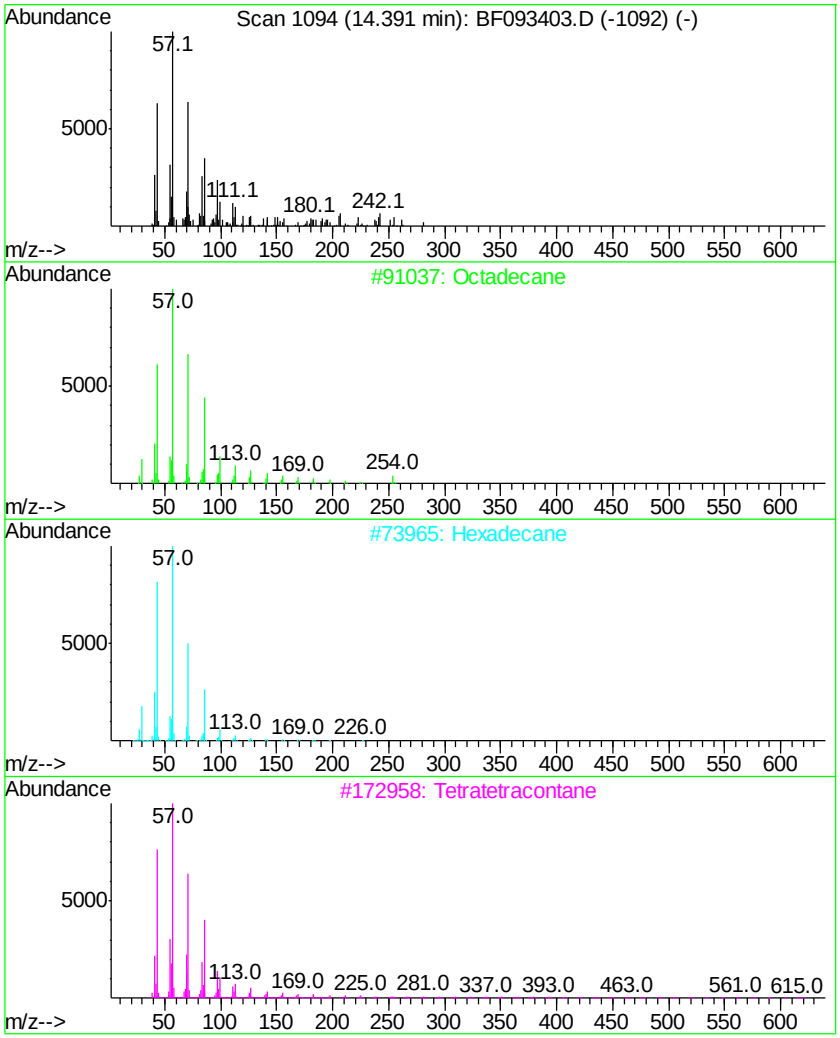
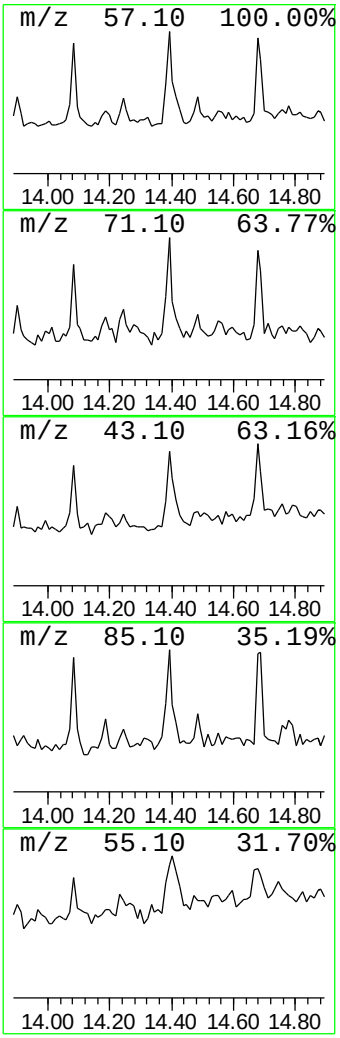
Peak Number 16 Octadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	3.23 ng	166555	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	92
2	Hexadecane	226	C16H34	000544-76-3	89
3	Tetratetracontane	619	C44H90	007098-22-8	58
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	55
5	Hexatriacontane	507	C36H74	000630-06-8	52





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Acq On : 6 Mar 2017 16:23
Operator : SJ/MA
Sample : I2078-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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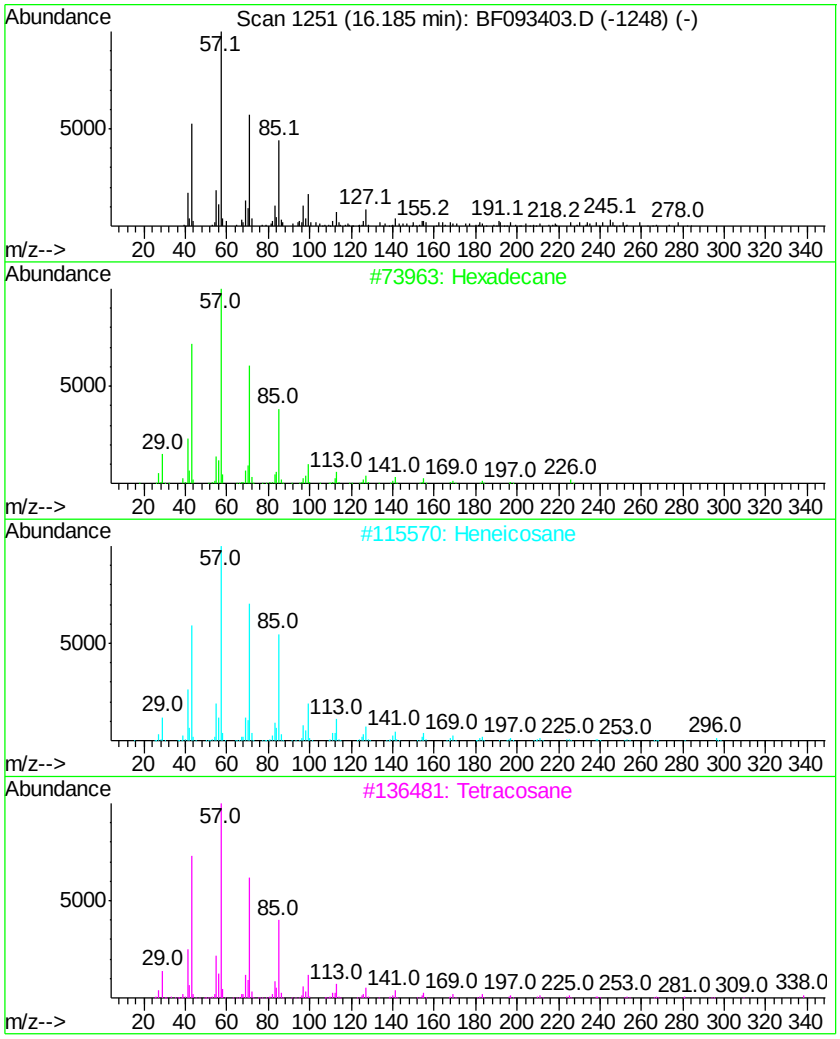
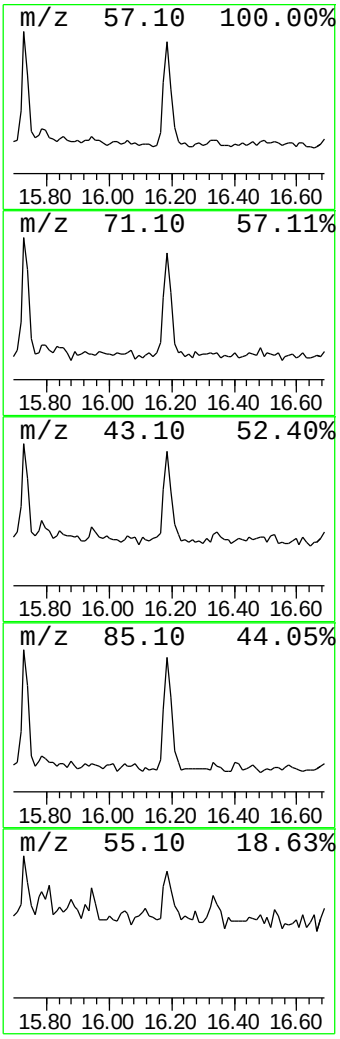
Peak Number 17 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	3.27 ng	174868	Perylene-d12	15.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Heneicosane	296	C21H44	000629-94-7	87
3	Tetracosane	338	C24H50	000646-31-1	83
4	Octacosane	394	C28H58	000630-02-4	83
5	Eicosane	282	C20H42	000112-95-8	80





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Sample : I2078-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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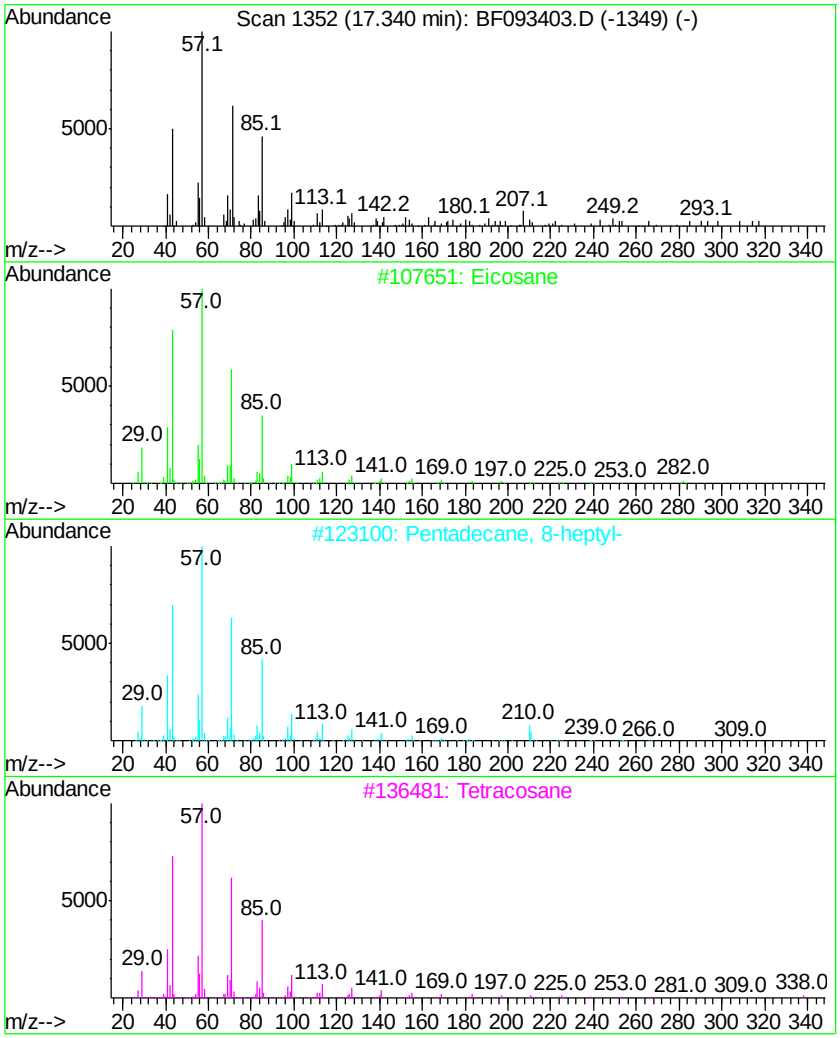
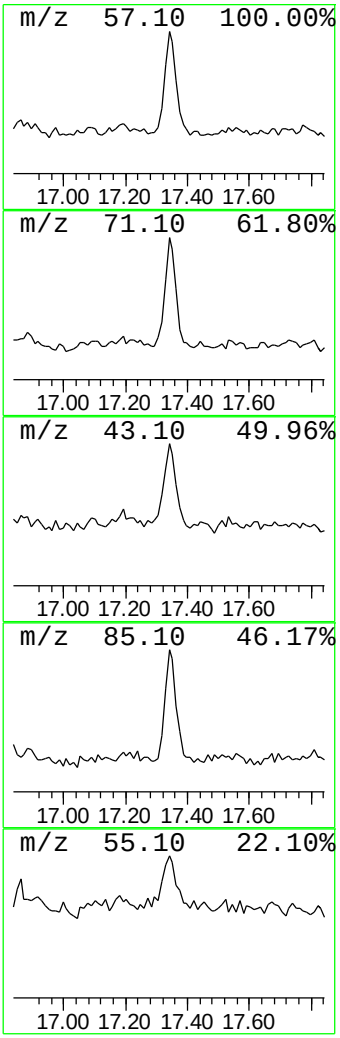
Peak Number 19 Eicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.34	3.71 ng	198414	Perylene-d12	15.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	87
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	80
3	Tetracosane	338	C24H50	000646-31-1	80
4	Heptacosane	380	C27H56	000593-49-7	80
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	80





Tentatively Identified Compound (LSC) summary

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Data File : BF093403.D
Acq On : 6 Mar 2017 16:23
Operator : SJ/MA
Sample : I2078-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
4-Penten-2-one, 4...	3.18	3.3	ng	203386	1	6.77	1236180	20.0
3-Penten-2-one, 4...	4.24	127.5	ng	7883060	1	6.77	1236180	20.0
2-Pentanone, 4-hy...	4.94	108.1	ng	6683840	1	6.77	1236180	20.0
unknown6.54	6.54	12.6	ng	778062	1	6.77	1236180	20.0
1,2-Benzenedicarb...	11.85	13.2	ng	1028270	4	11.29	1558130	20.0
Dibutyl phthalate	11.92	4.5	ng	347005	4	11.29	1558130	20.0
unknown12.06	12.06	4.8	ng	369684	4	11.29	1558130	20.0
unknown12.23	12.23	5.8	ng	452767	4	11.29	1558130	20.0
Phenanthrene, 3,6...	12.40	3.3	ng	257278	4	11.29	1558130	20.0
Phenanthrene, 2,3...	12.79	3.8	ng	195428	5	13.93	1031060	20.0
Phenanthrene, 1-m...	13.01	14.2	ng	733262	5	13.93	1031060	20.0
1-Phenanthrenecar...	13.37	13.1	ng	676488	5	13.93	1031060	20.0
Dichloroacetic ac...	13.76	6.4	ng	329541	5	13.93	1031060	20.0
Octadecane	14.39	3.2	ng	166555	5	13.93	1031060	20.0
Hexadecane	16.19	3.3	ng	174868	6	15.34	1068850	20.0
Eicosane	17.34	3.7	ng	198414	6	15.34	1068850	20.0