LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081262.D
Acq On : 28 Aug 2015 4:43
Operator : UM/IZ
Sample : G3430-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB6(25-26)

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-BF081715.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	3.817	180	182	187	rBB	18706	34812	2.00%	0.217%
2	4.606	247	251	264	rVB	752684	1314165	75.34%	8.189%
3	5.074	289	292	294	rBV	1258447	1696841	97.28%	10.574%
4	5.497	327	329	331	rBV	28231	37691	2.16%	0.235%
5	6.160	384	387	389	rBV	1402858	1548721	88.79%	9.651%
6	6.274	394	397	399	rBV	1707669	1744223	100.00%	10.869%
7	6.503	415	417	420	rVB	361961	293839	16.85%	1.831%
8	6.663	428	431	433	rBV	1255067	1200134	68.81%	7.479%
9	7.074	465	467	470	rBV	905042	1011565	58.00%	6.304%
10	7.795	528	530	532	rBV	350166	381483	21.87%	2.377%
11	8.869	622	624	627	rBV	1421108	1463272	83.89%	9.119%
12	9.269	657	659	661	rBV	267340	215387	12.35%	1.342%
13	9.532	680	682	684	rBV	513903	433810	24.87%	2.703%
14	10.321	748	751	753	rBV	1014412	1187345	68.07%	7.399%
15	10.458	761	763	767	rBV	29185	31278	1.79%	0.195%
16	10.903	797	802	803	rBV	28665	27386	1.57%	0.171%
17	10.995	808	810	814	rBV2	392980	469225	26.90%	2.924%
18	11.269	832	834	837	rBV2	9537	19742	1.13%	0.123%
19	11.326	837	839	841	rVB	21279	19034	1.09%	0.119%
20	11.566	858	860	862	rBV	77480	101225	5.80%	0.631%
21	12.195	913	915	918	rVB	65629	54805	3.14%	0.342%
22	12.424	932	935	937	rVB	36112	51596	2.96%	0.322%
23	12.584	946	949	952	rVB	1546370	1501154	86.06%	9.355%
24	12.835	966	971	977	rBV	6714	19487	1.12%	0.121%
25	13.498	1025	1029	1036	rBV	119803	206097	11.82%	1.284%
26	13.612	1036	1039	1041	rBV	405832	450756	25.84%	2.809%
27	14.470	1112	1114	1116	rVB	23151	20944	1.20%	0.131%
28	14.595	1123	1125	1129	rVB	17498	29789	1.71%	0.186%
29	14.938	1152	1155	1157	rBV	182828	267451	15.33%	1.667%
30	15.338	1188	1190	1193	rBV	28926	37978	2.18%	0.237%
31	15.395	1193	1195	1202	rVB4	10459	35495	2.04%	0.221%
32	16.184	1261	1264	1270	rBV	9186	18624	1.07%	0.116%
33	17.350	1361	1366	1370	rBV	6393	17958	1.03%	0.112%
34	18.093	1427	1431	1438	rVB3	7532	21048	1.21%	0.131%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081262.D
Acq On : 28 Aug 2015 4:43
Operator : UM/IZ
Sample : G3430-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB6(25-26)

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-BF081715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	18.996	1503	1510	1517	rVB2	6758	26030	1.49%	0.162%
36	20.059	1593	1603	1611	rBV2	6009	27024	1.55%	0.168%
37	21.327	1707	1714	1726	rBV2	4966	29605	1.70%	0.184%

Sum of corrected areas: 16047019

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
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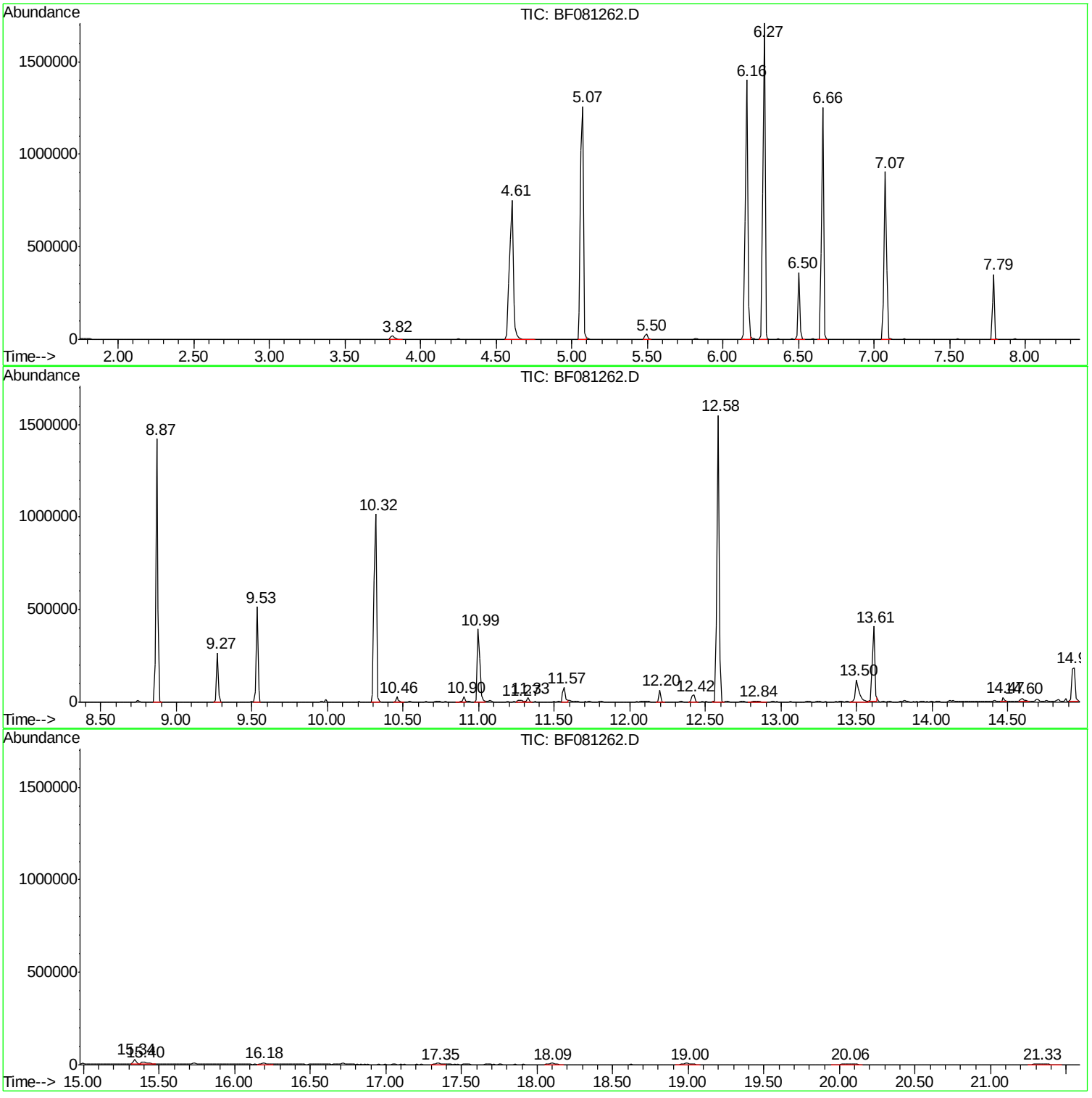
Acq On : 28 Aug 2015 4:43
Operator : UM/IZ
Sample : G3430-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB6(25-26)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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\BF082815\
Data File : BF081262.D
Acq On : 28 Aug 2015 4:43
Operator : UM/IZ
Sample : G3430-11
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Instrument : BNA_F
ClientSampleId : SB6(25-26)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

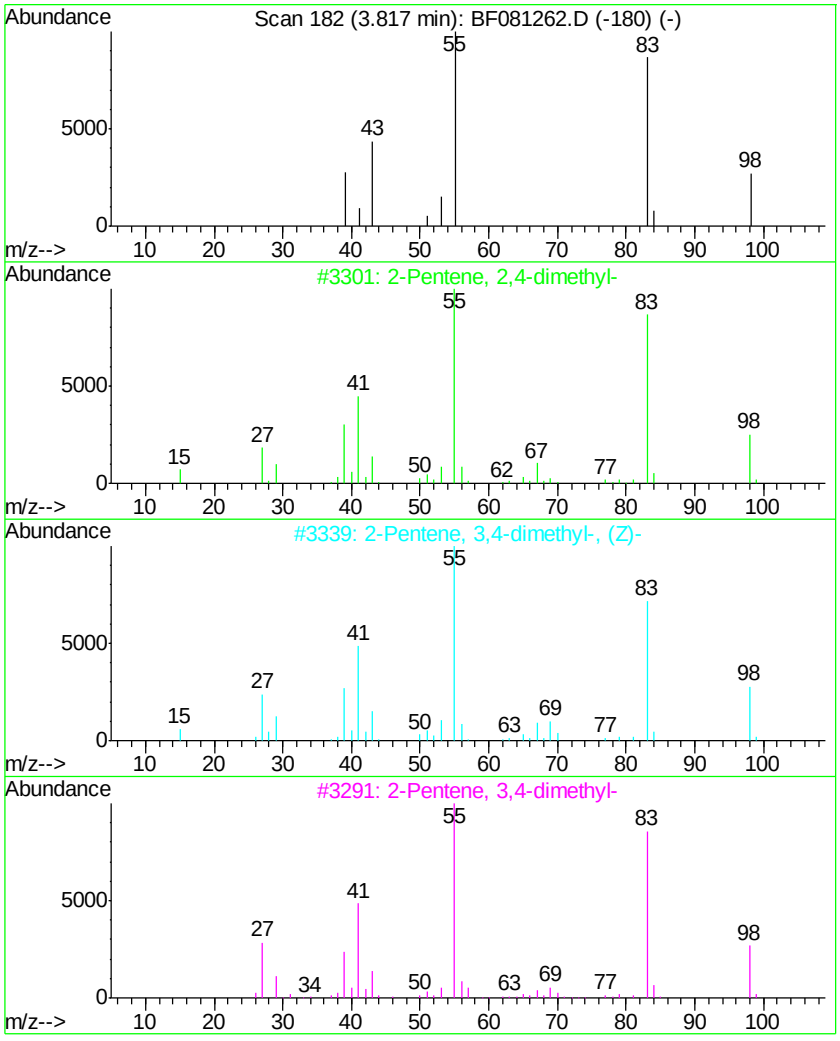
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

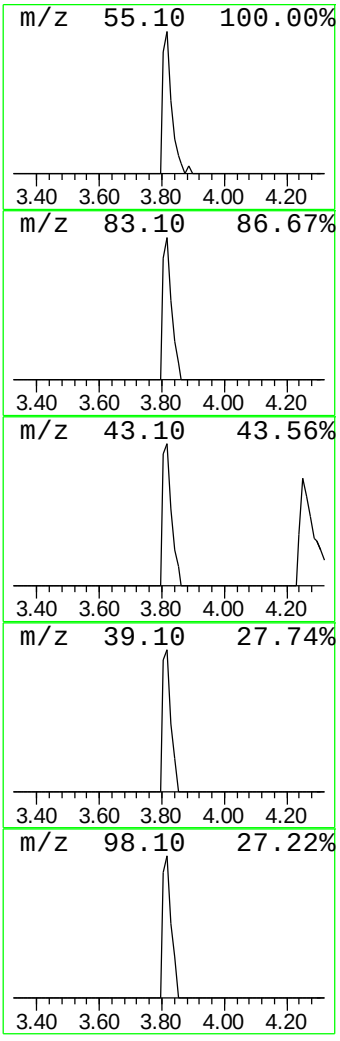
****

Peak Number 1 2-Pentene, 2,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.82	2.37 ng	34812	1,4-Dichlorobenzene-d4	6.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	90
2	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	90
3	2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	90
4	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	83
5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	83





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081262.D
Acq On : 28 Aug 2015 4:43
Operator : UM/IZ
Sample : G3430-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB6(25-26)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

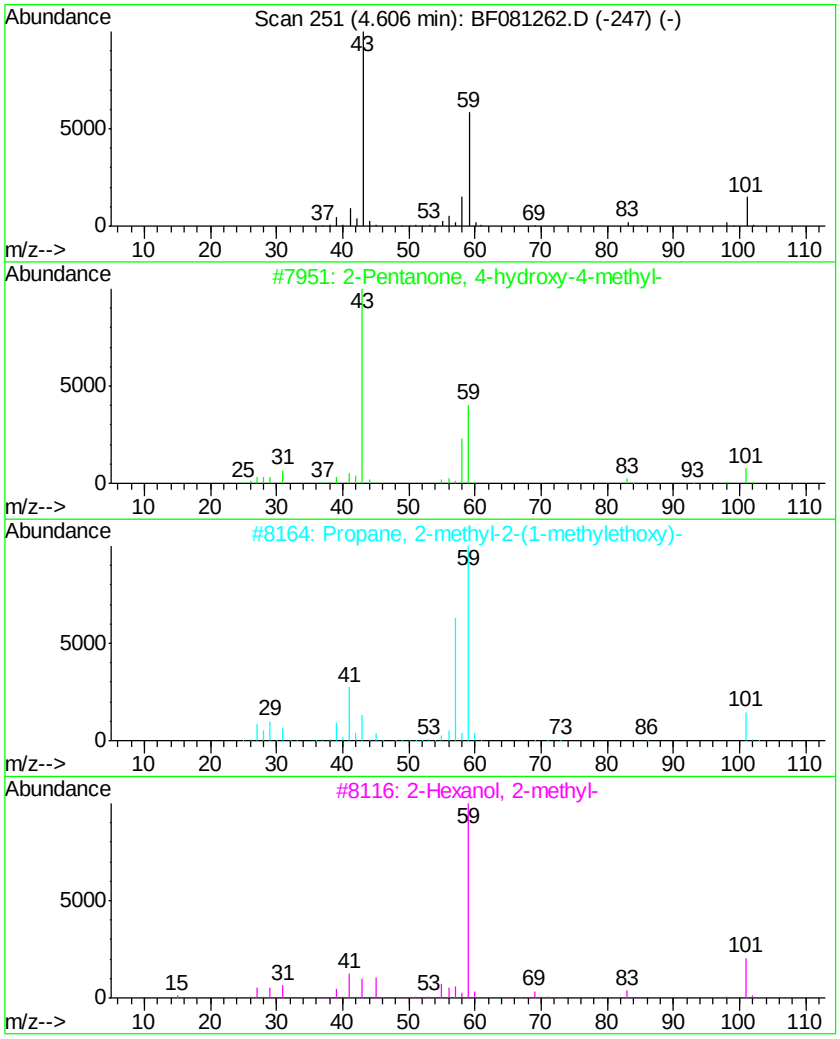
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

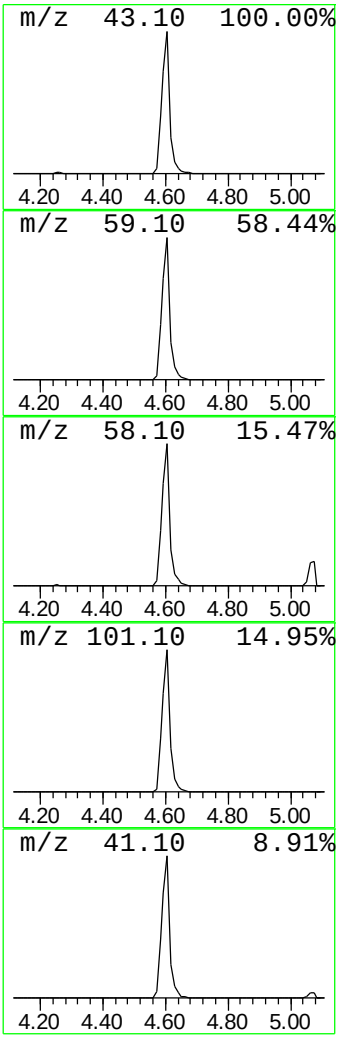
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.61	89.45 ng	1314170	1,4-Dichlorobenzene-d4	6.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081262.D
Acq On : 28 Aug 2015 4:43
Operator : UM/IZ
Sample : G3430-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB6(25-26)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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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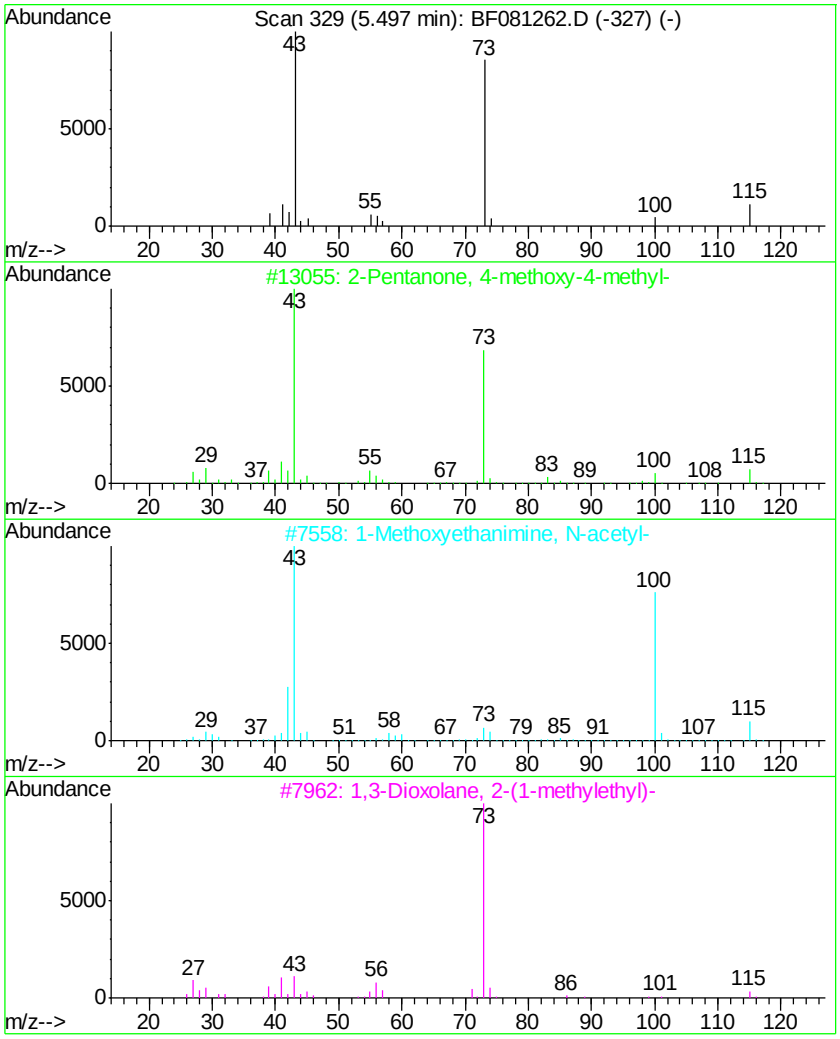
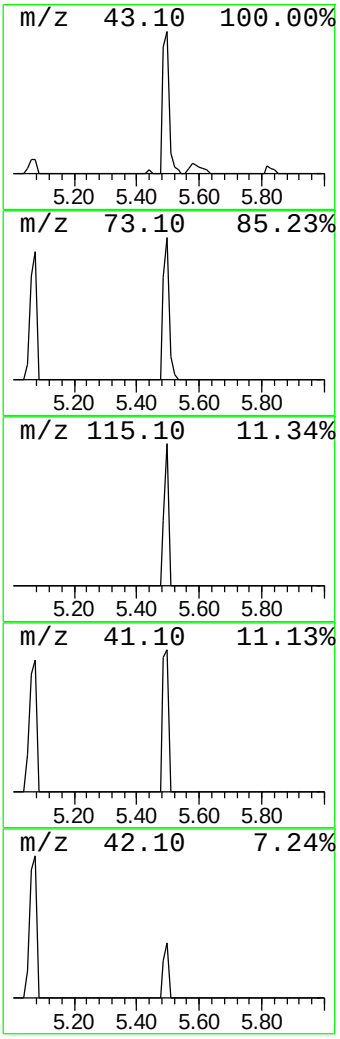
Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.50	2.57 ng	37691	1,4-Dichlorobenzene-d4	6.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	9
3	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	9
4	5-Aminovaleric acid	117	C5H11NO2	000660-88-8	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081262.D
Acq On : 28 Aug 2015 4:43
Operator : UM/IZ
Sample : G3430-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB6(25-26)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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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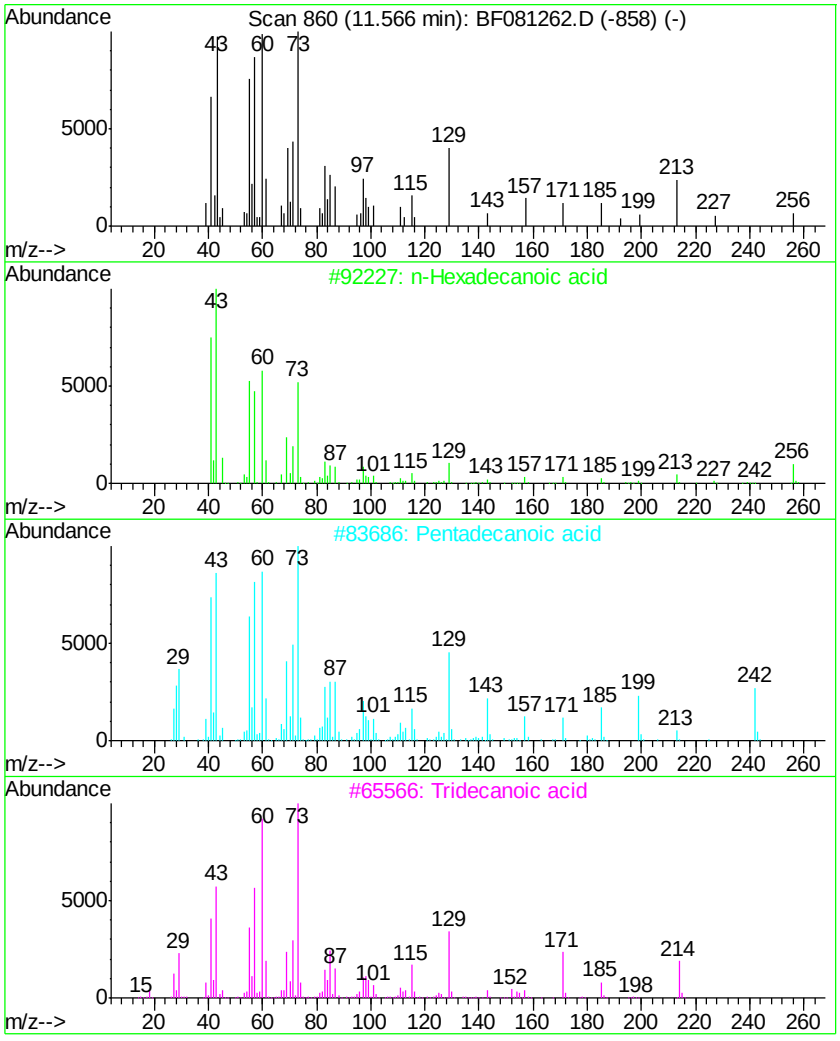
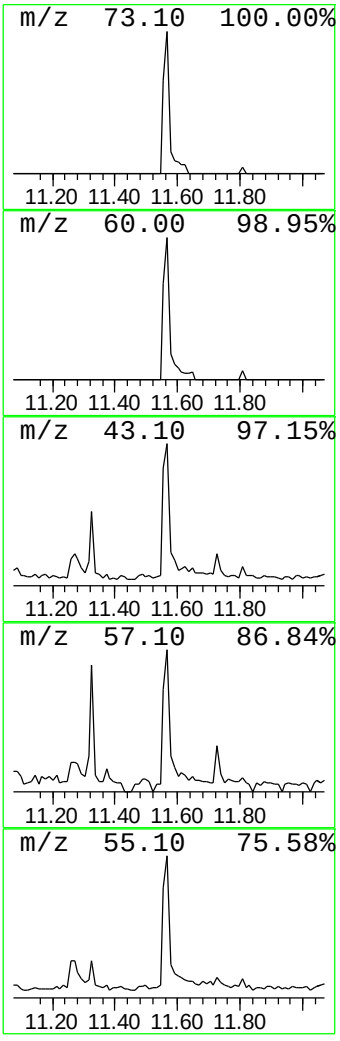
Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	4.31 ng	101225	Phenanthrene-d10	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	50





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Data File : BF081262.D
Acq On : 28 Aug 2015 4:43
Operator : UM/IZ
Sample : G3430-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB6(25-26)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

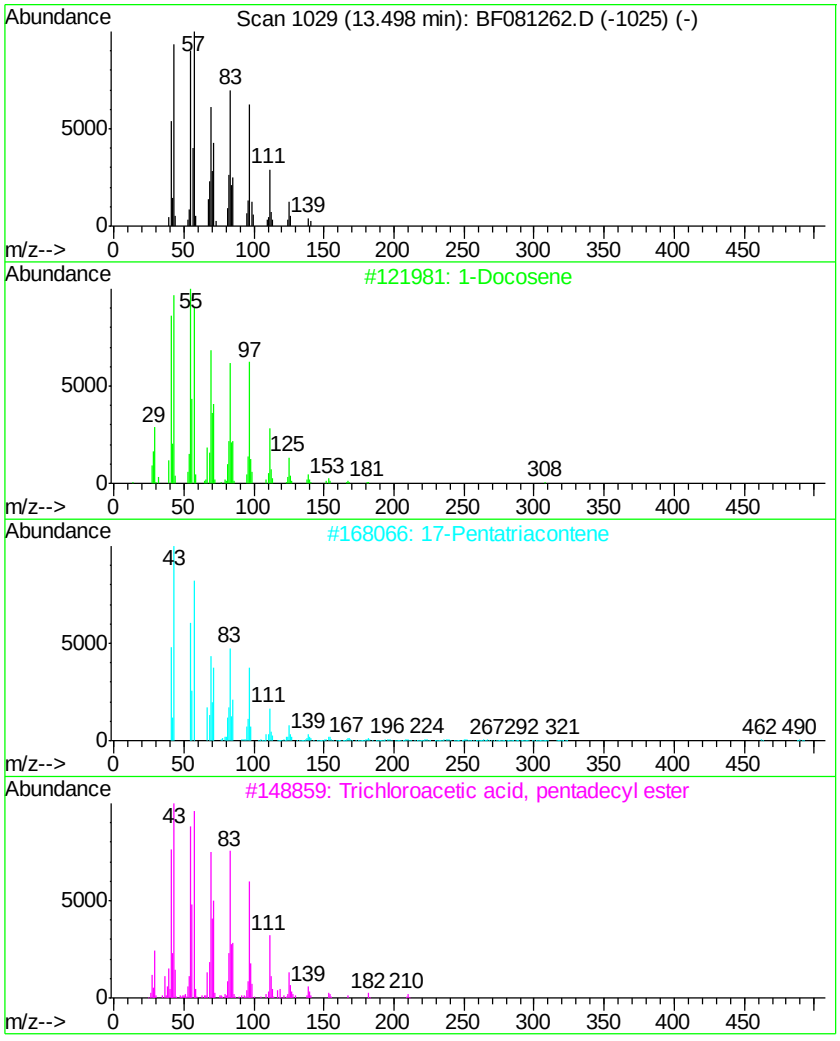
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

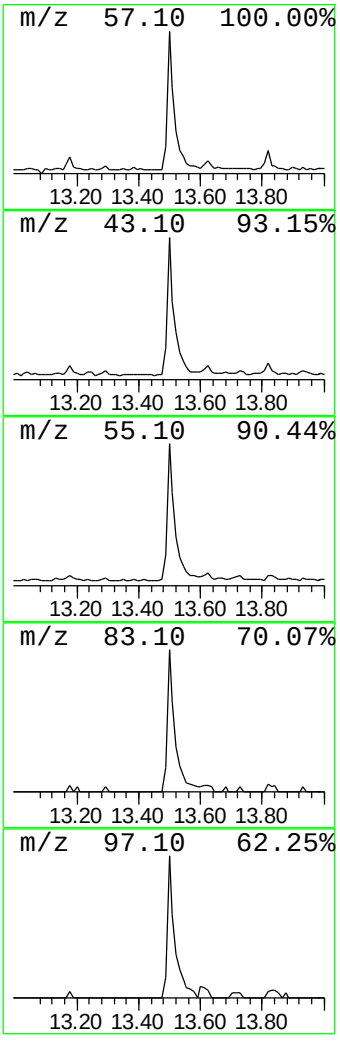
****

Peak Number 8 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	9.14 ng	206097	Chrysene-d12	13.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	17-Pentatriacontene	491	C35H70	006971-40-0	91
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87
4	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	83
5	1-Hexacosanol	382	C26H54O	000506-52-5	81





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Acq On : 28 Aug 2015 4:43
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Sample : G3430-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB6(25-26)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

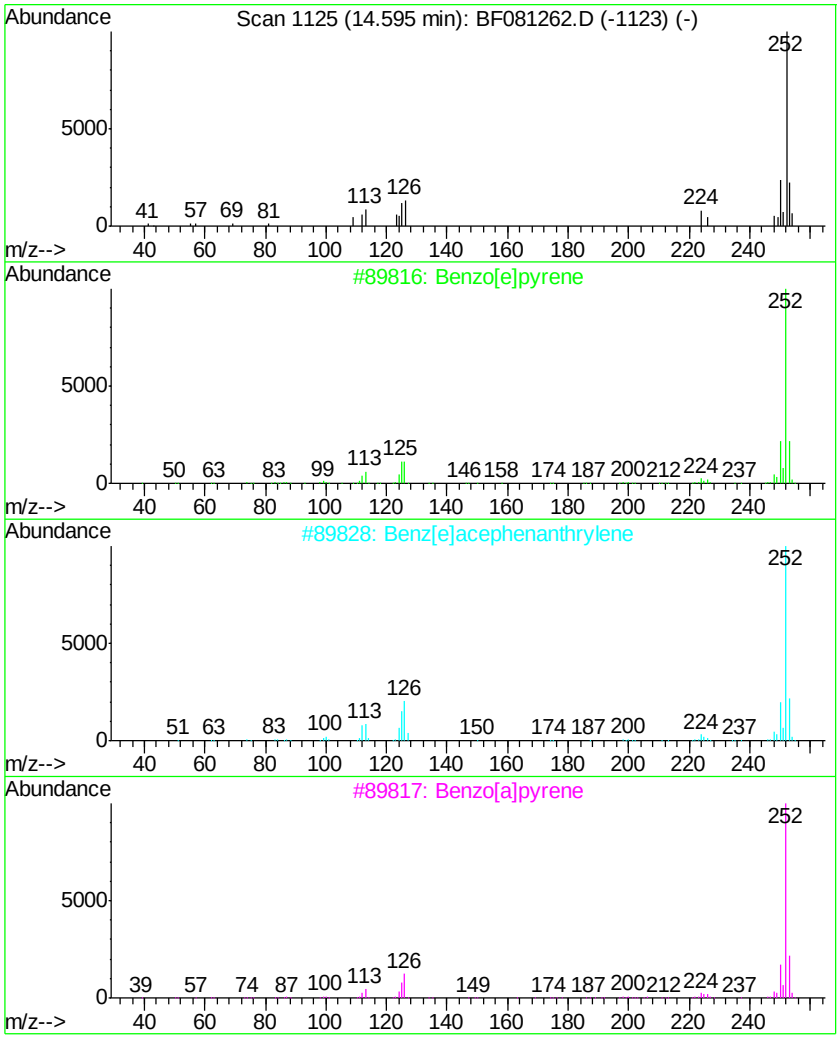
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

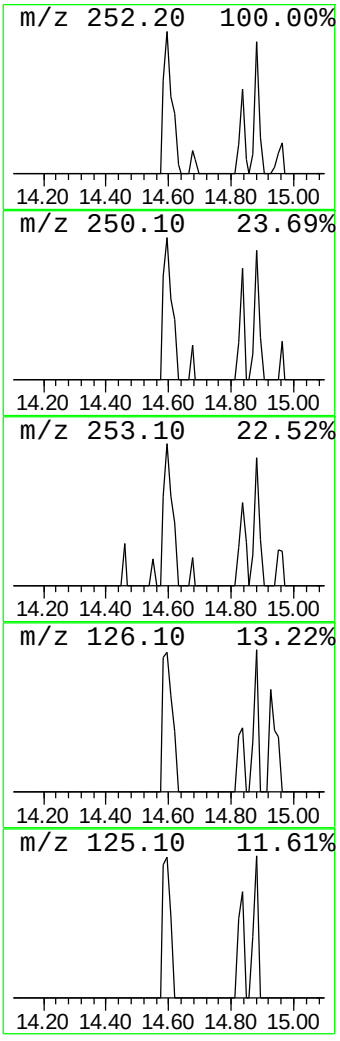
****

Peak Number 9 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	2.23 ng	29789	Perylene-d12	14.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	87
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	87
3	Benzo[a]pyrene	252	C20H12	000050-32-8	87
4	Perylene	252	C20H12	000198-55-0	83
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81





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Operator : UM/IZ
Sample : G3430-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB6(25-26)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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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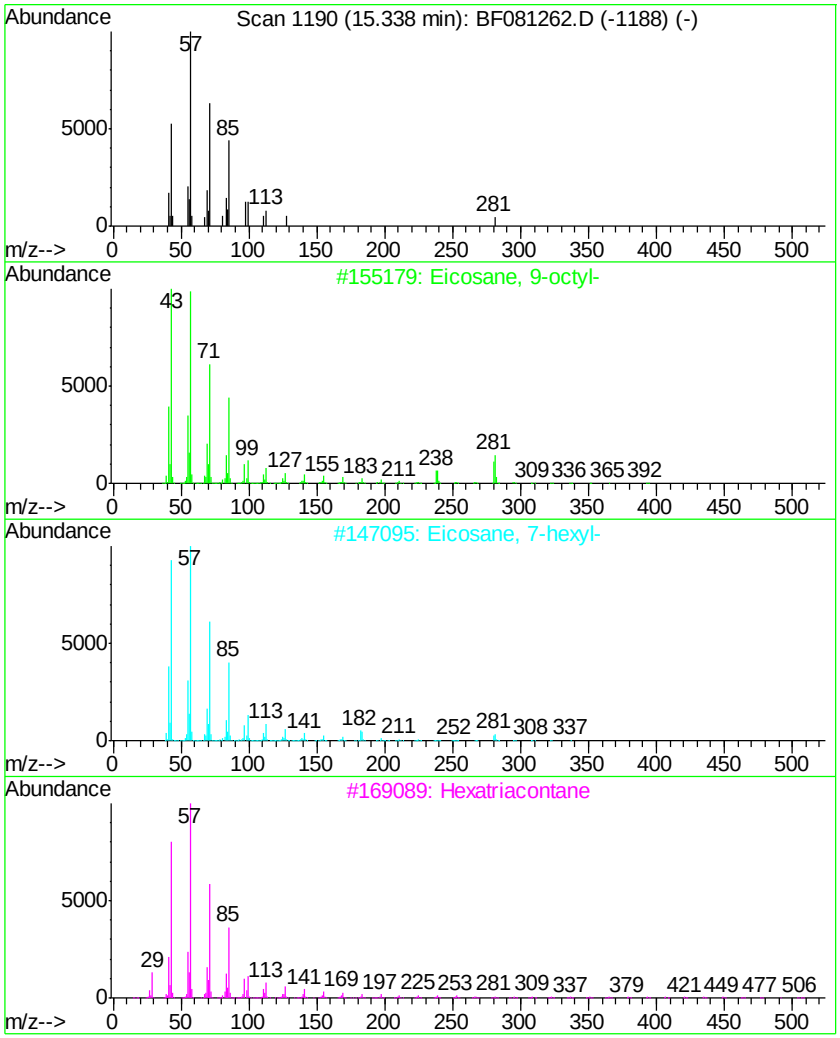
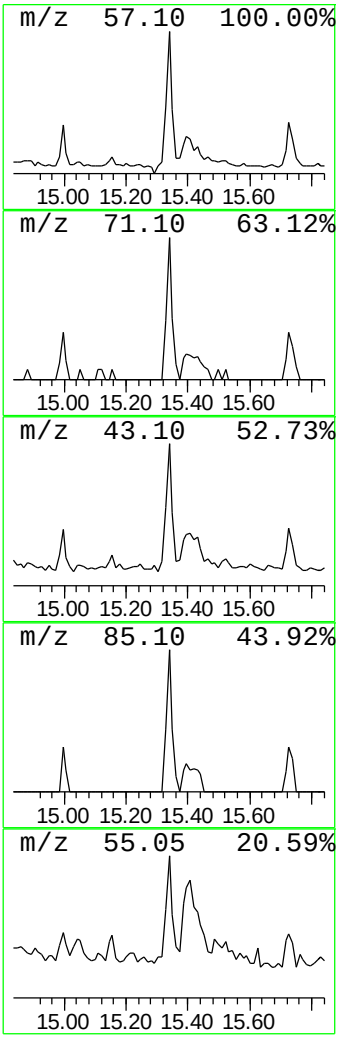
Peak Number 10 Eicosane, 9-octyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	2.84 ng	37978	Perylene-d12	14.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 9-octyl-	394	C28H58	013475-77-9	90
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
3	Hexatriacontane	507	C36H74	000630-06-8	90
4	Pentacosane	352	C25H52	000629-99-2	90
5	Tetratriacontane	479	C34H70	014167-59-0	90





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Sample : G3430-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB6(25-26)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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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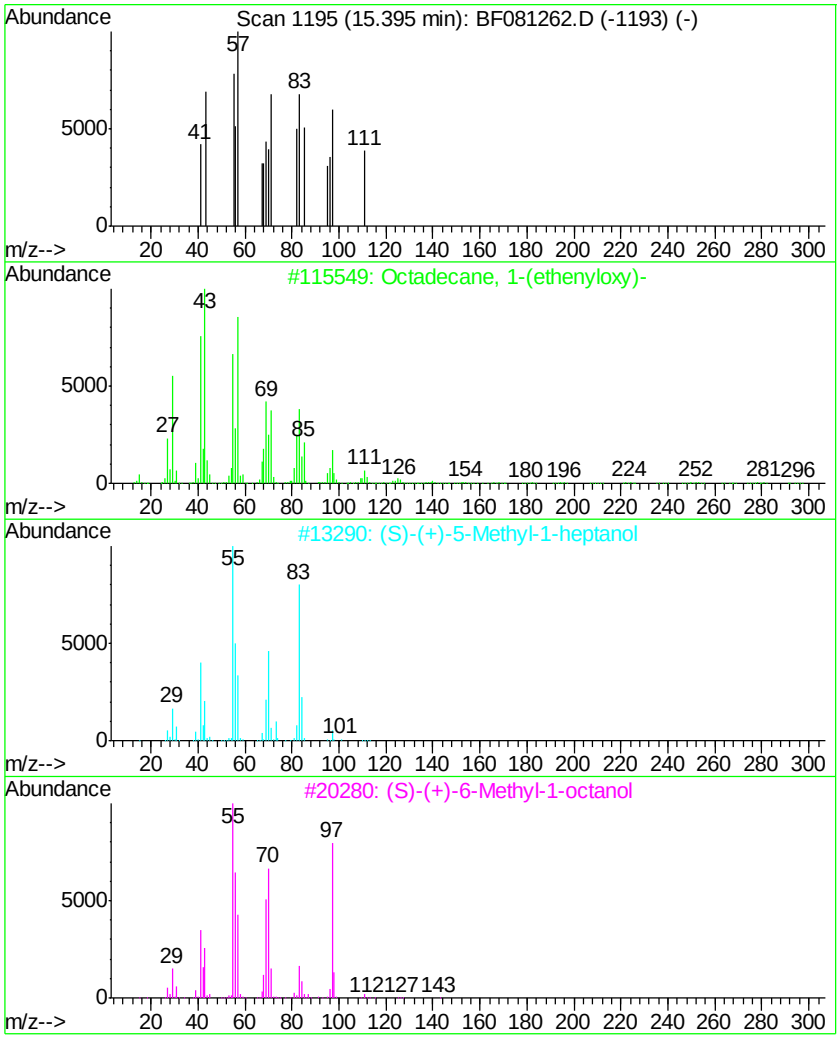
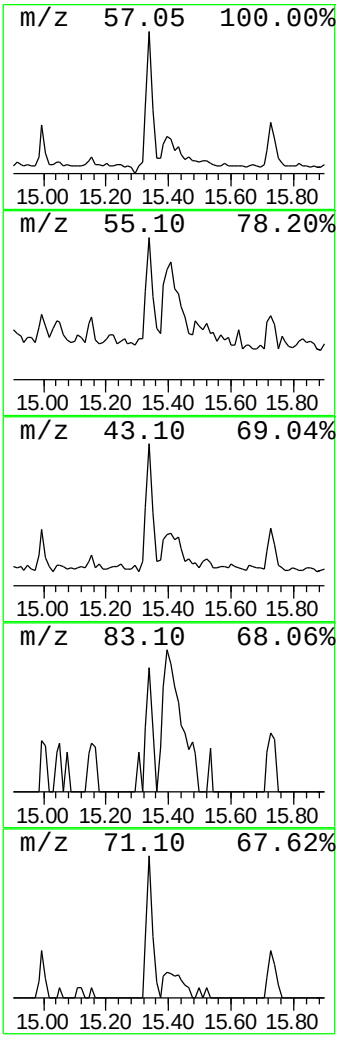
Peak Number 11 unknown15.40 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	2.65 ng	35495	Perylene-d12	14.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	42
2	(S)-(+)-5-Methyl-1-heptanol	130	C8H18O	057803-73-3	12
3	(S)-(+)-6-Methyl-1-octanol	144	C9H20O	110453-78-6	12
4	1-Octyn-3-ol	126	C8H14O	000818-72-4	10
5	3-Buten-2-one, 4-(1-aziridinyl)-	111	C6H9NO	018277-57-1	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081262.D
Acq On : 28 Aug 2015 4:43
Operator : UM/IZ
Sample : G3430-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB6(25-26)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

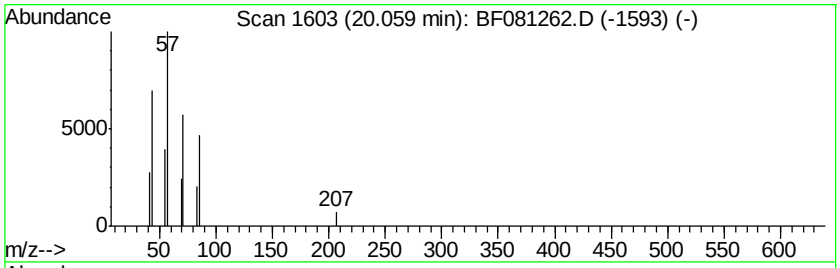
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

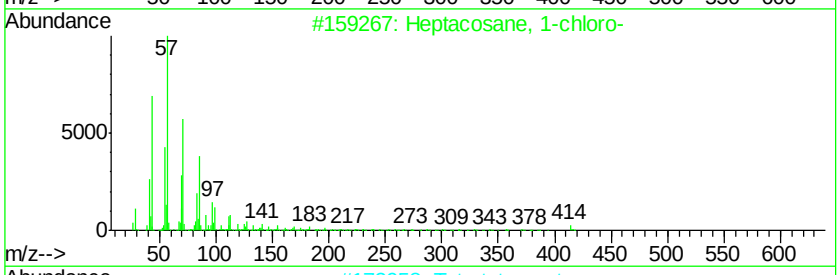
****

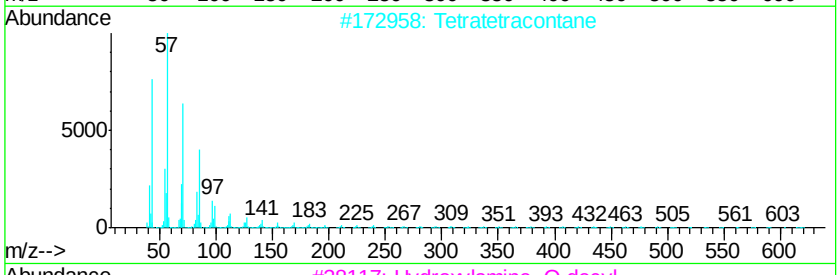
Peak Number 12 Heptacosane, 1-chloro- Concentration Rank 13

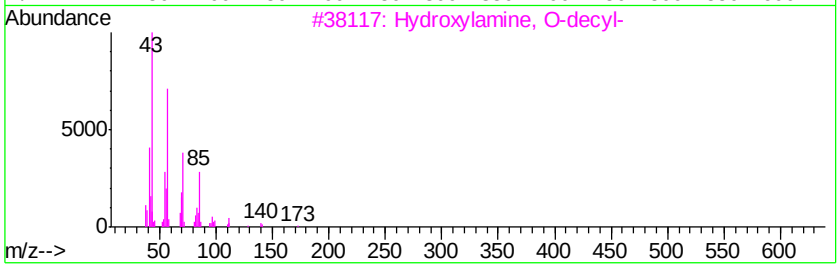
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	2.02 ng	27024	Perylene-d12	14.94

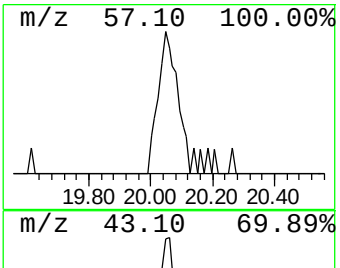
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	74
2	Tetratetracontane	619	C44H90	007098-22-8	56
3	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	56
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	56
5	Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	33

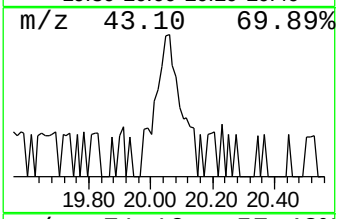


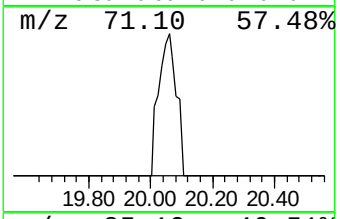


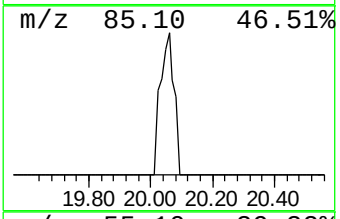


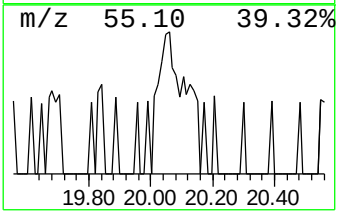












Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081262.D
Acq On : 28 Aug 2015 4:43
Operator : UM/IZ
Sample : G3430-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB6(25-26)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

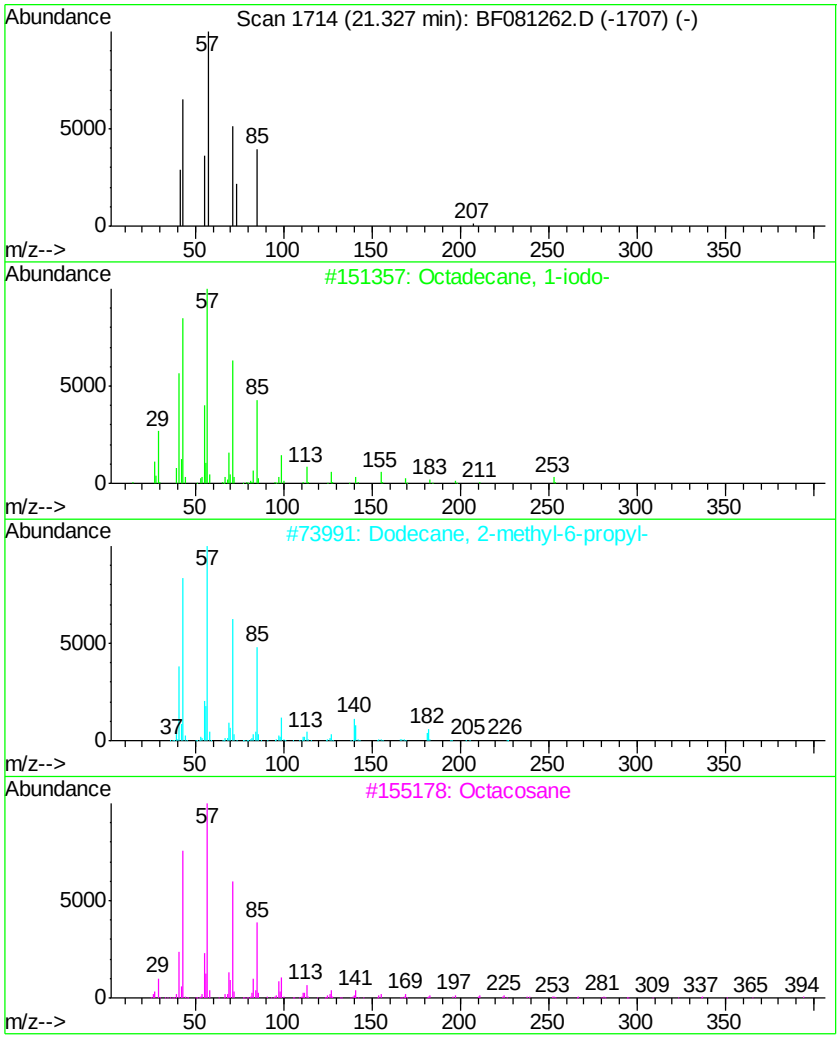
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

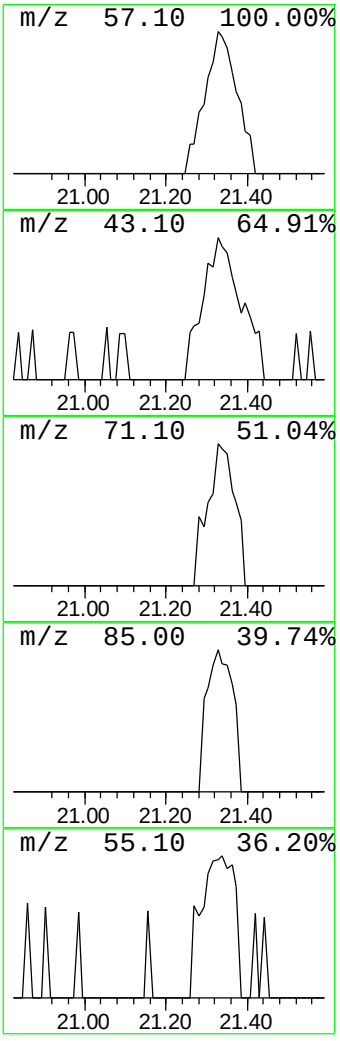
****

Peak Number 13 Octadecane, 1-iodo- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	2.21 ng	29605	Perylene-d12	14.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	50
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	9
3	Octacosane	394	C28H58	000630-02-4	9
4	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	9
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081262.D
Acq On : 28 Aug 2015 4:43
Operator : UM/IZ
Sample : G3430-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB6(25-26)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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-Pentene, 2,4-di...	3.82	2.4	ng	34812	1	6.50	293839	20.0
2-Pentanone, 4-hy...	4.61	89.5	ng	1314170	1	6.50	293839	20.0
2-Pentanone, 4-me...	5.50	2.6	ng	37691	1	6.50	293839	20.0
n-Hexadecanoic acid	11.57	4.3	ng	101225	4	10.99	469225	20.0
1-Docosene	13.50	9.1	ng	206097	5	13.61	450756	20.0
Benzo[e]pyrene	14.60	2.2	ng	29789	6	14.94	267451	20.0
Eicosane, 9-octyl-	15.34	2.8	ng	37978	6	14.94	267451	20.0
unknown15.40	15.40	2.6	ng	35495	6	14.94	267451	20.0
Heptacosane, 1-ch...	20.06	2.0	ng	27024	6	14.94	267451	20.0
Octadecane, 1-iodo-	21.33	2.2	ng	29605	6	14.94	267451	20.0