LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086934.D
Acq On : 12 May 2016 16:58
Operator : UM/SJ
Sample : H2977-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 90TH-AVE-SB-18-0.5-6.0

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	1.632	3	4	12	rVB	864406	1333580	13.09%	2.617%
2	1.747	12	14	50	rVB	3890369	10185813	100.00%	19.990%
3	4.764	276	278	285	rBV	229568	364958	3.58%	0.716%
4	5.221	315	318	320	rBV	2877061	3793865	37.25%	7.445%
5	6.284	408	411	414	rBV	3218114	3622753	35.57%	7.110%
6	6.399	418	421	423	rBV	3113943	3935465	38.64%	7.723%
7	6.616	438	440	443	rBV	1008972	1085817	10.66%	2.131%
8	6.776	451	454	456	rBV	3232216	2941229	28.88%	5.772%
9	7.199	488	491	493	rBV	1906162	2702865	26.54%	5.304%
10	7.907	551	553	555	rBV	1627353	1485502	14.58%	2.915%
11	8.993	644	648	650	rBV	3109474	4287916	42.10%	8.415%
12	9.393	680	683	684	rBV	492369	647970	6.36%	1.272%
13	9.599	699	701	704	rBV	160538	218302	2.14%	0.428%
14	9.656	704	706	708	rVB	1739699	1626153	15.96%	3.191%
15	9.828	719	721	725	rBV3	57983	105532	1.04%	0.207%
16	10.102	737	745	747	rBV	251165	294946	2.90%	0.579%
17	10.319	761	764	767	rVB	72383	108062	1.06%	0.212%
18	10.445	772	775	777	rBV	2811445	2744609	26.95%	5.386%
19	10.570	784	786	790	rVB	252598	282884	2.78%	0.555%
20	11.016	823	825	827	rBV	150080	175447	1.72%	0.344%
21	11.131	833	835	838	rBV	1721236	1622077	15.92%	3.183%
22	11.679	881	883	891	rBV	166028	256203	2.52%	0.503%
23	12.719	971	974	976	rBV	4074316	4012977	39.40%	7.875%
24	13.211	1014	1017	1019	rBV	48764	105062	1.03%	0.206%
25	13.314	1022	1026	1030	rVB3	87026	136894	1.34%	0.269%
26	13.634	1051	1054	1062	rBV	98555	237127	2.33%	0.465%
27	13.759	1062	1065	1067	rBV	1591065	1523620	14.96%	2.990%
28	15.120	1181	1184	1187	rBV	902727	1013965	9.95%	1.990%
29	18.046	1436	1440	1443	rBV4	44574	103622	1.02%	0.203%

Sum of corrected areas: 50955215

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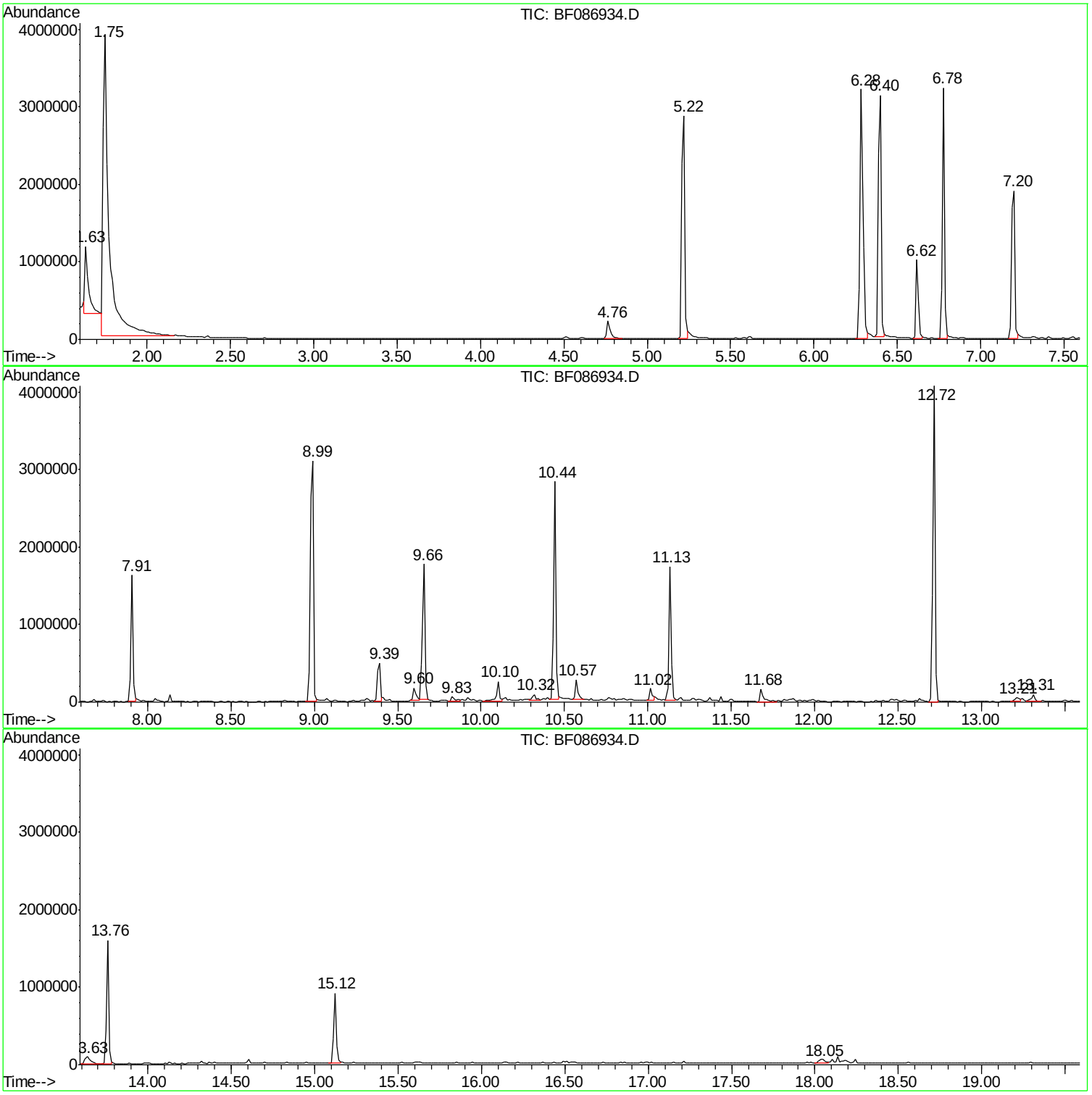
ClientSampleId :
90TH-AVE-SB-18-0.5-6.0

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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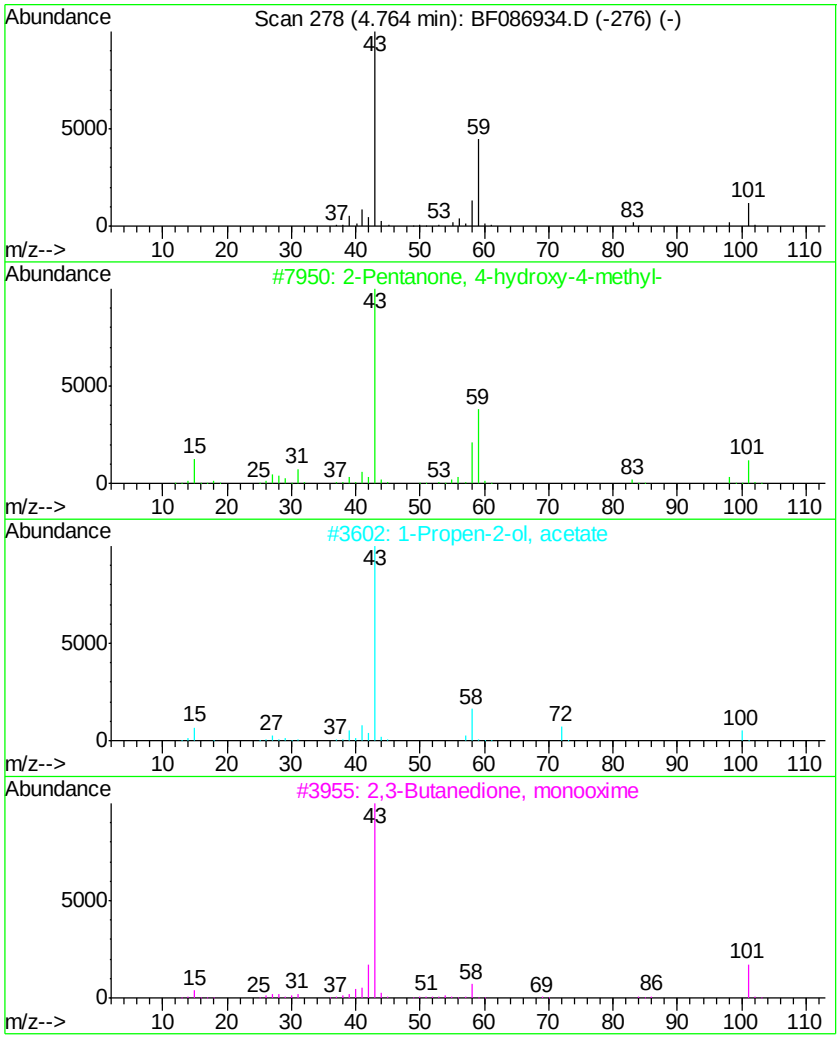
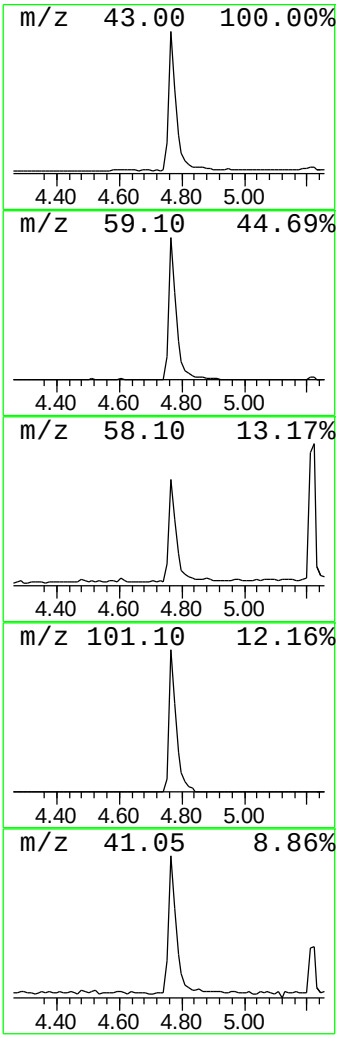
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	6.72 ng	364958	1,4-Dichlorobenzene-d4	6.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9
5	Acetic acid, 2-propenyl ester	100	C5H8O2	000591-87-7	9





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Data File : BF086934.D
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Operator : UM/SJ
Sample : H2977-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
90TH-AVE-SB-18-0.5-6.0

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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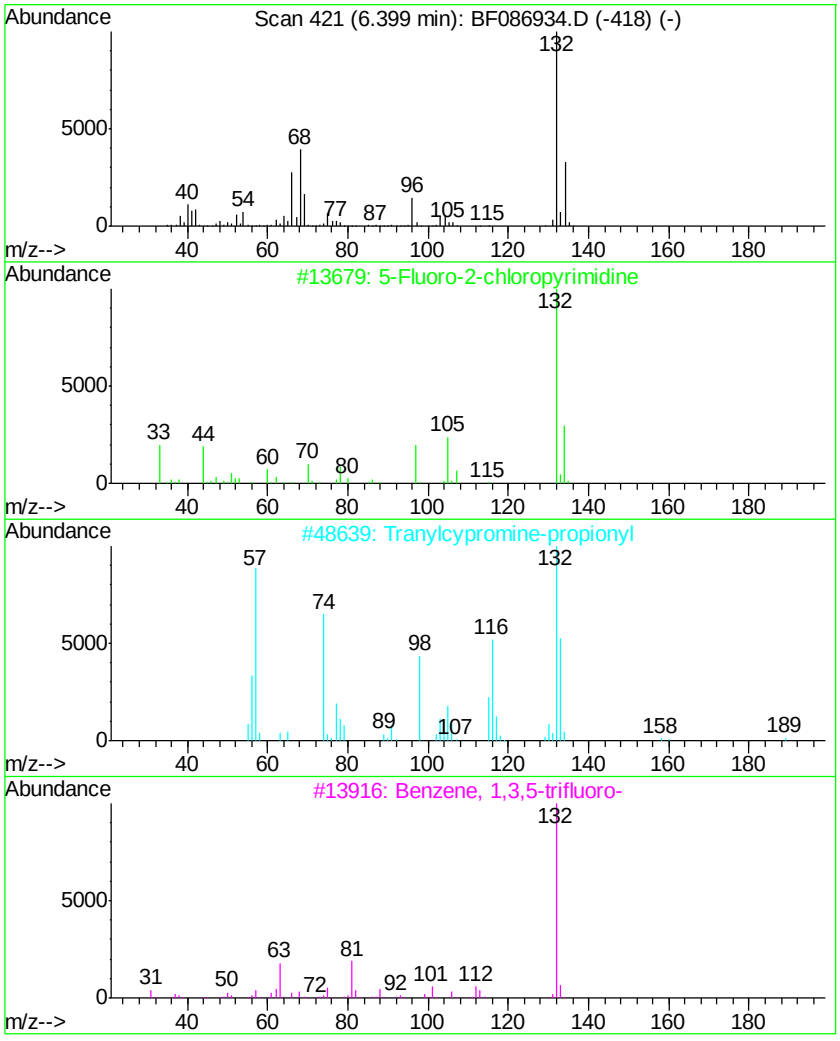
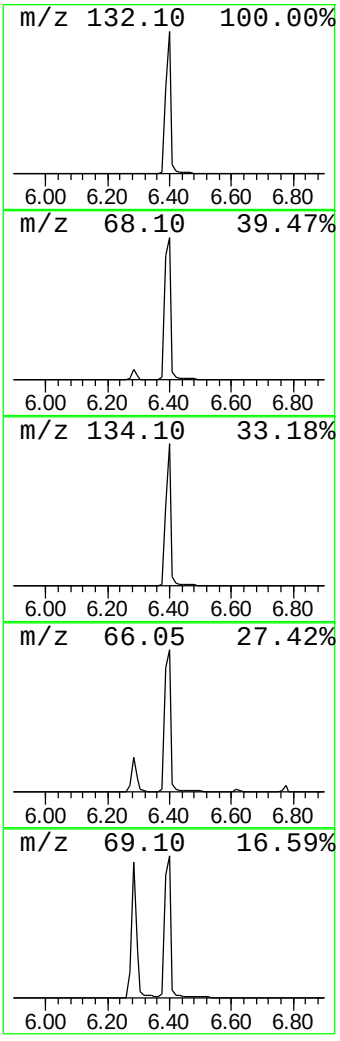
Peak Number 4 unknown6.40 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	72.49 ng	3935470	1,4-Dichlorobenzene-d4	6.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4	Xenon	132	Xe	007440-63-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Operator : UM/SJ
Sample : H2977-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
90TH-AVE-SB-18-0.5-6.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
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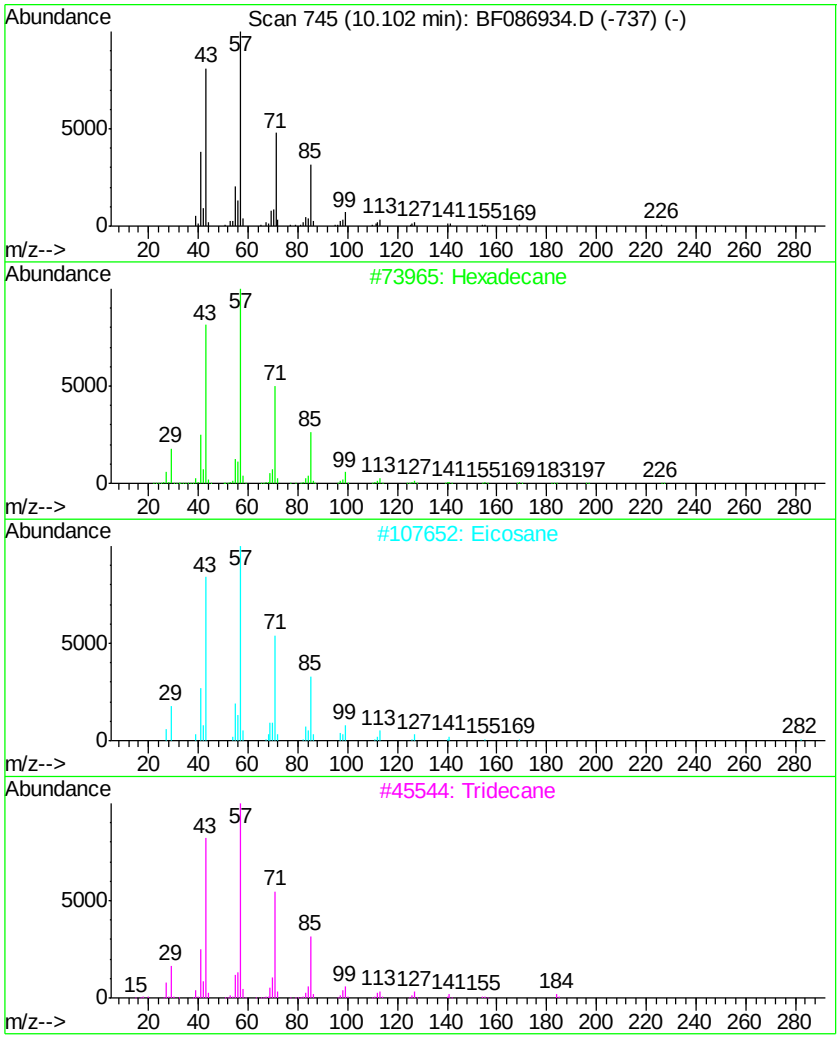
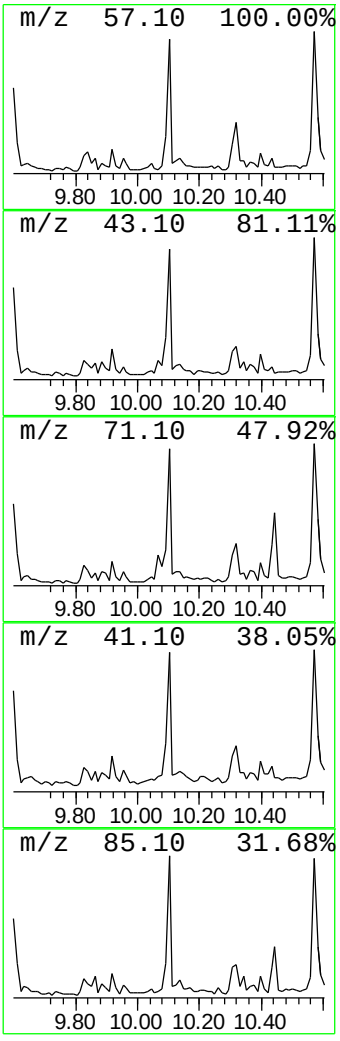
Peak Number 7 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	3.63 ng	294946	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Eicosane	282	C20H42	000112-95-8	91
3	Tridecane	184	C13H28	000629-50-5	86
4	Decane, 3-bromo-	220	C10H21Br	030571-71-2	80
5	Octadecane	254	C18H38	000593-45-3	80





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Instrument :
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ClientSampleId :
90TH-AVE-SB-18-0.5-6.0

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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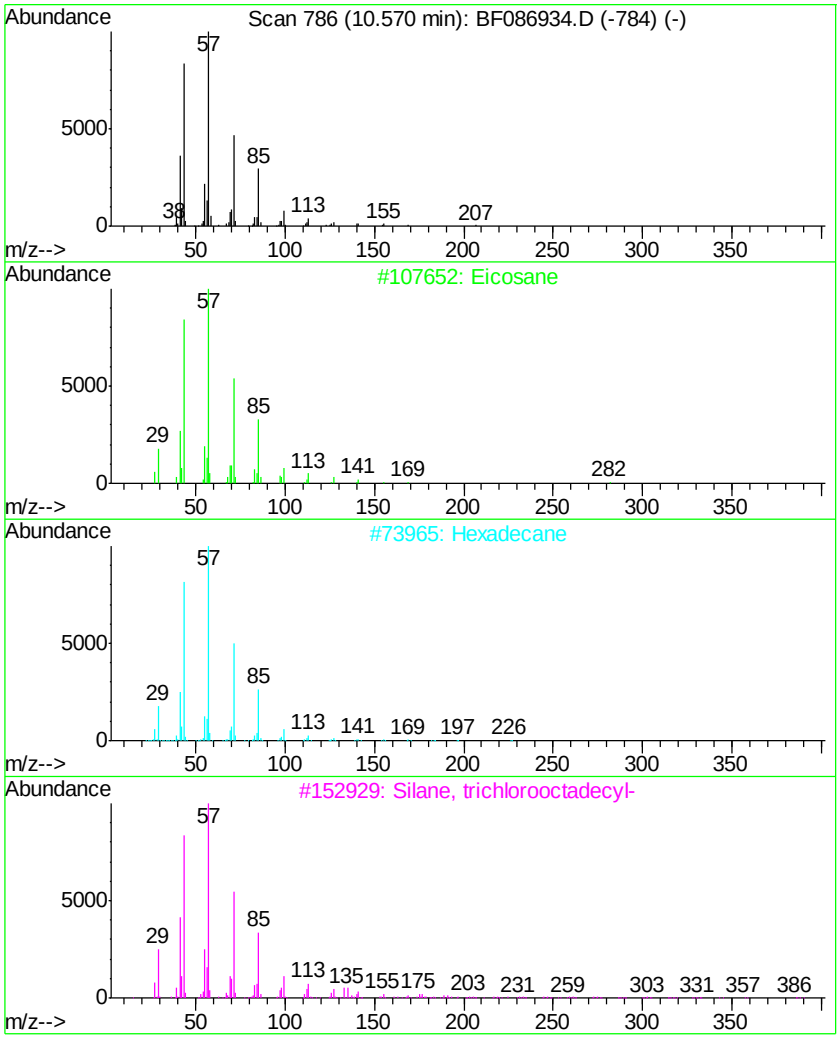
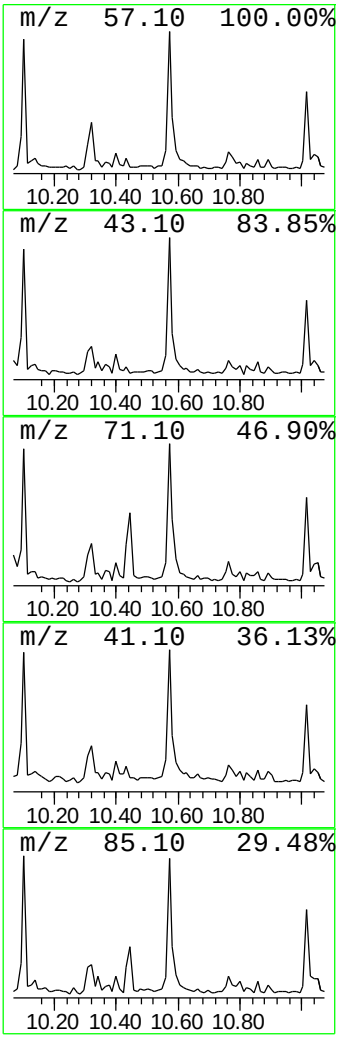
Peak Number 8 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	3.49 ng	282884	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
4	Tridecane	184	C13H28	000629-50-5	86
5	Octadecane	254	C18H38	000593-45-3	86





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Sample : H2977-02
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
90TH-AVE-SB-18-0.5-6.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
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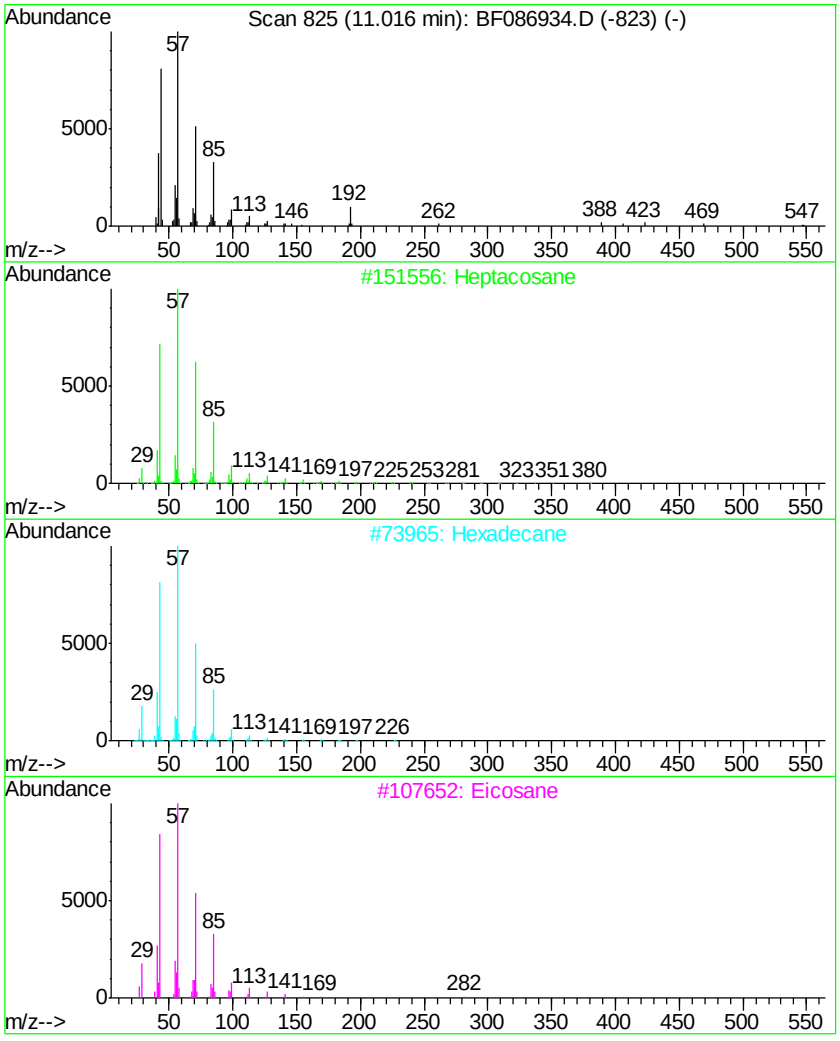
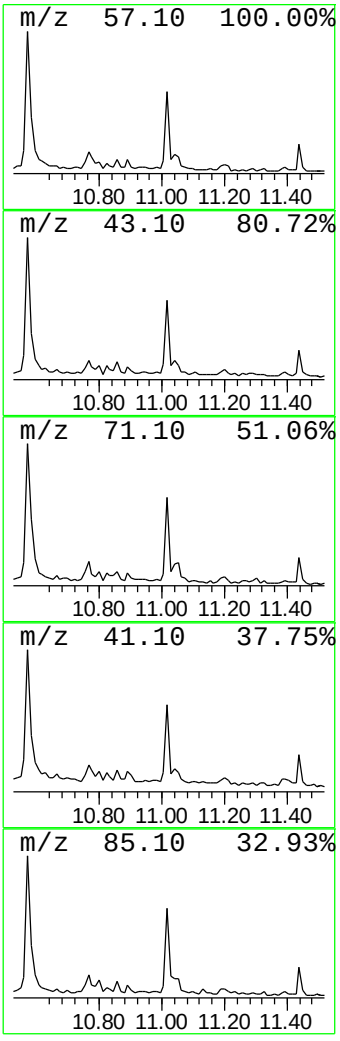
Peak Number 9 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	2.16 ng	175447	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	68
2	Hexadecane	226	C16H34	000544-76-3	68
3	Eicosane	282	C20H42	000112-95-8	64
4	Octadecane	254	C18H38	000593-45-3	64
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64





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Operator : UM/SJ
Sample : H2977-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
90TH-AVE-SB-18-0.5-6.0

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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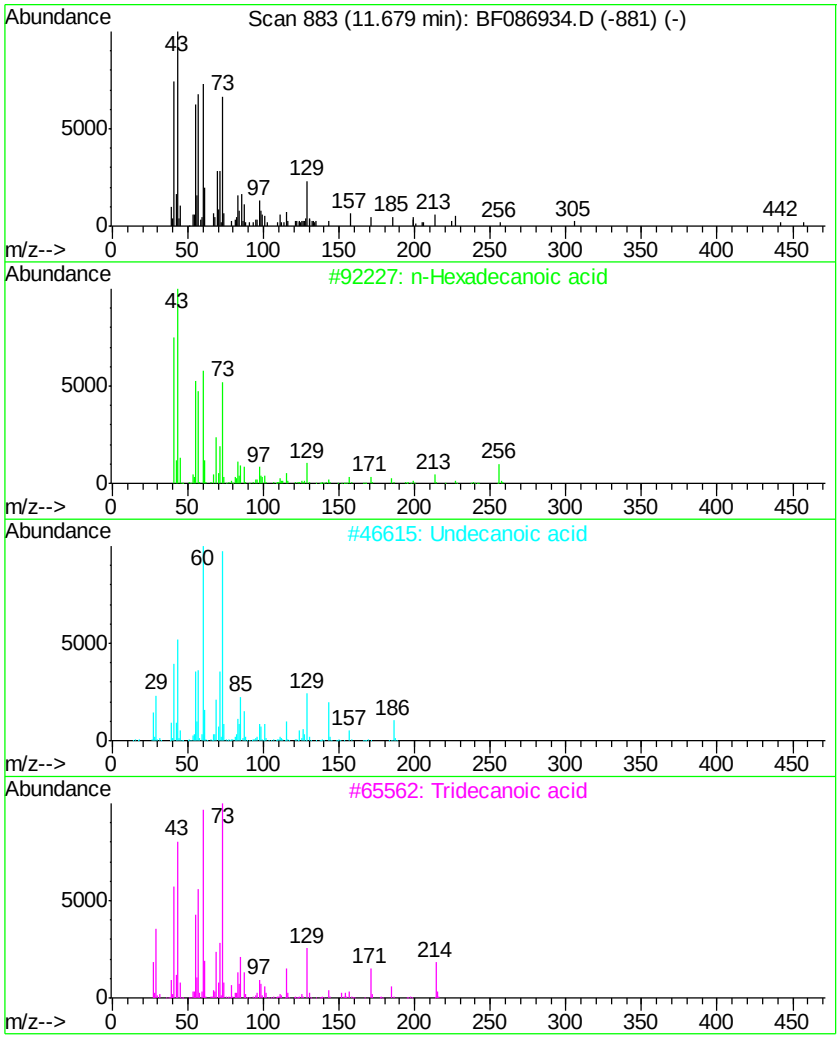
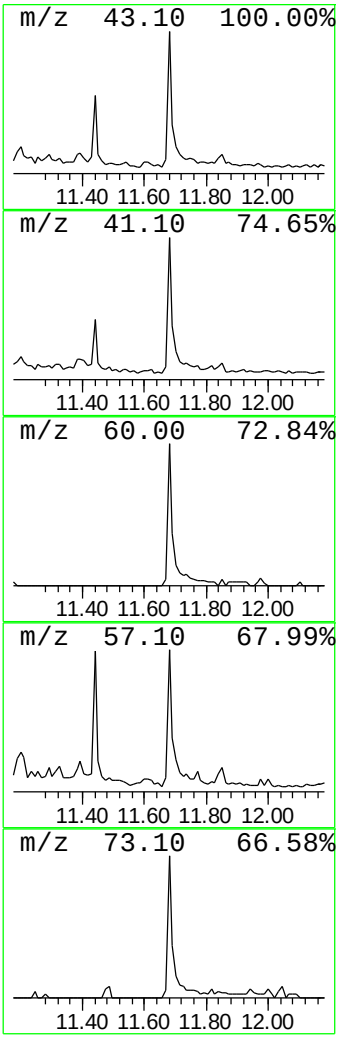
Peak Number 10 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	3.16 ng	256203	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Undecanoic acid	186	C11H22O2	000112-37-8	86
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	72





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ClientSampleId : 90TH-AVE-SB-18-0.5-6.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
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TIC Library : C:\DATABASE\NIST02.L
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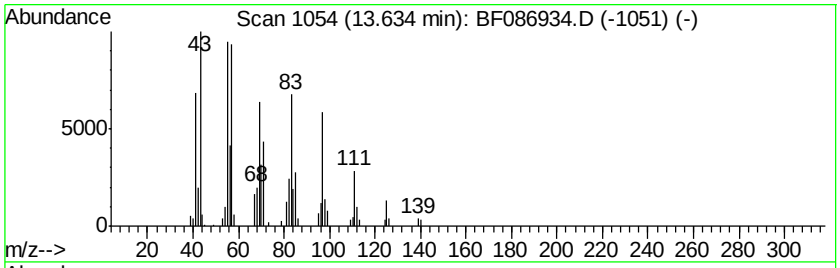
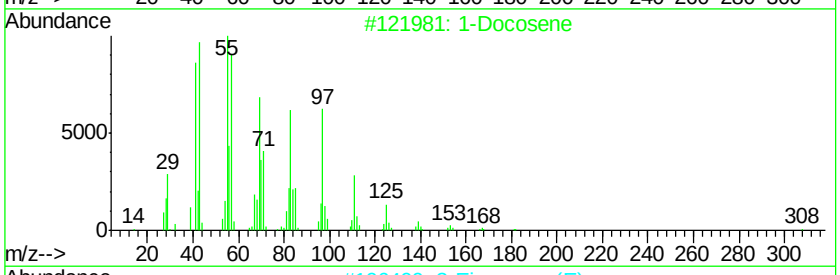
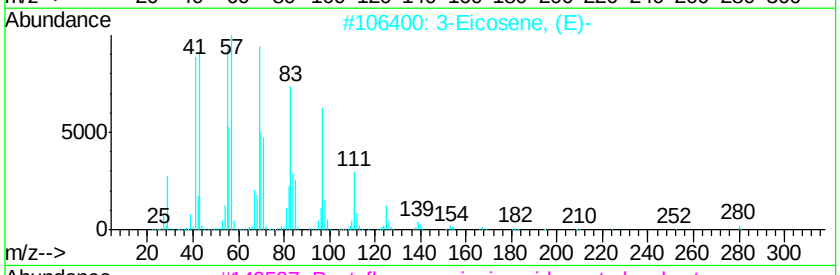
Peak Number 11 1-Docosene Concentration Rank 9

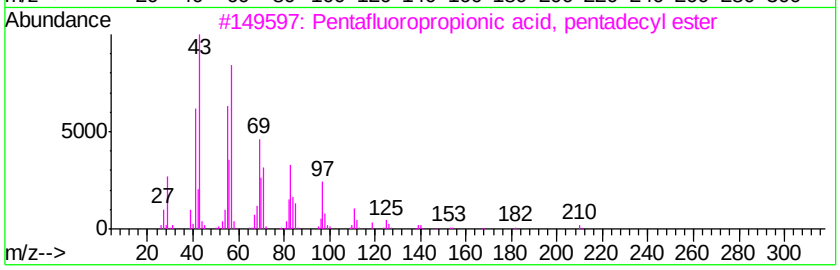
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	3.11 ng	237127	Chrysene-d12	13.76

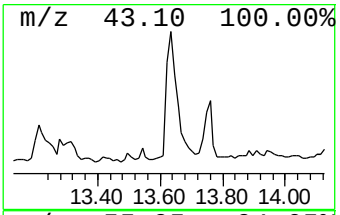
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	1000280-07-5	91
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	90
5	1-Tetracosanol	354	C24H50O	000506-51-4	87

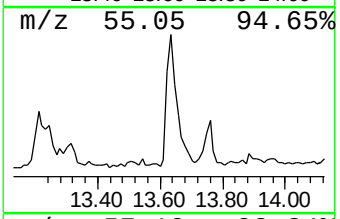


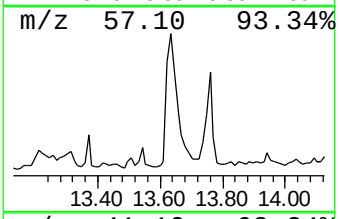


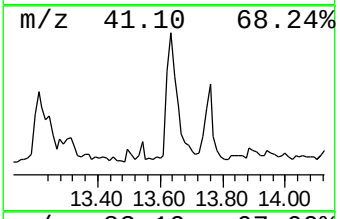


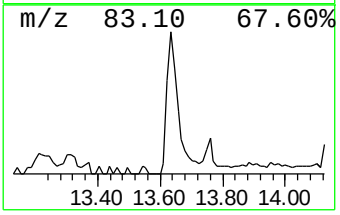












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Operator : UM/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : 90TH-AVE-SB-18-0.5-6.0

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

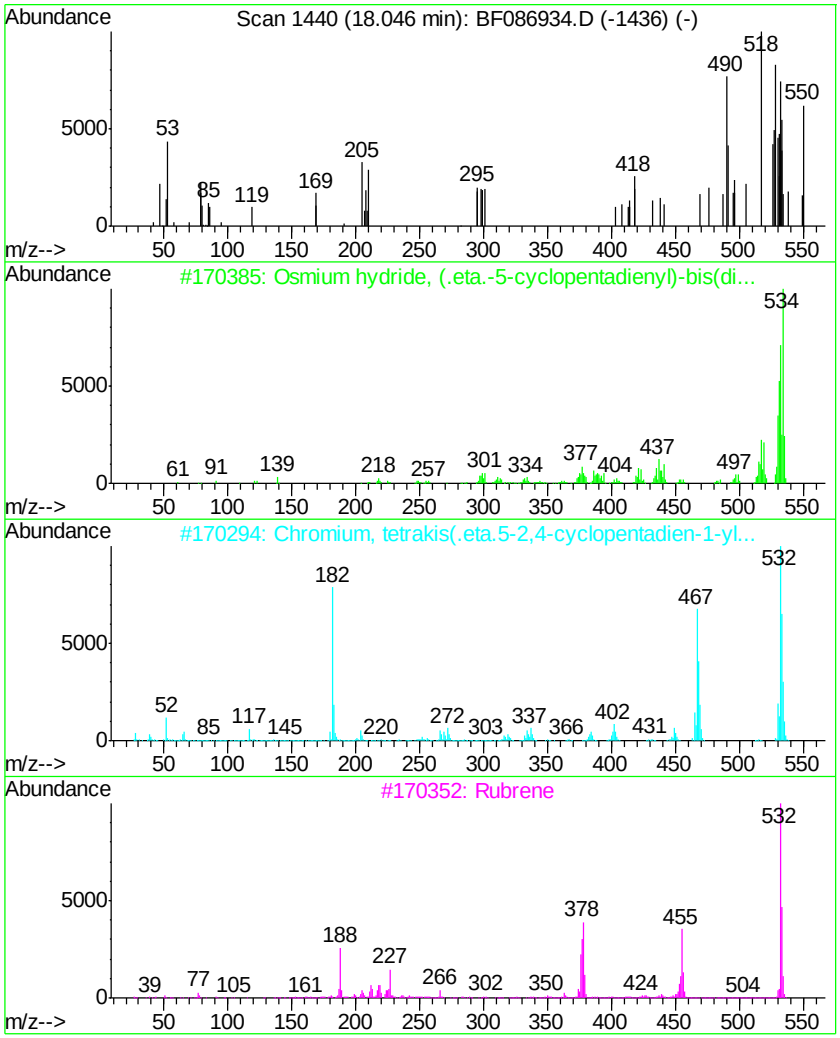
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

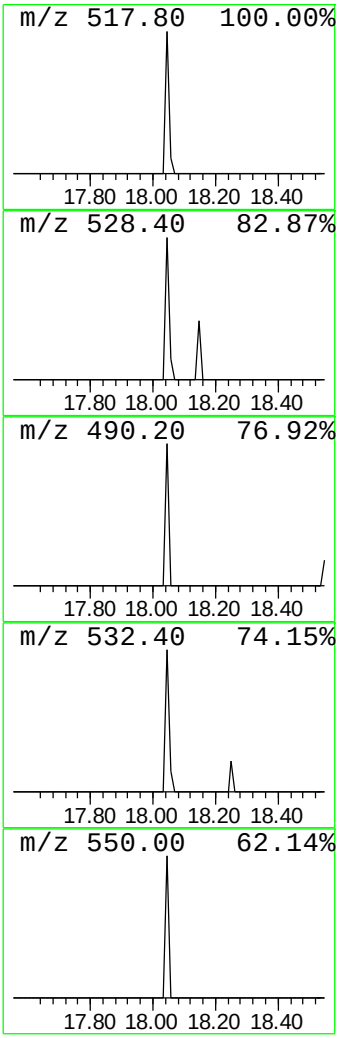
****

Peak Number 12 unknown18.05 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	2.04 ng	103622	Perylene-d12	15.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Osmium hydride, (.eta.-5-cyclope...	534	C21H28OsP2	1000158-66-2	14
2	Chromium, tetrakis(.eta.5-2,4-cy...	532	C20H20Cr4O4	079417-63-3	10
3	Rubrene	532	C42H28	000517-51-1	9
4	Thiophene, 5-hexadecyl-3-methyl-...	533	C36H68S	059782-75-1	9
5	Thiophene, 3-methyl-5-octadecyl-...	533	C36H68S	059782-73-9	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086934.D
Acq On : 12 May 2016 16:58
Operator : UM/SJ
Sample : H2977-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 90TH-AVE-SB-18-0.5-6.0

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...	4.76	6.7	ng	364958	1	6.62	1085820	20.0
unknown6.40	6.40	72.5	ng	3935470	1	6.62	1085820	20.0
Hexadecane	10.10	3.6	ng	294946	3	9.66	1626150	20.0
Eicosane	10.57	3.5	ng	282884	4	11.13	1622080	20.0
Heptacosane	11.02	2.2	ng	175447	4	11.13	1622080	20.0
n-Hexadecanoic acid	11.68	3.2	ng	256203	4	11.13	1622080	20.0
1-Docosene	13.63	3.1	ng	237127	5	13.76	1523620	20.0
unknown18.05	18.05	2.0	ng	103622	6	15.12	1013970	20.0