LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087047.D
Acq On : 15 May 2016 4:24
Operator : UM/SJ
Sample : H3052-02
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-12

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-BF050916.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	1.735	12	13	58	rVB	3791739	7749527	100.00%	19.161%
2	4.741	273	276	287	rBV	192090	382763	4.94%	0.946%
3	5.199	314	316	335	rBV	1877082	2158191	27.85%	5.336%
4	6.273	408	410	417	rBV	781754	1460539	18.85%	3.611%
5	6.387	417	420	422	rBV	3293101	3581606	46.22%	8.855%
6	6.536	430	433	436	rBV	322839	389589	5.03%	0.963%
7	6.605	437	439	441	rBV	726762	890021	11.48%	2.201%
8	6.650	441	443	445	rVB	339517	408800	5.28%	1.011%
9	6.765	450	453	456	rBV	3036216	2760114	35.62%	6.824%
10	7.187	487	490	492	rBV	2864070	2890775	37.30%	7.147%
11	7.896	550	552	560	rBV	1273753	1225635	15.82%	3.030%
12	8.502	603	605	608	rVB	116792	114516	1.48%	0.283%
13	8.982	644	647	649	rBV	4484388	4679101	60.38%	11.569%
14	9.382	680	682	684	rBV	194232	218800	2.82%	0.541%
15	9.645	702	705	712	rVV	1412057	1468587	18.95%	3.631%
16	9.851	720	723	725	rBV2	81004	139125	1.80%	0.344%
17	10.091	742	744	746	rVB2	90301	94269	1.22%	0.233%
18	10.433	772	774	777	rBV2	2287130	2691901	34.74%	6.656%
19	10.559	783	785	790	rVB2	106311	155434	2.01%	0.384%
20	11.119	832	834	836	rBV	975178	1070273	13.81%	2.646%
21	11.679	881	883	891	rVB2	177895	291874	3.77%	0.722%
22	12.457	949	951	953	rBV	84551	93113	1.20%	0.230%
23	12.491	953	954	957	rVB2	70541	98376	1.27%	0.243%
24	12.708	970	973	976	rBV	3345972	3178543	41.02%	7.859%
25	13.062	1001	1004	1007	rVB2	73408	133471	1.72%	0.330%
26	13.291	1021	1024	1026	rBV	321069	315129	4.07%	0.779%
27	13.622	1050	1053	1058	rVB	87958	123240	1.59%	0.305%
28	13.748	1062	1064	1067	rBV	844986	839700	10.84%	2.076%
29	15.108	1180	1183	1186	rBV	729685	842209	10.87%	2.082%

Sum of corrected areas: 40445221

LSC Report - Integrated Chromatogram

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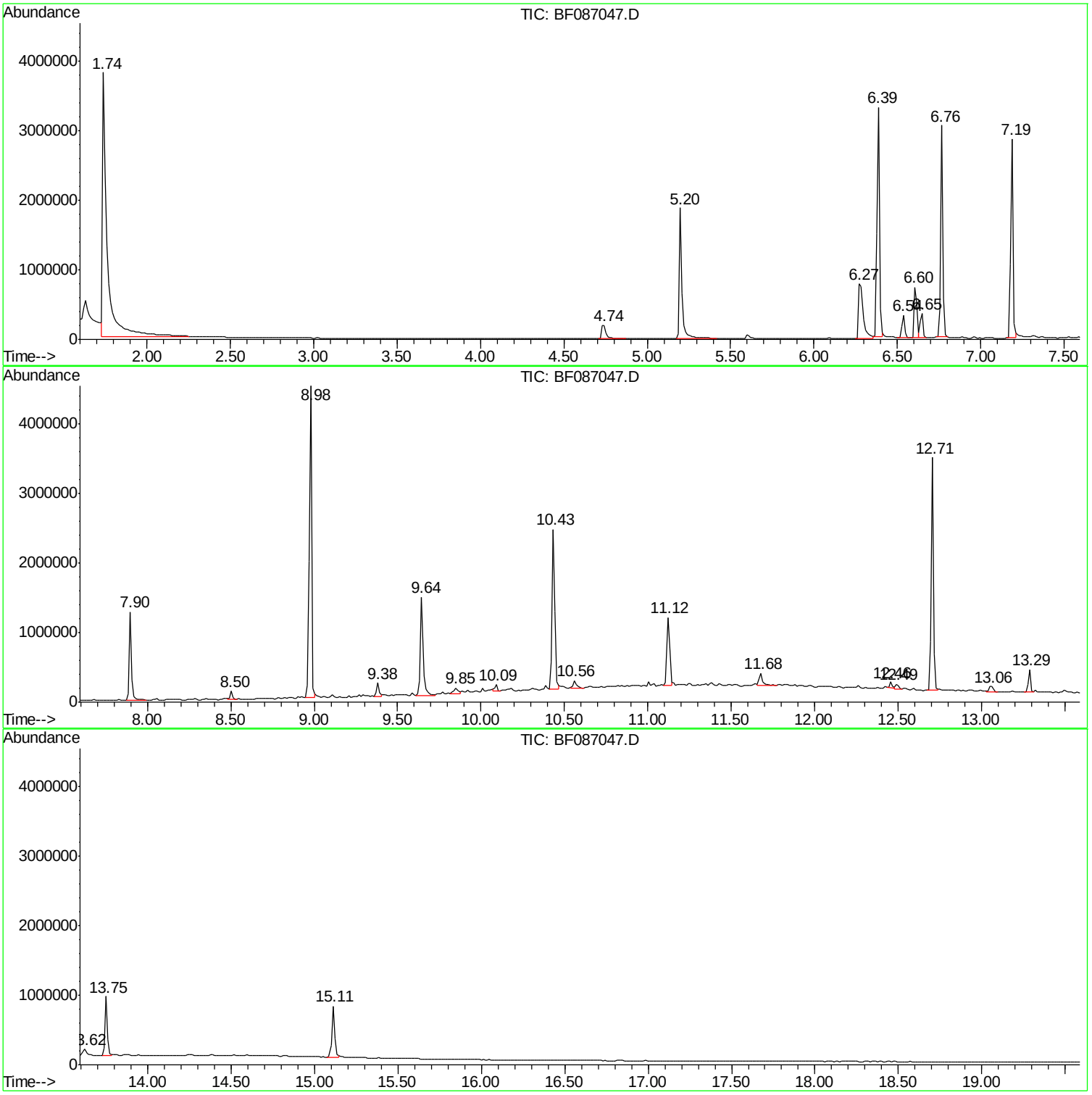
Instrument :
BNA_F
ClientSampleId :
MW-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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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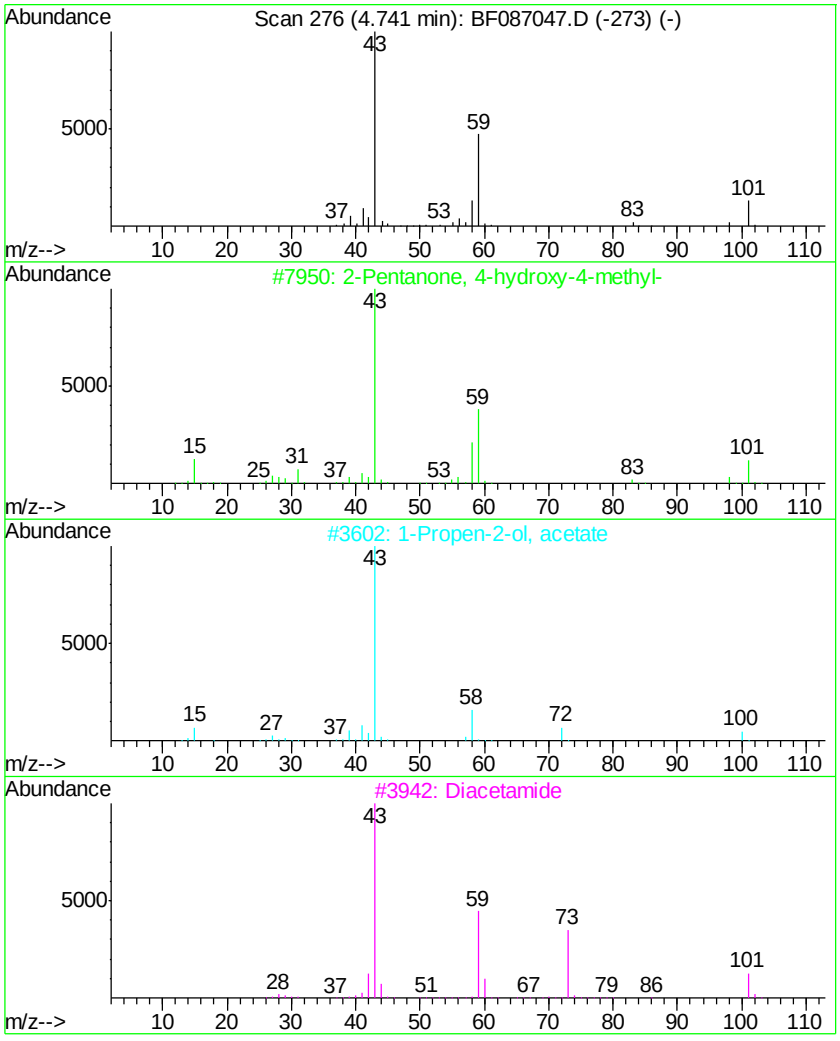
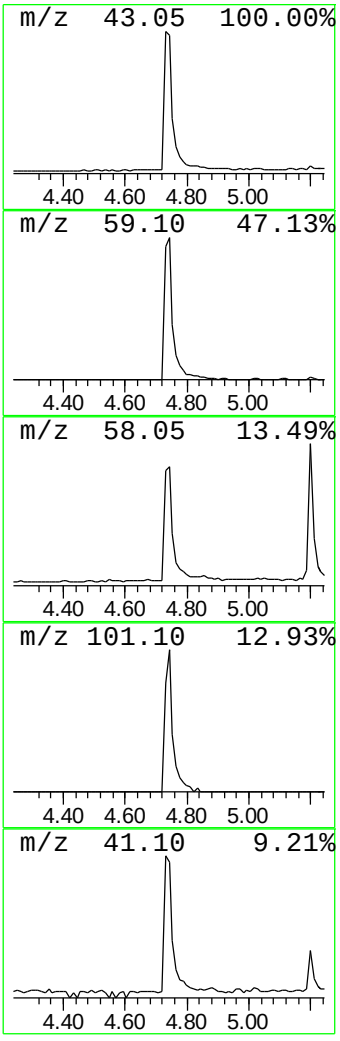
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	8.60 ng	382763	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	Diacetamide	101	C4H7NO2	000625-77-4	9
4	Butane	58	C4H10	000106-97-8	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Operator : UM/SJ
Sample : H3052-02
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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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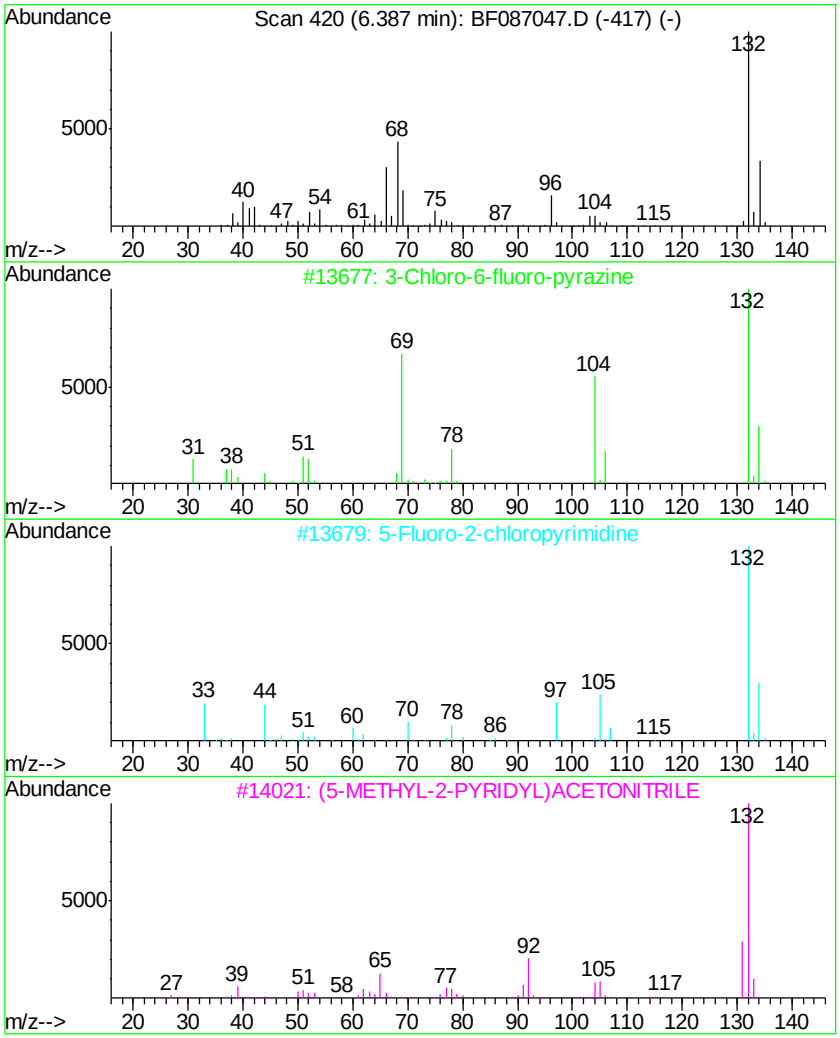
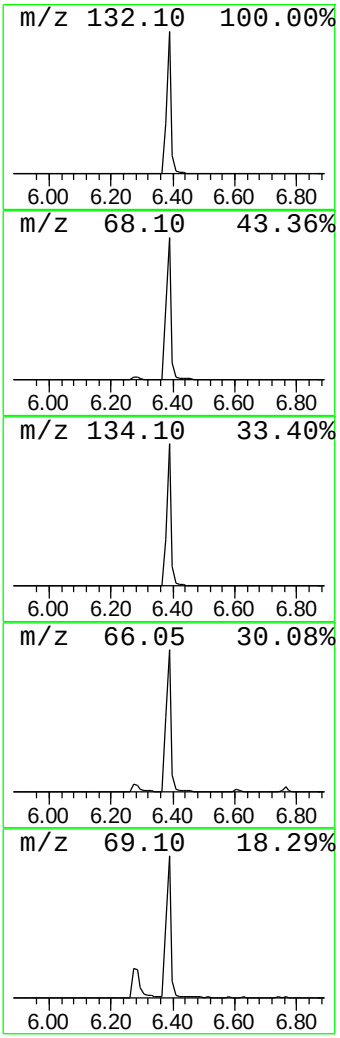
Peak Number 3 unknown6.39 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	80.48 ng	3581610	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9





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Sample : H3052-02
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Instrument : BNA_F
ClientSampleId : MW-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
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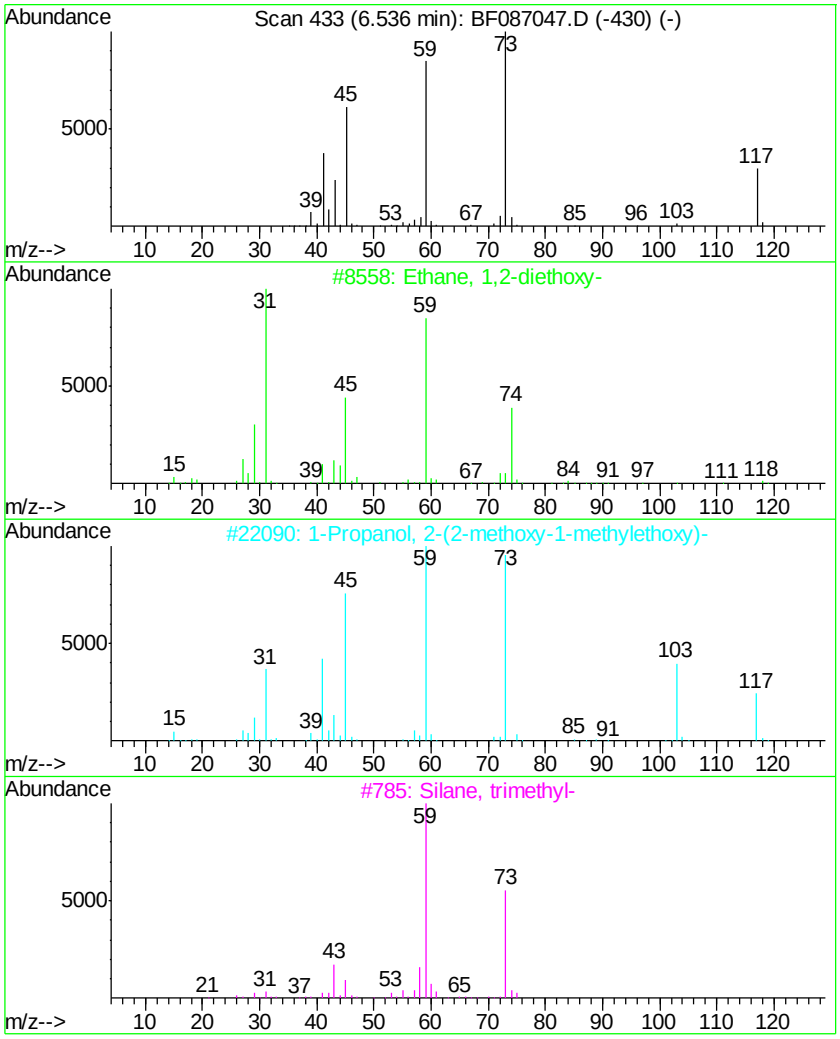
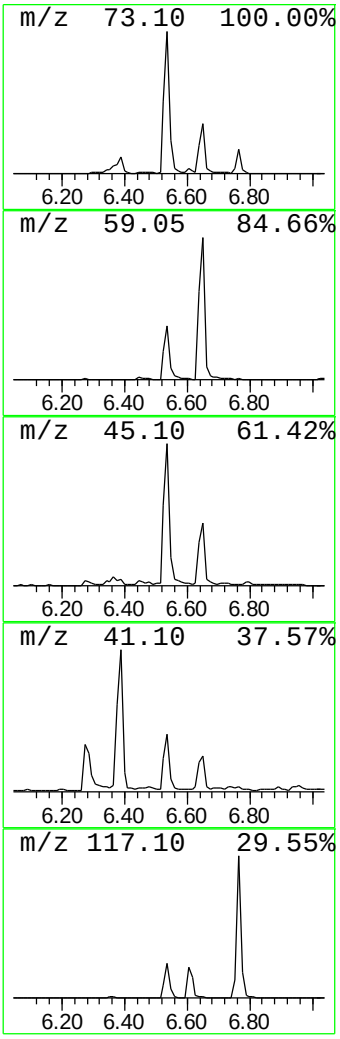
Peak Number 4 Ethane, 1,2-diethoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	8.75 ng	389589	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	59
2	1-Propanol, 2-(2-methoxy-1-methy...	148	C7H16O3	055956-21-3	50
3	Silane, trimethyl-	74	C3H10Si	000993-07-7	47
4	1-Propanol, 2-(2-methoxypropoxy)-	148	C7H16O3	013588-28-8	42
5	Ethane, 1-ethoxy-1-methoxy-	104	C5H12O2	010471-14-4	39





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Sample : H3052-02
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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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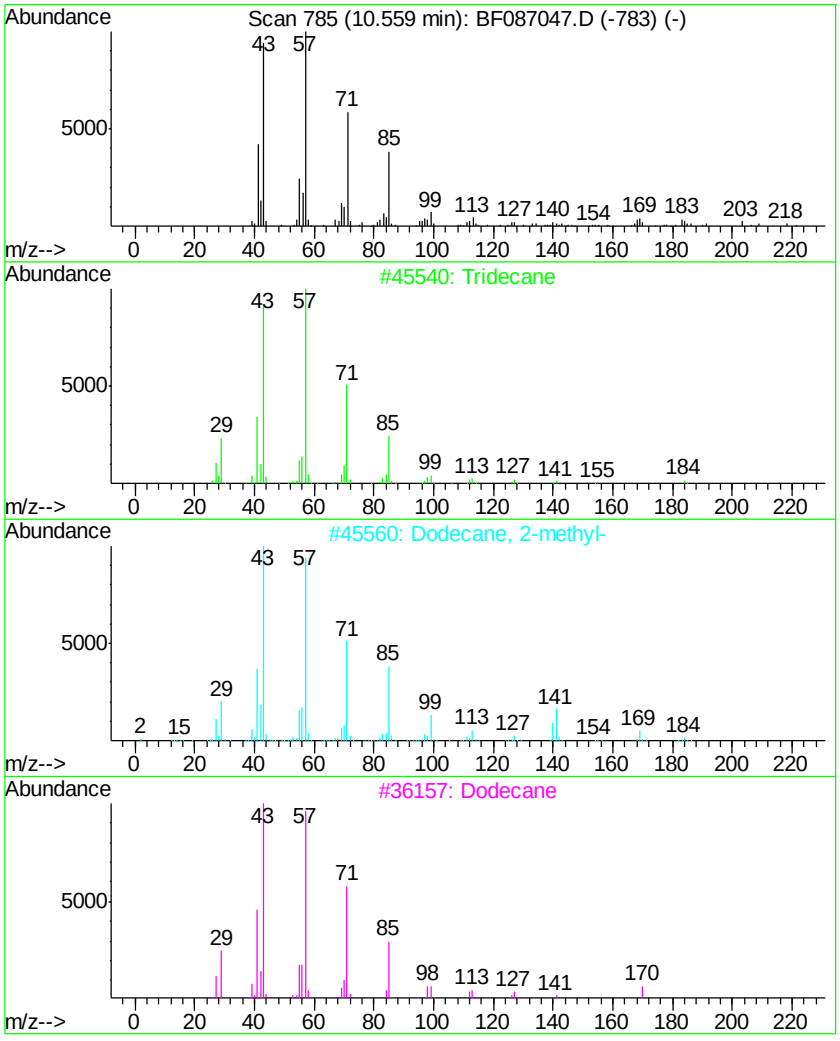
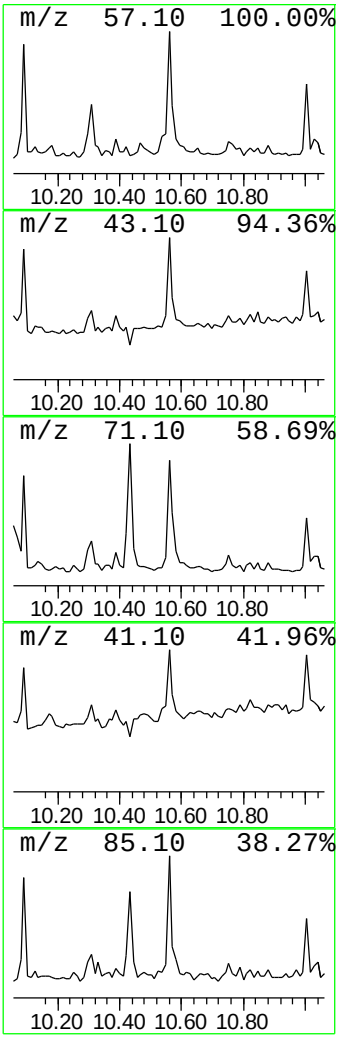
Peak Number 6 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	2.90 ng	155434	Phenanthrene-d10	11.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
3	Dodecane	170	C12H26	000112-40-3	87
4	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	74
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	74





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Operator : UM/SJ
Sample : H3052-02
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
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TIC Library : C:\DATABASE\NIST02.L
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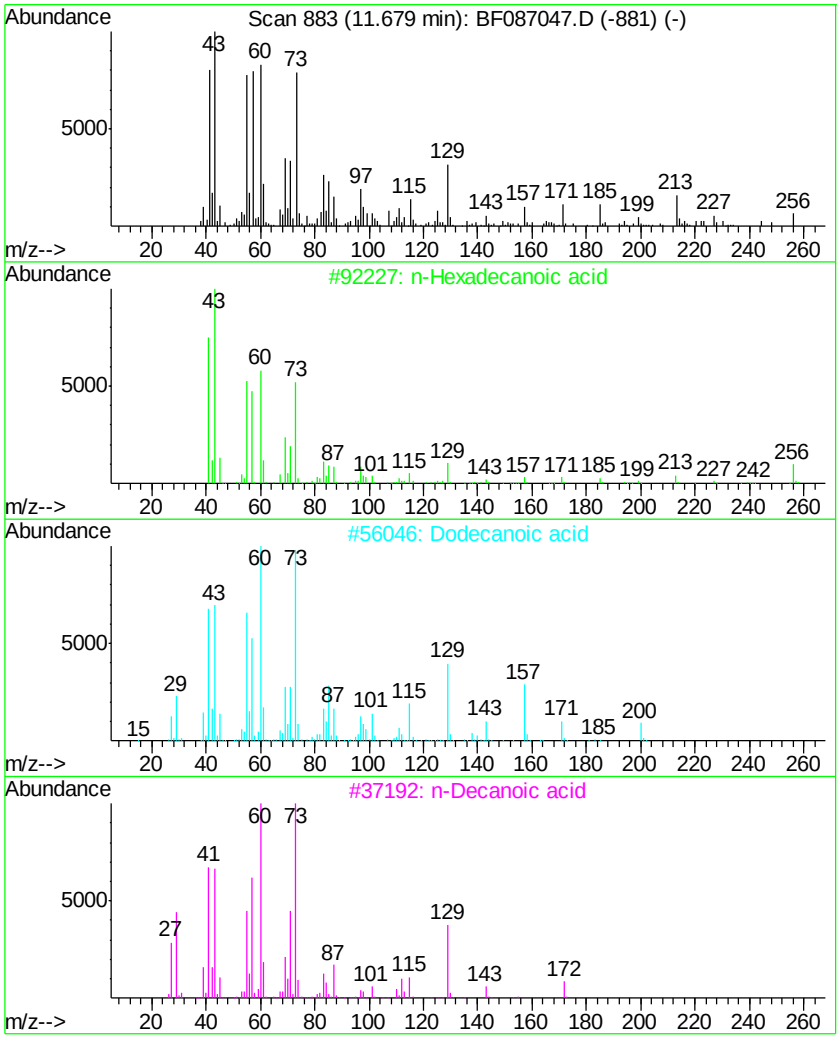
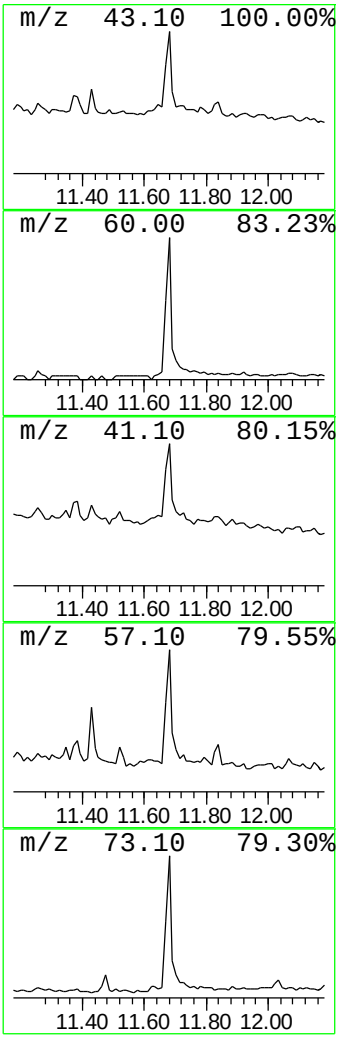
Peak Number 7 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	5.45 ng	291874	Phenanthrene-d10	11.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
2	Dodecanoic acid	200	C12H24O2	000143-07-7	64
3	n-Decanoic acid	172	C10H20O2	000334-48-5	60
4	Tridecanoic acid	214	C13H26O2	000638-53-9	59
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	56





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Misc :
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Instrument : BNA_F
ClientSampleId : MW-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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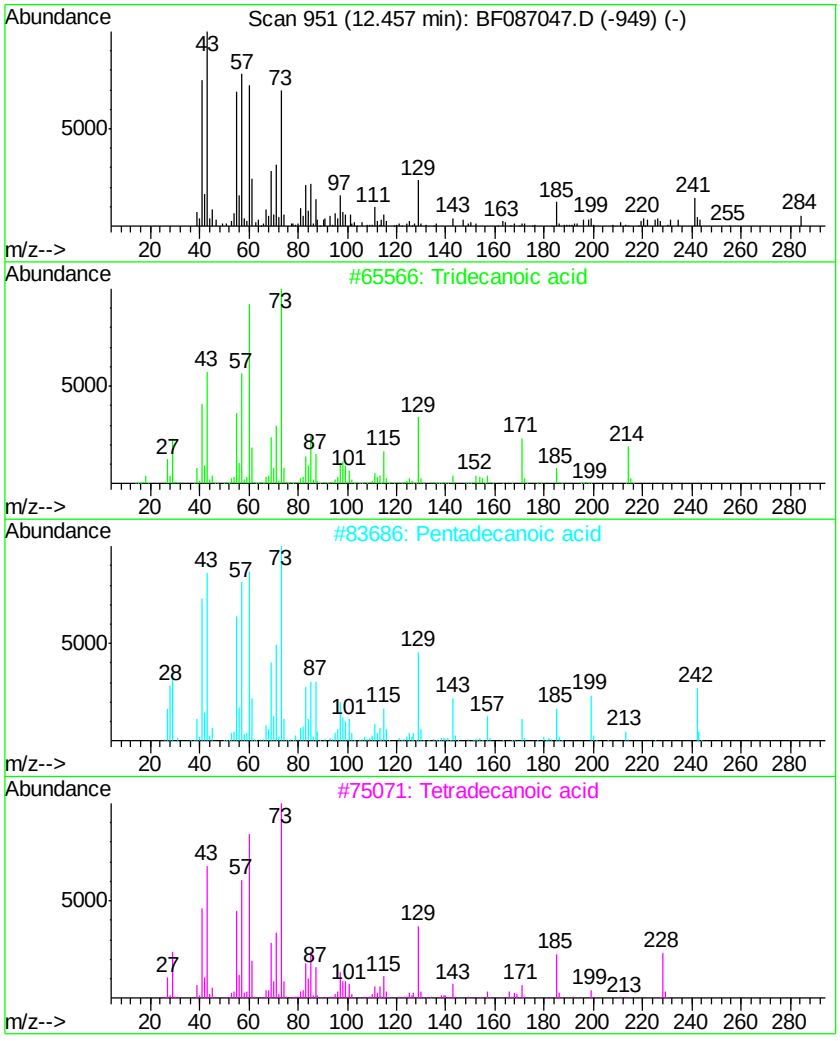
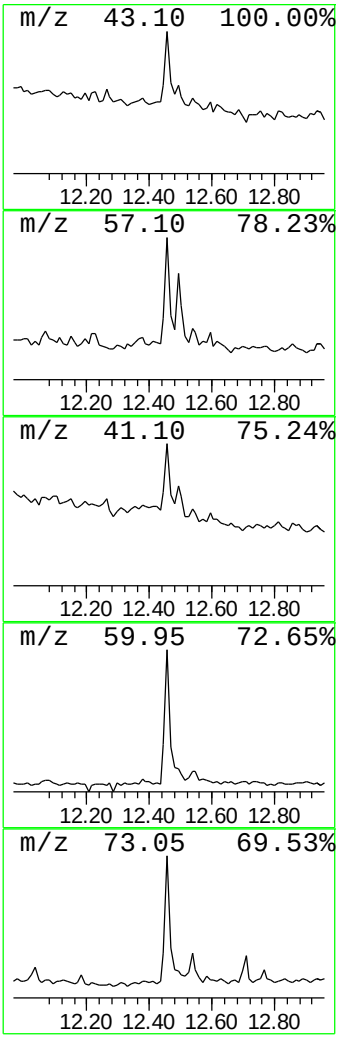
Peak Number 8 Tridecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	2.22 ng	93113	Chrysene-d12	13.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	50
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	50
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	47
5	Dodecanoic acid	200	C12H24O2	000143-07-7	47





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TIC Library : C:\DATABASE\NIST02.L
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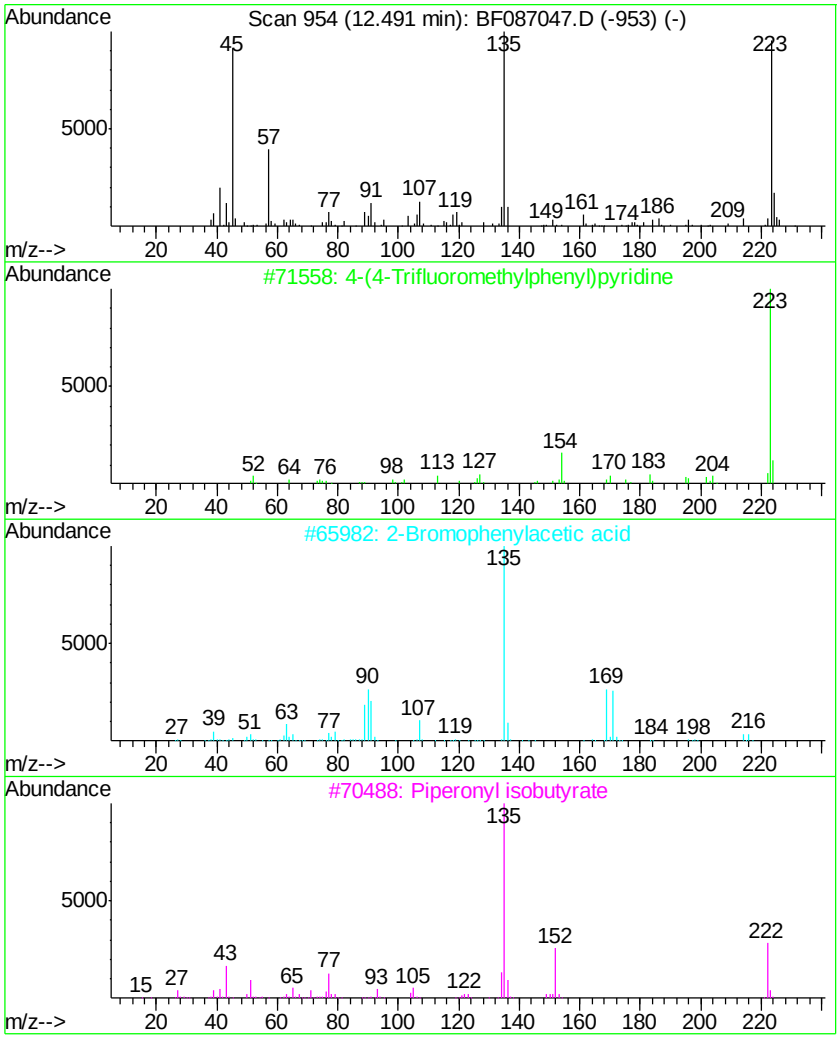
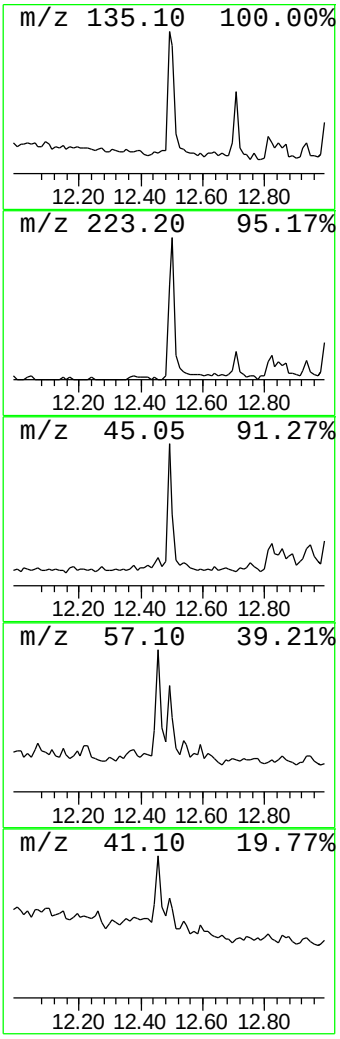
Peak Number 9 unknown12.49 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	2.34 ng	98376	Chrysene-d12	13.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4-Trifluoromethylphenyl)pyridine	223	C12H8F3N	220000-88-4	27
2	2-Bromophenylacetic acid	214	C8H7BrO2	018698-97-0	25
3	Piperonyl isobutyrate	222	C12H14O4	005461-08-5	22
4	Carbamothioic acid, [[(4-methoxy...	268	C11H12N2O4S	079340-19-5	22
5	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	22





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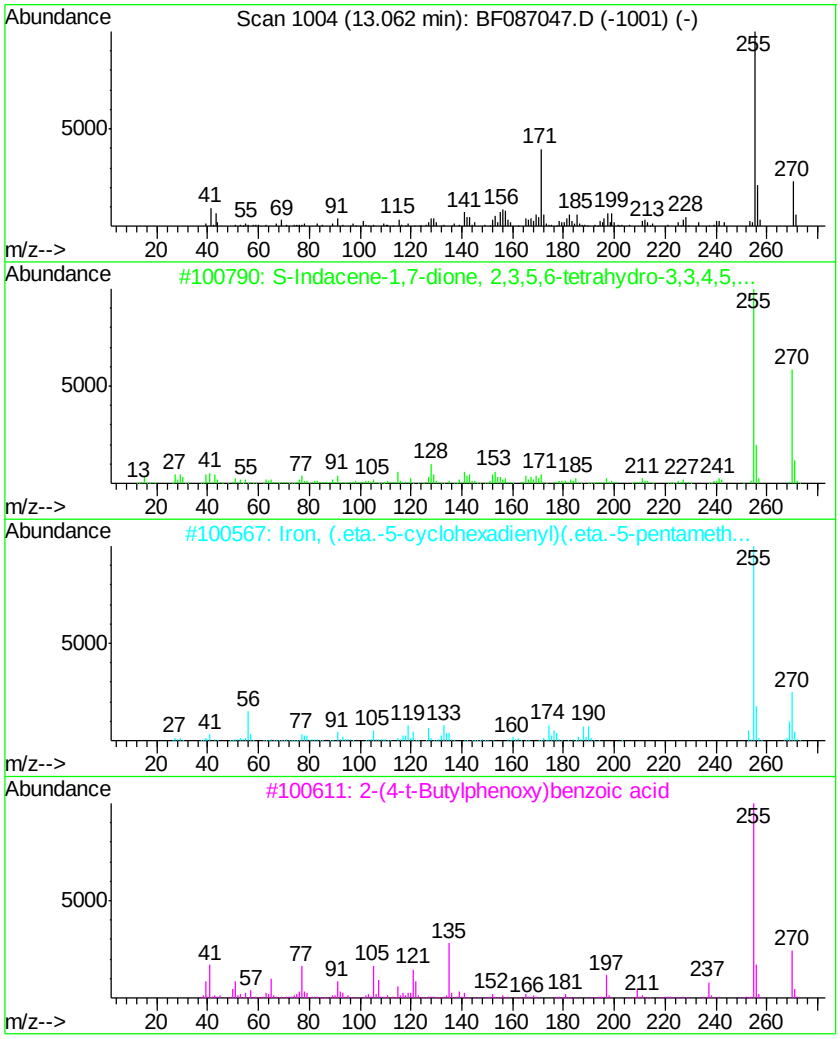
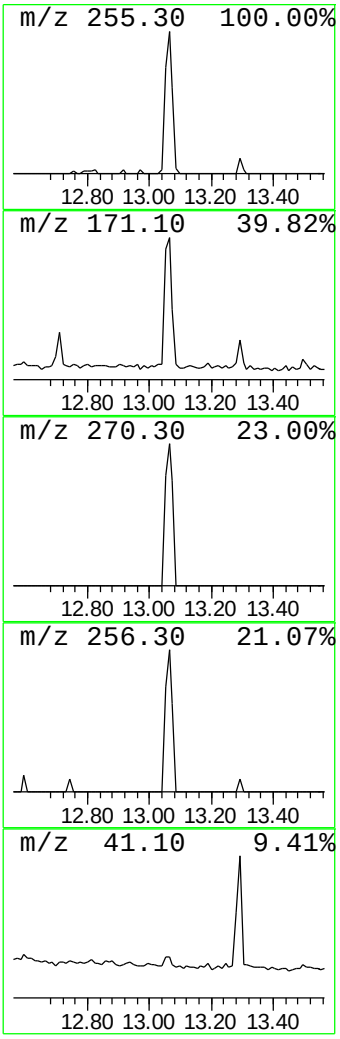
Peak Number 10 S-Indacene-1,7-dione, 2,3,5... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	3.18 ng	133471	Chrysene-d12	13.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	S-Indacene-1,7-dione, 2,3,5,6-te...	270	C18H22O2	055591-16-7	64
2	Iron, (.eta.-5-cyclohexadienyl)(...	270	C16H22Fe	1000162-99-3	40
3	2-(4-t-Butylphenoxy)benzoic acid	270	C17H18O3	069737-65-1	40
4	Myristic acid, 2-(1-octadecenylo...	523	C34H66O3	030760-01-1	38
5	Myristic acid, 2-(1-octadecenylo...	523	C34H66O3	030760-02-2	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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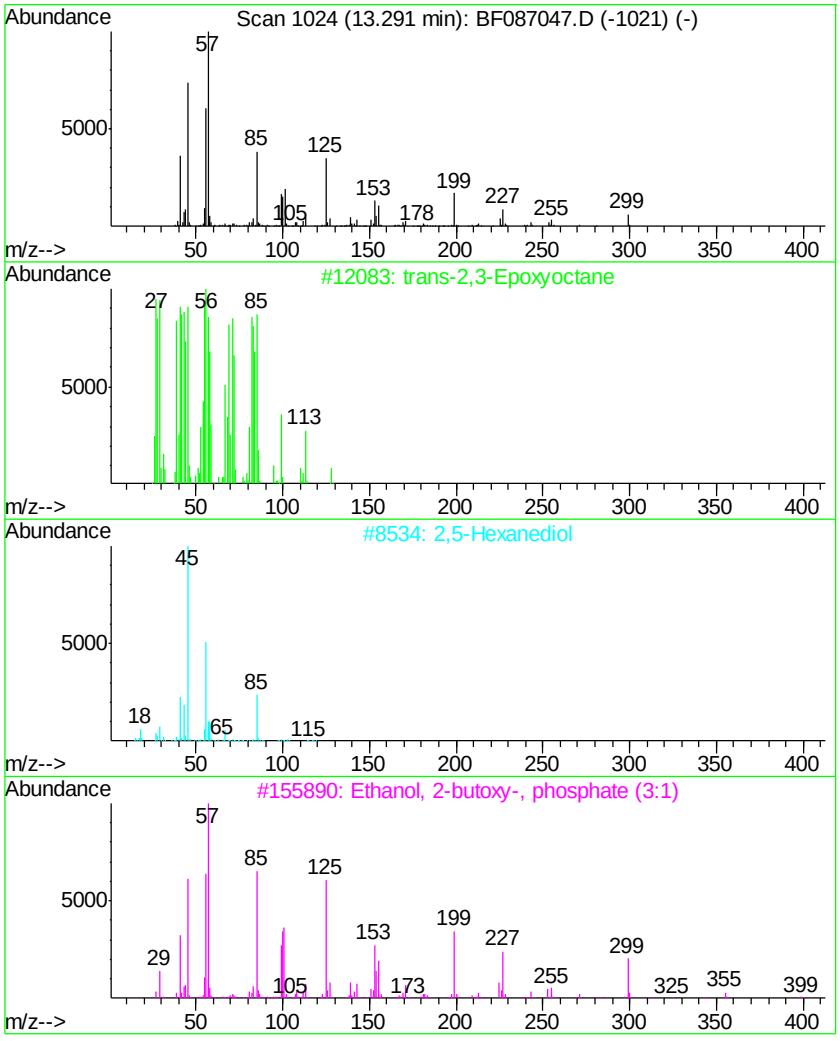
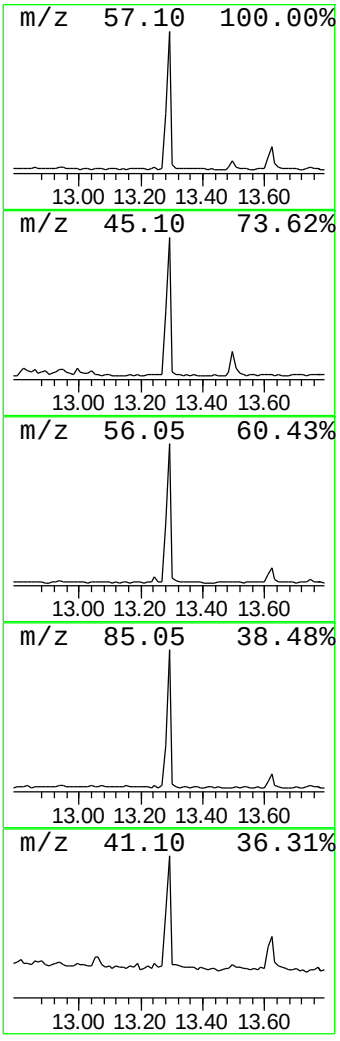
Peak Number 11 trans-2,3-Epoxyoctane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	7.51 ng	315129	Chrysene-d12	13.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-2,3-Epoxyoctane	128	C8H16O	028180-70-3	50
2	2,5-Hexanediol	118	C6H14O2	002935-44-6	40
3	Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	38
4	Di-sec-butyl ether	130	C8H18O	006863-58-7	27
5	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	27





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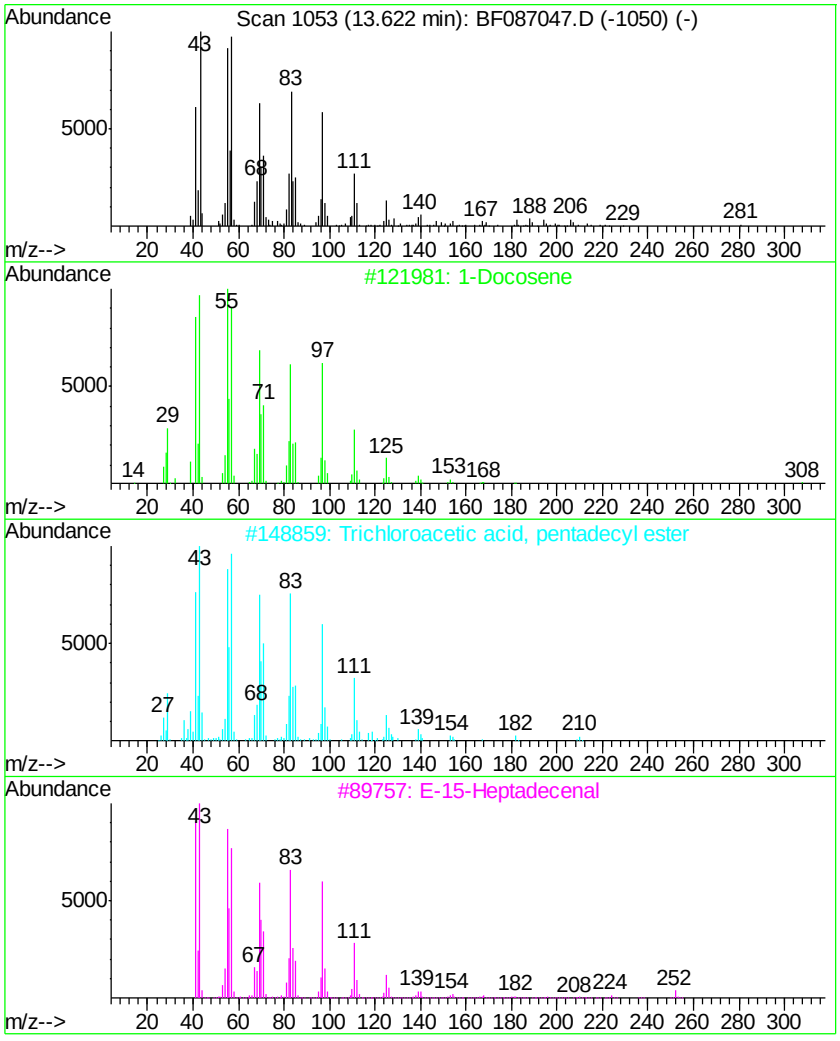
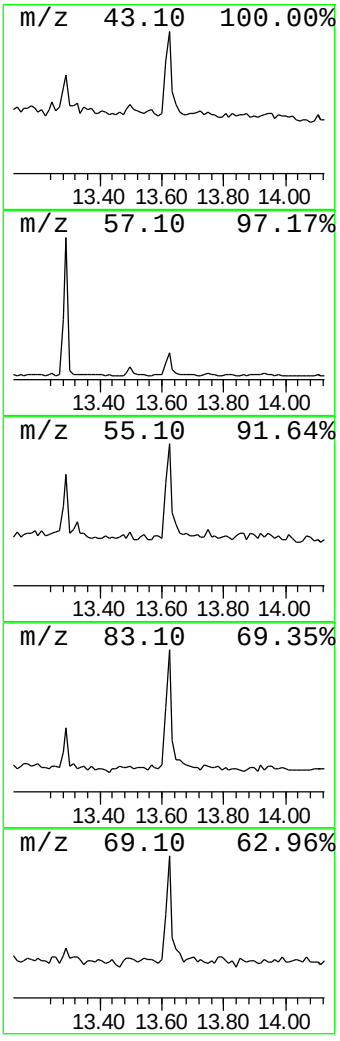
Peak Number 12 1-Docosene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	2.94 ng	123240	Chrysene-d12	13.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	93
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
3	E-15-Heptadecenal	252	C17H32O	1000130-97-9	87
4	Cyclohexadecane	224	C16H32	000295-65-8	87
5	1-Heptadecanol	256	C17H36O	001454-85-9	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087047.D
Acq On : 15 May 2016 4:24
Operator : UM/SJ
Sample : H3052-02
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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
2-Pentanone, 4-hy...	4.74	8.6	ng	382763	1	6.60	890021	20.0
unknown6.39	6.39	80.5	ng	3581610	1	6.60	890021	20.0
Ethane, 1,2-dieth...	6.54	8.8	ng	389589	1	6.60	890021	20.0
Tridecane	10.56	2.9	ng	155434	4	11.12	1070270	20.0
n-Hexadecanoic acid	11.68	5.5	ng	291874	4	11.12	1070270	20.0
Tridecanoic acid	12.46	2.2	ng	93113	5	13.75	839700	20.0
unknown12.49	12.49	2.3	ng	98376	5	13.75	839700	20.0
S-Indacene-1,7-di...	13.06	3.2	ng	133471	5	13.75	839700	20.0
trans-2,3-Epoxyoc...	13.29	7.5	ng	315129	5	13.75	839700	20.0
1-Docosene	13.62	2.9	ng	123240	5	13.75	839700	20.0