LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085929.D
Acq On : 31 Mar 2016 16:00
Operator : UM/SJ
Sample : H2075-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-13

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-BF032416.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	4.973	233	235	245	rBV	60302	95740	3.04%	0.346%
2	5.384	268	271	274	rBV	2446550	2469337	78.34%	8.935%
3	6.424	360	362	365	rBV	1877281	2695138	85.50%	9.752%
4	6.561	371	374	376	rBV	1999863	2814734	89.29%	10.185%
5	6.790	391	394	396	rBV	655137	666600	21.15%	2.412%
6	6.939	405	407	410	rBV	1831533	2110211	66.94%	7.636%
7	7.362	441	444	446	rBV	1319889	1848178	58.63%	6.688%
8	7.464	450	453	459	rVB	54271	72716	2.31%	0.263%
9	8.070	504	506	509	rBV	931799	869716	27.59%	3.147%
10	9.156	598	601	603	rBV	2911129	3152206	100.00%	11.406%
11	9.545	633	635	638	rBV	405066	366238	11.62%	1.325%
12	9.762	652	654	656	rBV	71775	60038	1.90%	0.217%
13	9.830	657	660	662	rVB	866303	909495	28.85%	3.291%
14	10.265	694	698	699	rBV	86278	118657	3.76%	0.429%
15	10.482	713	717	720	rBV	37364	63659	2.02%	0.230%
16	10.619	726	729	731	rBV	1821403	1821045	57.77%	6.589%
17	10.733	737	739	743	rVB	131578	146702	4.65%	0.531%
18	11.179	776	778	779	rBV	94917	78393	2.49%	0.284%
19	11.213	779	781	783	rVV	28001	33439	1.06%	0.121%
20	11.305	787	789	794	rBV2	671015	982427	31.17%	3.555%
21	11.385	794	796	798	rVB2	26303	38431	1.22%	0.139%
22	11.545	807	810	814	rBV2	18937	38142	1.21%	0.138%
23	11.602	814	815	818	rVB	46083	41667	1.32%	0.151%
24	11.842	834	836	842	rVV	134861	145819	4.63%	0.528%
25	11.922	842	843	847	rVB2	29261	39813	1.26%	0.144%
26	12.516	893	895	897	rBV	190157	215119	6.82%	0.778%
27	12.619	903	904	907	rBV	35519	60690	1.93%	0.220%
28	12.745	912	915	919	rVB	196764	241467	7.66%	0.874%
29	12.893	925	928	931	rBV	2400888	2178021	69.10%	7.881%
30	13.122	946	948	952	rBV2	48868	64926	2.06%	0.235%
31	13.465	976	978	980	rBV	119664	109883	3.49%	0.398%
32	13.796	1005	1007	1011	rBV	256891	297143	9.43%	1.075%
33	13.945	1017	1020	1026	rBV2	691777	810474	25.71%	2.933%
34	14.105	1032	1034	1037	rBV	125247	168618	5.35%	0.610%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085929.D
Acq On : 31 Mar 2016 16:00
Operator : UM/SJ
Sample : H2075-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-13

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-BF032416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.414	1059	1061	1063	rBV	137412	139209	4.42%	0.504%
36	14.711	1083	1087	1091	rBV	88398	122197	3.88%	0.442%
37	14.779	1091	1093	1095	rVB	53783	52314	1.66%	0.189%
38	14.962	1106	1109	1113	rBV	101024	185576	5.89%	0.672%
39	15.019	1113	1114	1117	rVB	33279	43225	1.37%	0.156%
40	15.248	1132	1134	1137	rVB	64467	80012	2.54%	0.290%
41	15.305	1137	1139	1141	rBV	86609	103616	3.29%	0.375%
42	15.362	1141	1144	1150	rVB	460509	629004	19.95%	2.276%
43	15.659	1168	1170	1178	rVB3	20609	51102	1.62%	0.185%
44	15.774	1178	1180	1182	rBV	18794	35291	1.12%	0.128%
45	15.991	1197	1199	1207	rVB6	22487	60892	1.93%	0.220%
46	16.391	1231	1234	1238	rBV3	26862	42810	1.36%	0.155%
47	16.734	1261	1264	1272	rVB	42053	110917	3.52%	0.401%
48	17.145	1297	1300	1306	rBV	35439	82647	2.62%	0.299%
49	17.385	1319	1321	1329	rVB4	19994	72008	2.28%	0.261%

Sum of corrected areas: 27635702

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Misc :
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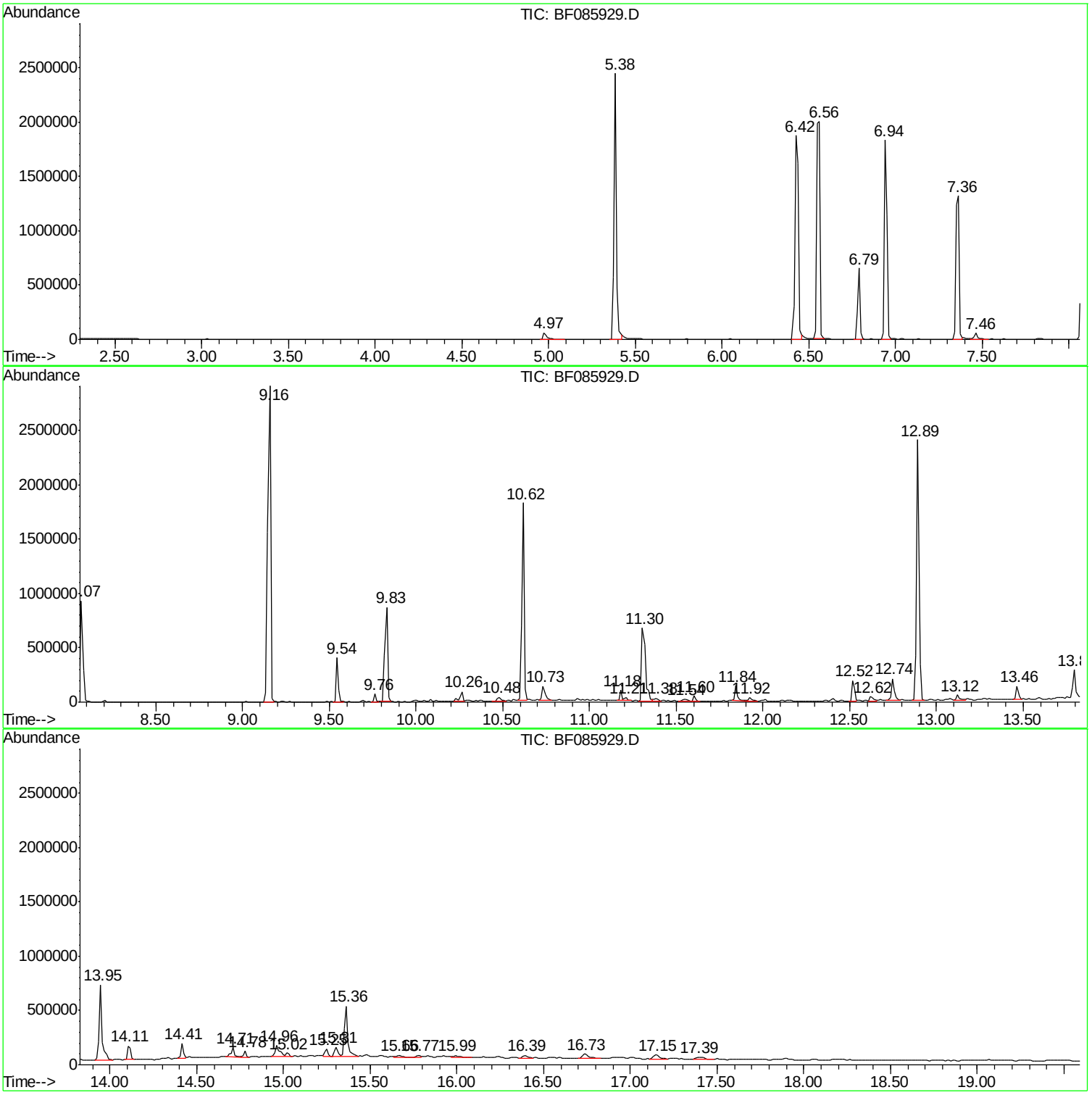
Instrument :
BNA_F
ClientSampleId :
SP-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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\BF033116\
Data File : BF085929.D
Acq On : 31 Mar 2016 16:00
Operator : UM/SJ
Sample : H2075-05
Misc :
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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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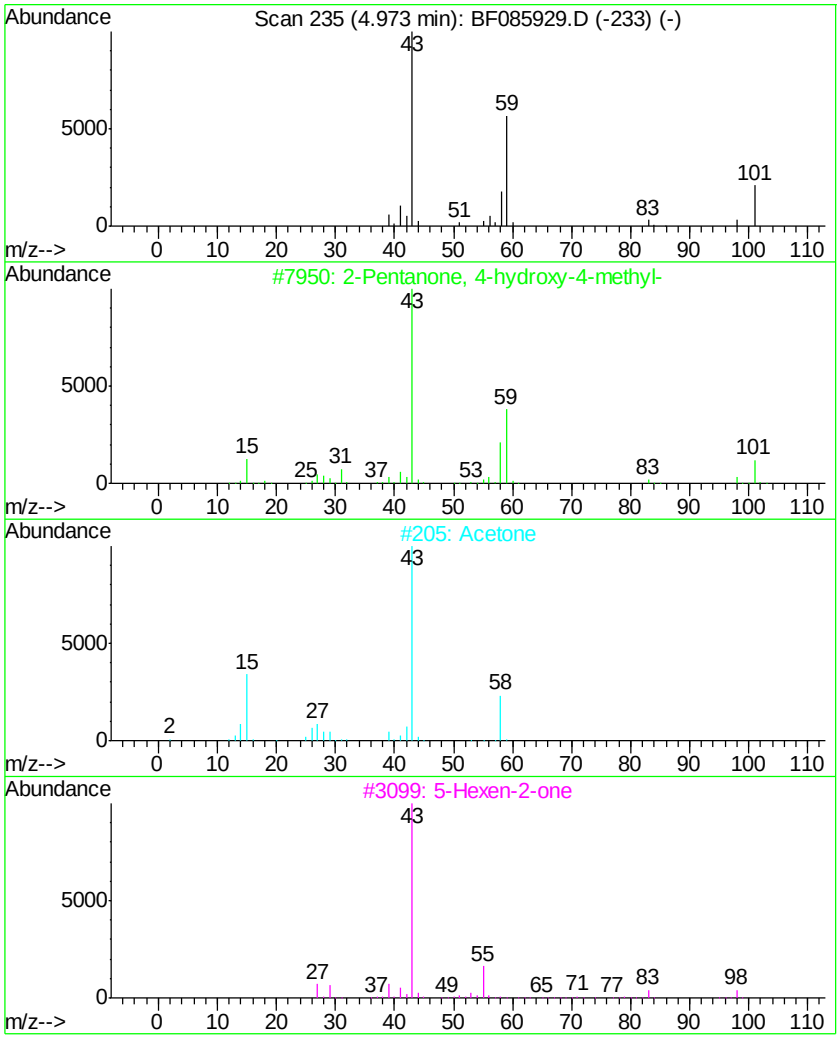
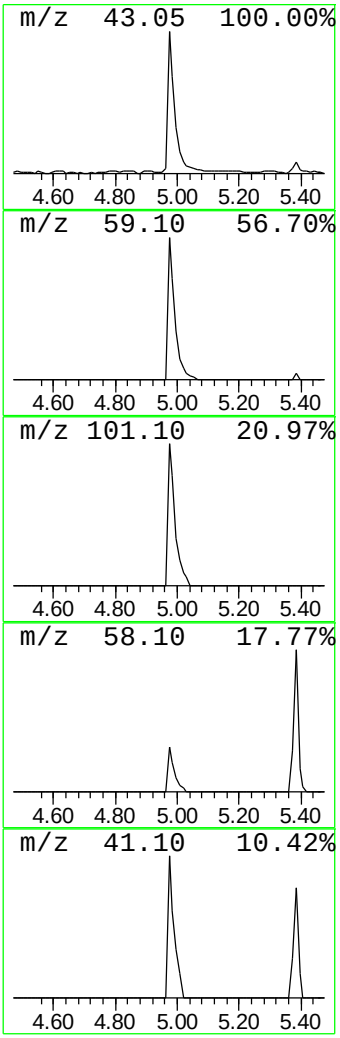
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	2.87 ng	95740	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Acetone	58	C3H6O	000067-64-1	9
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	9
5	5-Oxohexanenitrile	111	C6H9NO	010412-98-3	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085929.D
Acq On : 31 Mar 2016 16:00
Operator : UM/SJ
Sample : H2075-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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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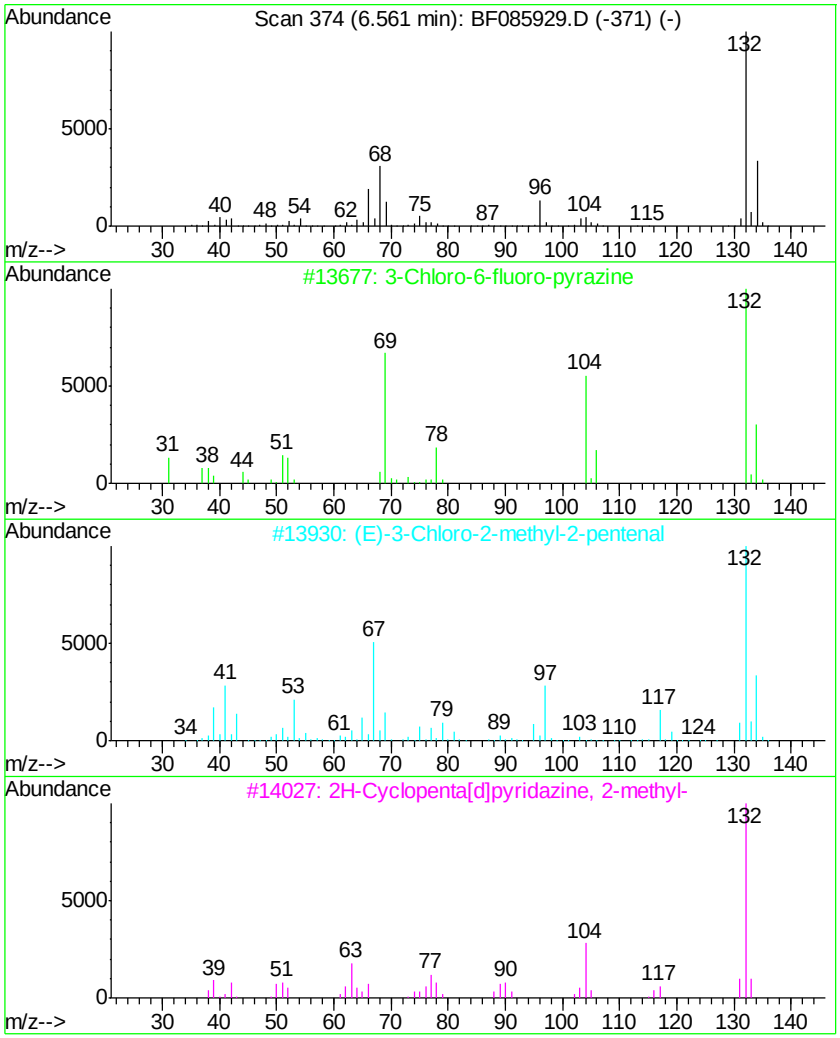
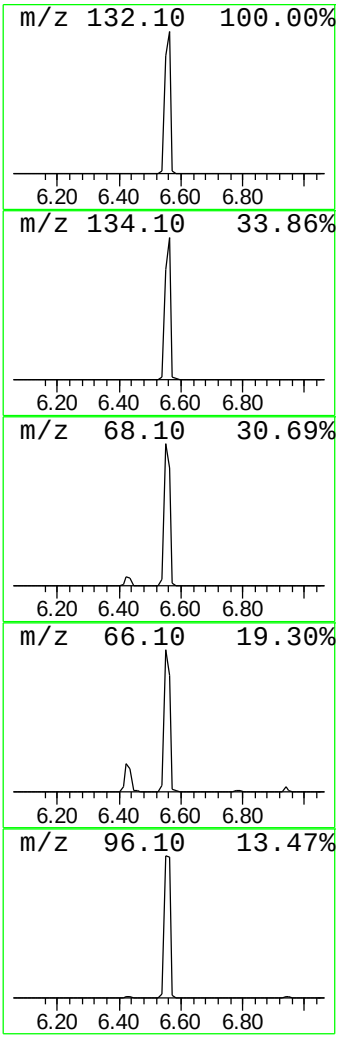
Peak Number 2 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	84.45 ng	2814730	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	Xenon	132	Xe	007440-63-3	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085929.D
Acq On : 31 Mar 2016 16:00
Operator : UM/SJ
Sample : H2075-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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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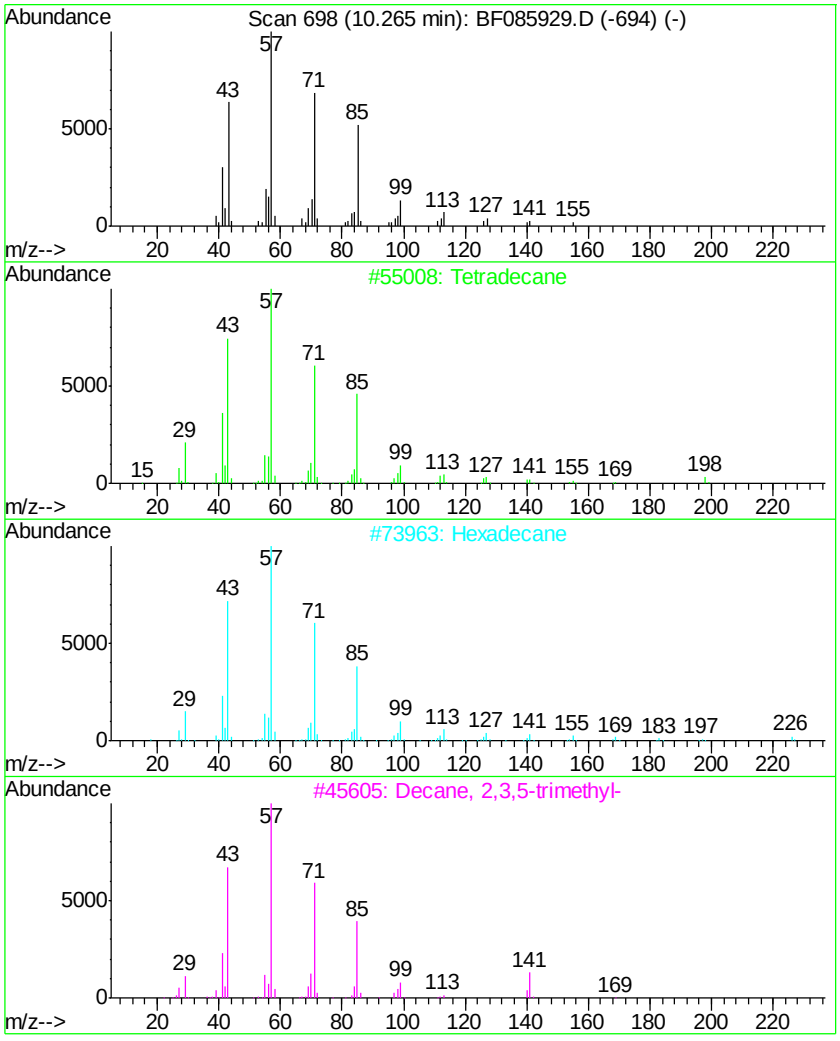
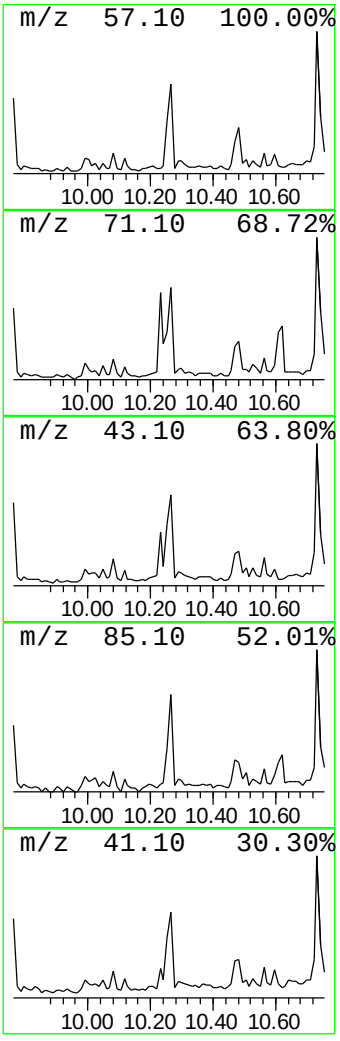
Peak Number 4 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	2.61 ng	118657	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
4	Eicosane	282	C20H42	000112-95-8	83
5	Octadecane	254	C18H38	000593-45-3	80





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085929.D
Acq On : 31 Mar 2016 16:00
Operator : UM/SJ
Sample : H2075-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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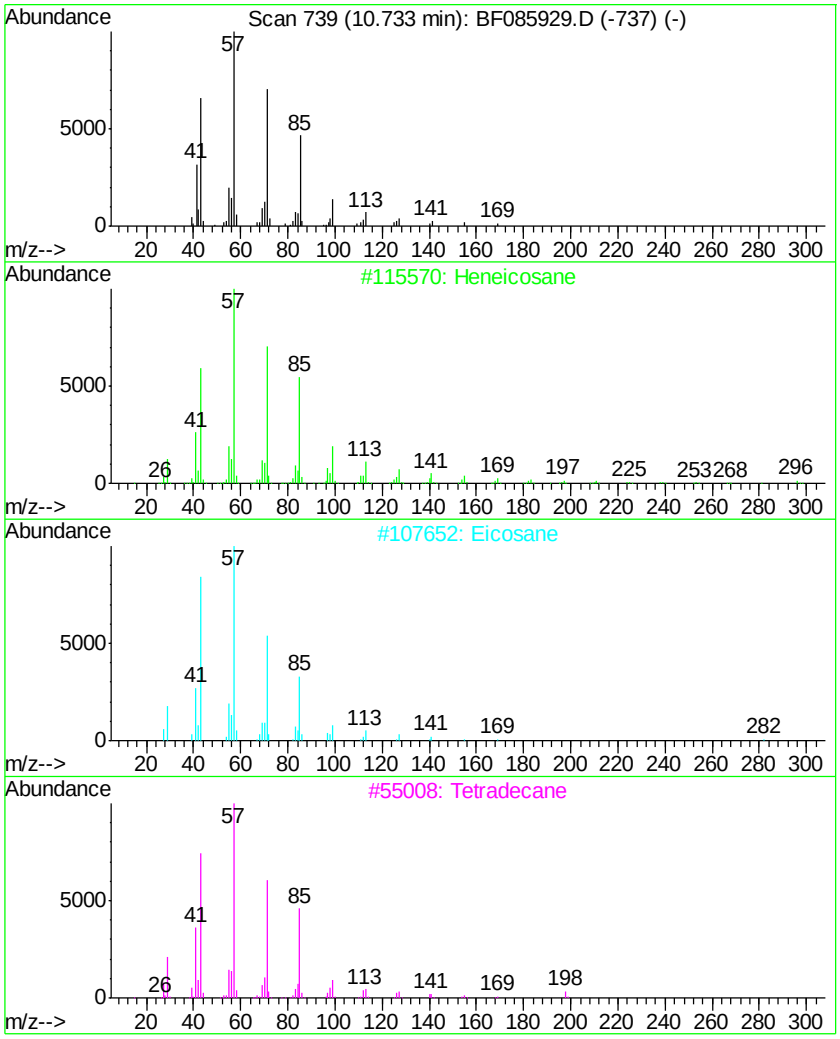
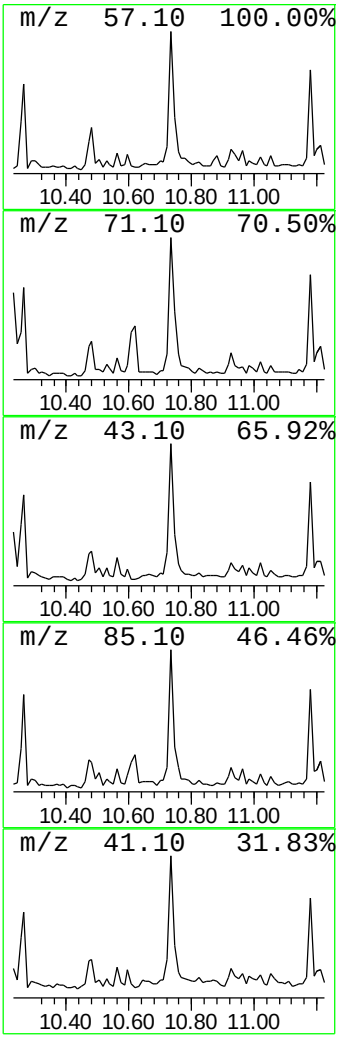
Peak Number 5 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	2.99 ng	146702	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Tetradecane	198	C14H30	000629-59-4	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Octadecane	254	C18H38	000593-45-3	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085929.D
Acq On : 31 Mar 2016 16:00
Operator : UM/SJ
Sample : H2075-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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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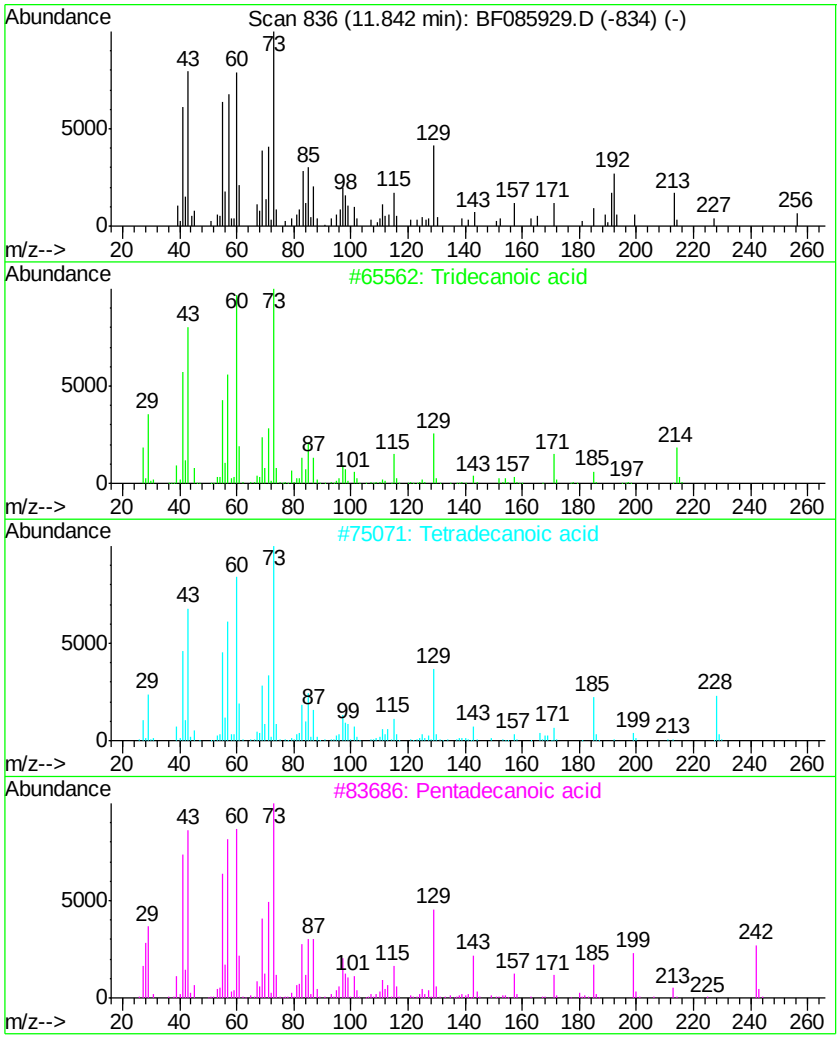
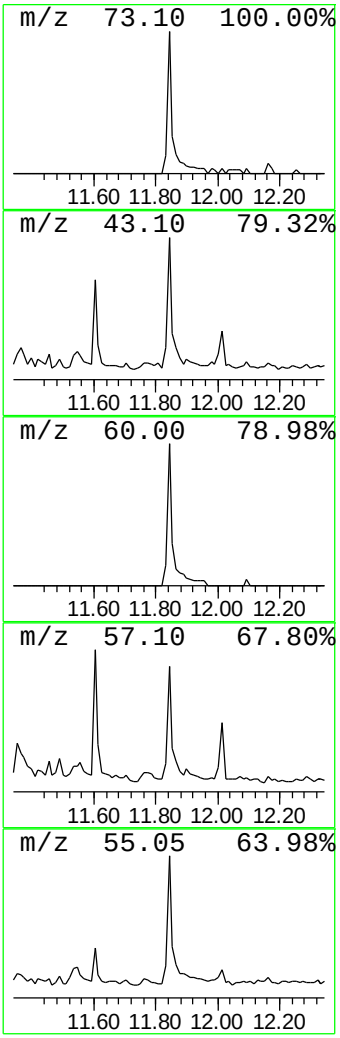
Peak Number 6 Tridecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	2.97 ng	145819	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	81
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
5	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	11





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Operator : UM/SJ
Sample : H2075-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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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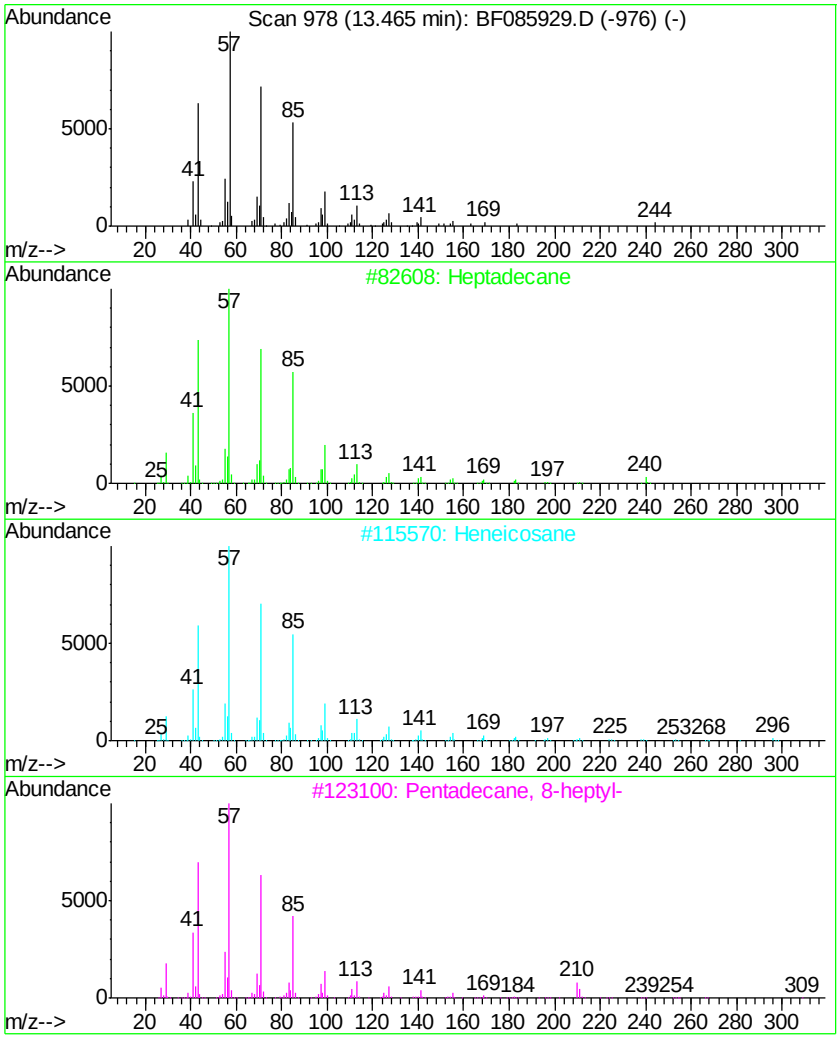
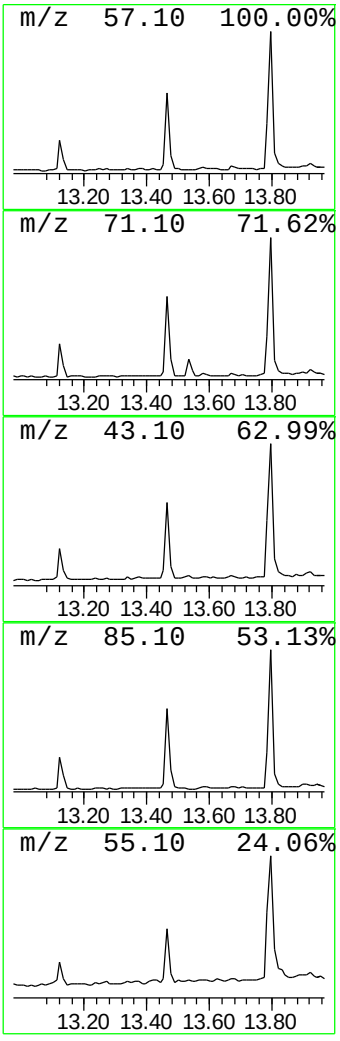
Peak Number 7 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	2.71 ng	109883	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4	Eicosane	282	C20H42	000112-95-8	90
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86





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Acq On : 31 Mar 2016 16:00
Operator : UM/SJ
Sample : H2075-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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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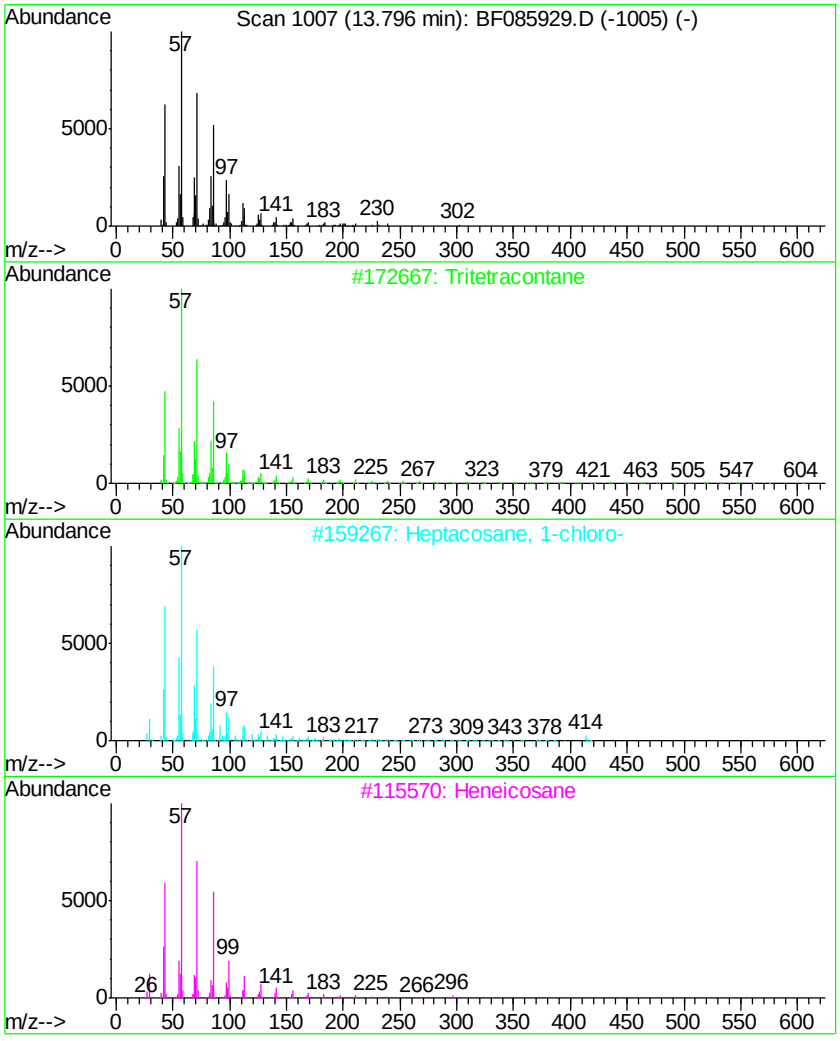
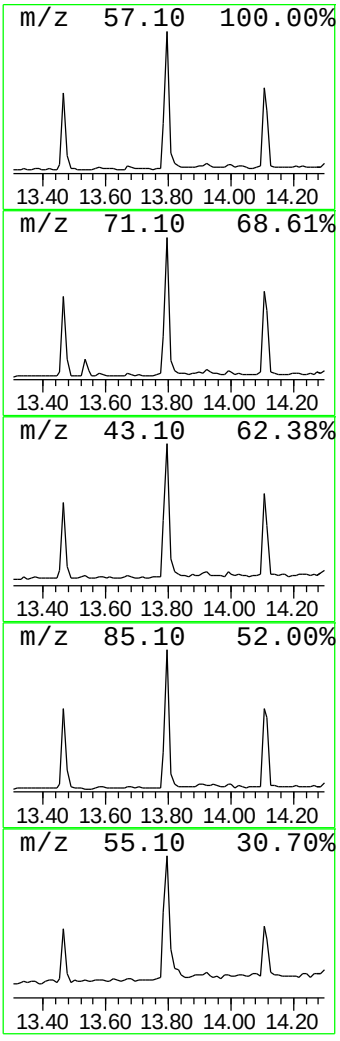
Peak Number 8 Tritetracontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	7.33 ng	297143	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	87
2	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	87
3	Heneicosane	296	C21H44	000629-94-7	68
4	Eicosane	282	C20H42	000112-95-8	68
5	Octadecane	254	C18H38	000593-45-3	62





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085929.D
Acq On : 31 Mar 2016 16:00
Operator : UM/SJ
Sample : H2075-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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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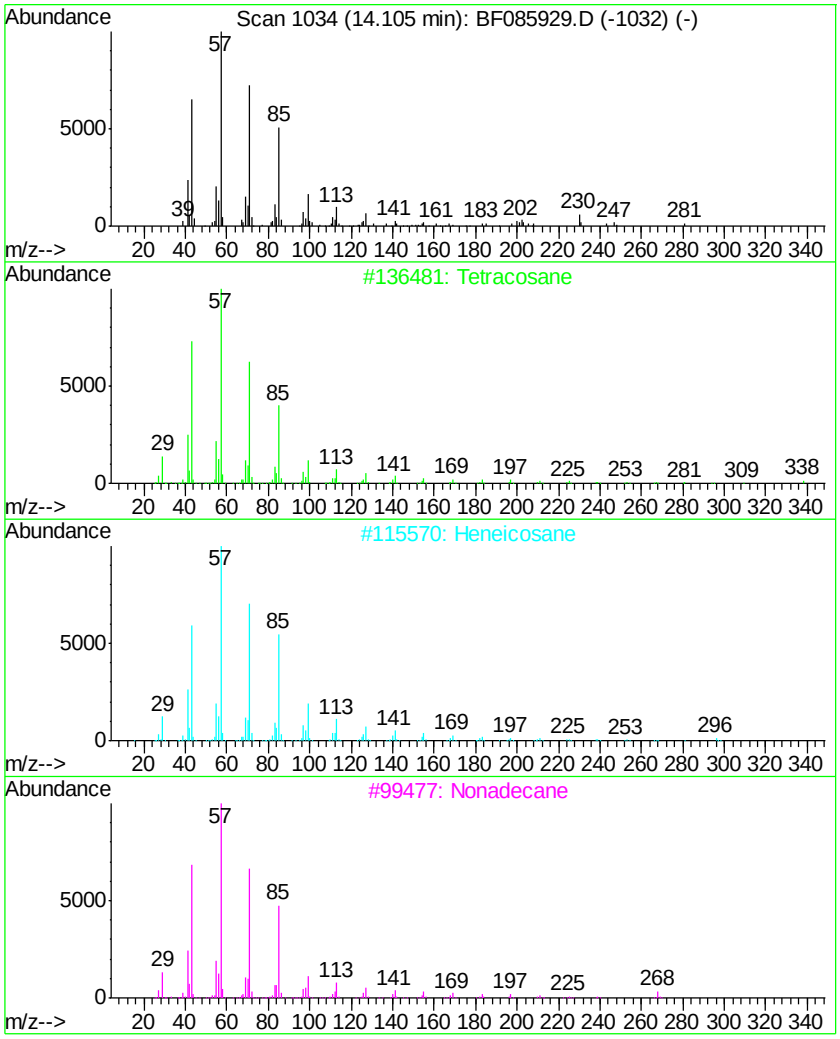
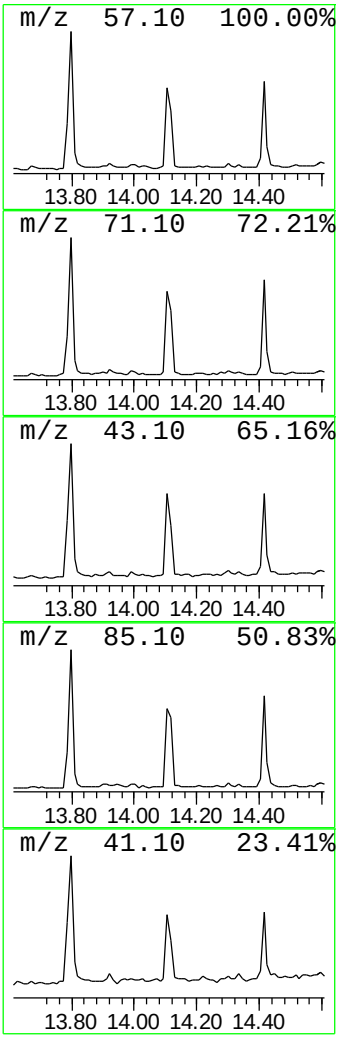
Peak Number 9 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.11	4.16 ng	168618	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	87
2	Heneicosane	296	C21H44	000629-94-7	87
3	Nonadecane	268	C19H40	000629-92-5	87
4	Octadecane	254	C18H38	000593-45-3	87
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085929.D
Acq On : 31 Mar 2016 16:00
Operator : UM/SJ
Sample : H2075-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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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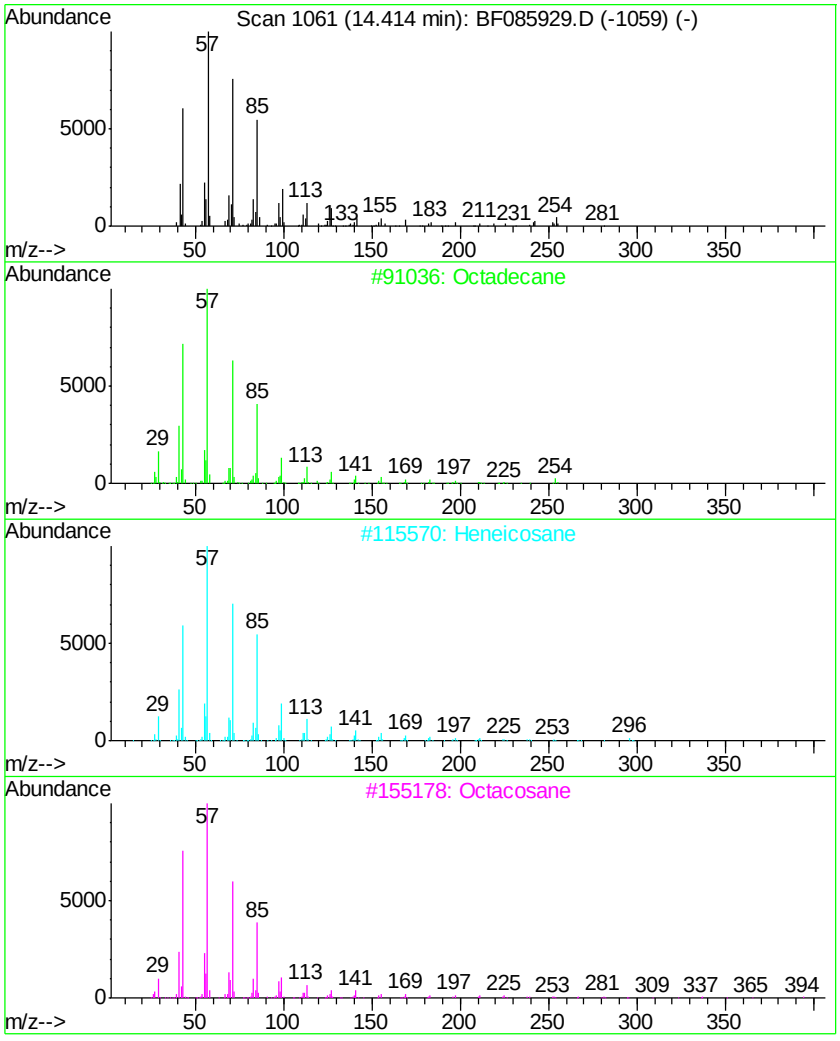
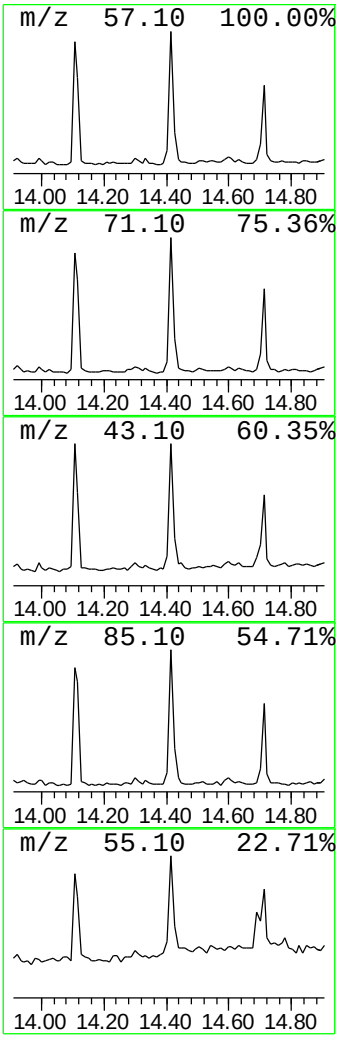
Peak Number 10 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	3.44 ng	139209	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
5	Tetracosane	338	C24H50	000646-31-1	87





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Data File : BF085929.D
Acq On : 31 Mar 2016 16:00
Operator : UM/SJ
Sample : H2075-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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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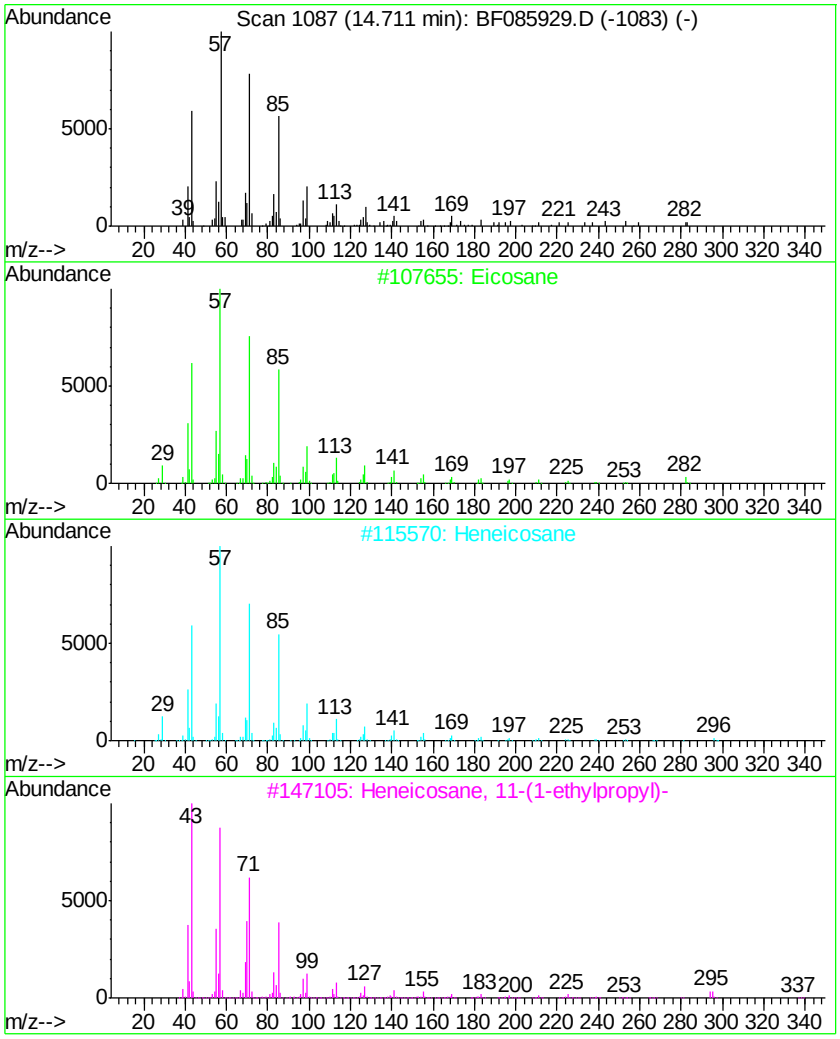
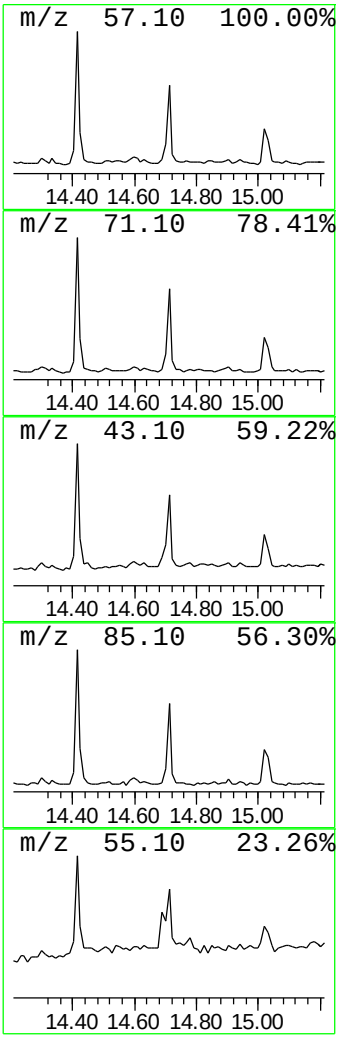
Peak Number 11 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	3.89 ng	122197	Perylene-d12	15.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085929.D
Acq On : 31 Mar 2016 16:00
Operator : UM/SJ
Sample : H2075-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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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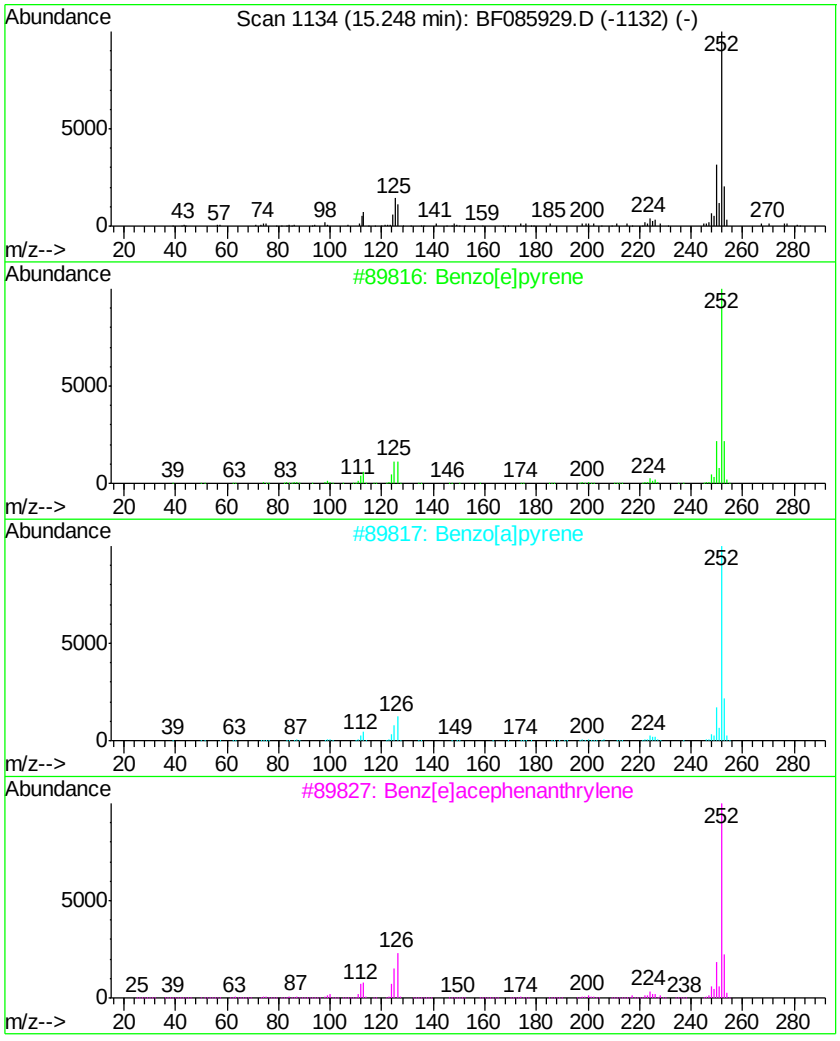
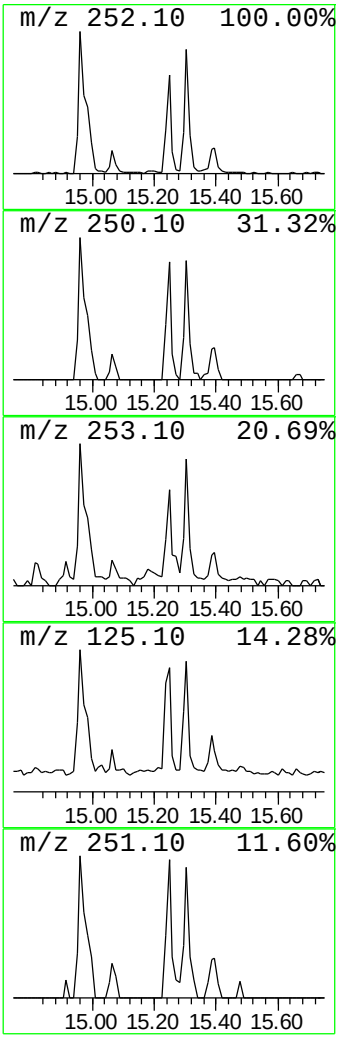
Peak Number 12 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	2.54 ng	80012	Perylene-d12	15.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[a]pyrene	252	C20H12	000050-32-8	94
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085929.D
Acq On : 31 Mar 2016 16:00
Operator : UM/SJ
Sample : H2075-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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...	4.97	2.9	ng	95740	1	6.79	666600	20.0
unknown6.56	6.56	84.5	ng	2814730	1	6.79	666600	20.0
Tetradecane	10.26	2.6	ng	118657	3	9.83	909495	20.0
Heneicosane	10.73	3.0	ng	146702	4	11.30	982427	20.0
Tridecanoic acid	11.84	3.0	ng	145819	4	11.30	982427	20.0
Heptadecane	13.47	2.7	ng	109883	5	13.95	810474	20.0
Tritetracontane	13.80	7.3	ng	297143	5	13.95	810474	20.0
Tetracosane	14.11	4.2	ng	168618	5	13.95	810474	20.0
Octadecane	14.41	3.4	ng	139209	5	13.95	810474	20.0
Eicosane	14.71	3.9	ng	122197	6	15.36	629004	20.0
Benzo[e]pyrene	15.25	2.5	ng	80012	6	15.36	629004	20.0