LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
Data File : BF084593.D
Acq On : 22 Jan 2016 17:00
Operator : SJ/IZ
Sample : H1187-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS016-3036-01

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-BF123115.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	4.213	184	186	191	rBV	170230	220304	3.76%	0.354%
2	4.921	243	248	250	rBV	2147005	3983863	68.08%	6.402%
3	5.344	282	285	288	rBV	4144702	5489378	93.81%	8.822%
4	5.744	318	320	323	rBV	332576	290156	4.96%	0.466%
5	6.396	374	377	379	rBV	4991312	5393241	92.16%	8.667%
6	6.521	385	388	390	rBV	4476865	5851850	100.00%	9.404%
7	6.739	405	407	410	rBV	995300	1168259	19.96%	1.877%
8	6.899	419	421	423	rBV	4131662	3781503	64.62%	6.077%
9	7.310	454	457	460	rBV	3104912	3252185	55.58%	5.226%
10	7.424	463	467	474	rBV	144352	237986	4.07%	0.382%
11	7.779	492	498	501	rBV	67946	86612	1.48%	0.139%
12	7.950	510	513	515	rBV	39254	62335	1.07%	0.100%
13	8.030	518	520	522	rVV	1951705	1643772	28.09%	2.642%
14	8.385	548	551	555	rBV	75456	113705	1.94%	0.183%
15	8.990	602	604	612	rVB3	52008	87491	1.50%	0.141%
16	9.116	612	615	617	rBV	4683663	5842567	99.84%	9.389%
17	9.253	624	627	630	rVB2	48411	71126	1.22%	0.114%
18	9.505	647	649	651	rBV	1135236	1495803	25.56%	2.404%
19	9.722	662	668	671	rBV2	66072	125057	2.14%	0.201%
20	9.779	671	673	676	rVB	1386390	1756511	30.02%	2.823%
21	10.008	685	693	695	rBV7	22833	80167	1.37%	0.129%
22	10.225	711	712	714	rVB	137566	110654	1.89%	0.178%
23	10.442	728	731	735	rBV	46586	84559	1.44%	0.136%
24	10.568	740	742	745	rBV2	2565349	3784827	64.68%	6.082%
25	10.705	752	754	757	rBV2	109744	197876	3.38%	0.318%
26	10.796	760	762	764	rVV2	84539	117531	2.01%	0.189%
27	10.830	764	765	768	rVV3	58545	77042	1.32%	0.124%
28	10.899	768	771	773	rVV2	40187	93854	1.60%	0.151%
29	10.979	777	778	780	rVV	89385	91775	1.57%	0.147%
30	11.150	789	793	794	rBV	89462	128801	2.20%	0.207%
31	11.265	801	803	805	rBV	2034291	1734634	29.64%	2.788%
32	11.322	806	808	813	rVB3	34565	65163	1.11%	0.105%
33	11.813	849	851	852	rBV	87608	81849	1.40%	0.132%
34	12.145	878	880	882	rBV2	67773	74318	1.27%	0.119%

LSC Area Percent Report

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Acq On : 22 Jan 2016 17:00
Operator : SJ/IZ
Sample : H1187-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS016-3036-01

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-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.305	892	894	895	rVV	82695	87750	1.50%	0.141%
36	12.339	895	897	901	rVB2	45665	108435	1.85%	0.174%
37	12.499	910	911	915	rVB	98324	120257	2.06%	0.193%
38	12.648	920	924	926	rBV	114979	203087	3.47%	0.326%
39	12.694	926	928	933	rVV5	48933	130465	2.23%	0.210%
40	12.854	939	942	944	rBV	4303425	5505184	94.08%	8.847%
41	13.002	953	955	956	rBV	139628	150351	2.57%	0.242%
42	13.139	965	967	969	rVB2	44022	62072	1.06%	0.100%
43	13.265	975	978	980	rBV2	32618	83266	1.42%	0.134%
44	13.334	981	984	986	rVV	188902	338460	5.78%	0.544%
45	13.379	986	988	990	rVV	303710	330447	5.65%	0.531%
46	13.471	993	996	997	rVV	212715	285214	4.87%	0.458%
47	13.505	997	999	1000	rVV	388788	384038	6.56%	0.617%
48	13.551	1000	1003	1006	rVB2	150722	233534	3.99%	0.375%
49	13.699	1014	1016	1019	rVB	193548	222709	3.81%	0.358%
50	13.768	1019	1022	1024	rBV	196649	357138	6.10%	0.574%
51	13.814	1024	1026	1029	rVB	311674	389909	6.66%	0.627%
52	13.859	1029	1030	1031	rBV	169919	142871	2.44%	0.230%
53	13.894	1031	1033	1035	rVB	1048453	1409321	24.08%	2.265%
54	14.042	1044	1046	1049	rBV3	41569	96326	1.65%	0.155%
55	14.122	1051	1053	1055	rVV	229546	266499	4.55%	0.428%
56	14.168	1055	1057	1059	rVV	103350	189654	3.24%	0.305%
57	14.214	1059	1061	1062	rVV	50363	76706	1.31%	0.123%
58	14.248	1062	1064	1066	rVB2	76122	104468	1.79%	0.168%
59	14.339	1070	1072	1075	rVV	50324	93641	1.60%	0.150%
60	14.419	1075	1079	1080	rVV	247652	355720	6.08%	0.572%
61	14.454	1080	1082	1085	rVV2	53374	111256	1.90%	0.179%
62	14.568	1088	1092	1094	rVV2	254476	429811	7.34%	0.691%
63	14.614	1094	1096	1098	rVB	85554	116936	2.00%	0.188%
64	14.751	1106	1108	1112	rVB2	81470	119830	2.05%	0.193%
65	14.865	1115	1118	1120	rVV2	100254	141082	2.41%	0.227%
66	14.911	1120	1122	1125	rVB2	47881	84949	1.45%	0.137%
67	14.991	1127	1129	1131	rBV	92811	95104	1.63%	0.153%
68	15.288	1153	1155	1158	rBV	763826	1030642	17.61%	1.656%
69	15.517	1173	1175	1180	rVB5	28030	59203	1.01%	0.095%
70	15.734	1191	1194	1197	rBV	94865	149617	2.56%	0.240%
71	16.191	1231	1234	1242	rVB4	26101	86258	1.47%	0.139%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
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Acq On : 22 Jan 2016 17:00
Operator : SJ/IZ
Sample : H1187-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS016-3036-01

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-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.717	1277	1280	1284	rBV2	41037	73485	1.26%	0.118%
73	17.163	1315	1319	1325	rBV8	20642	66331	1.13%	0.107%
74	17.345	1332	1335	1341	rVB3	26204	69312	1.18%	0.111%
75	18.088	1395	1400	1405	rBV3	25108	85872	1.47%	0.138%
76	18.991	1473	1479	1484	rVB7	26522	101472	1.73%	0.163%

Sum of corrected areas: 62225436

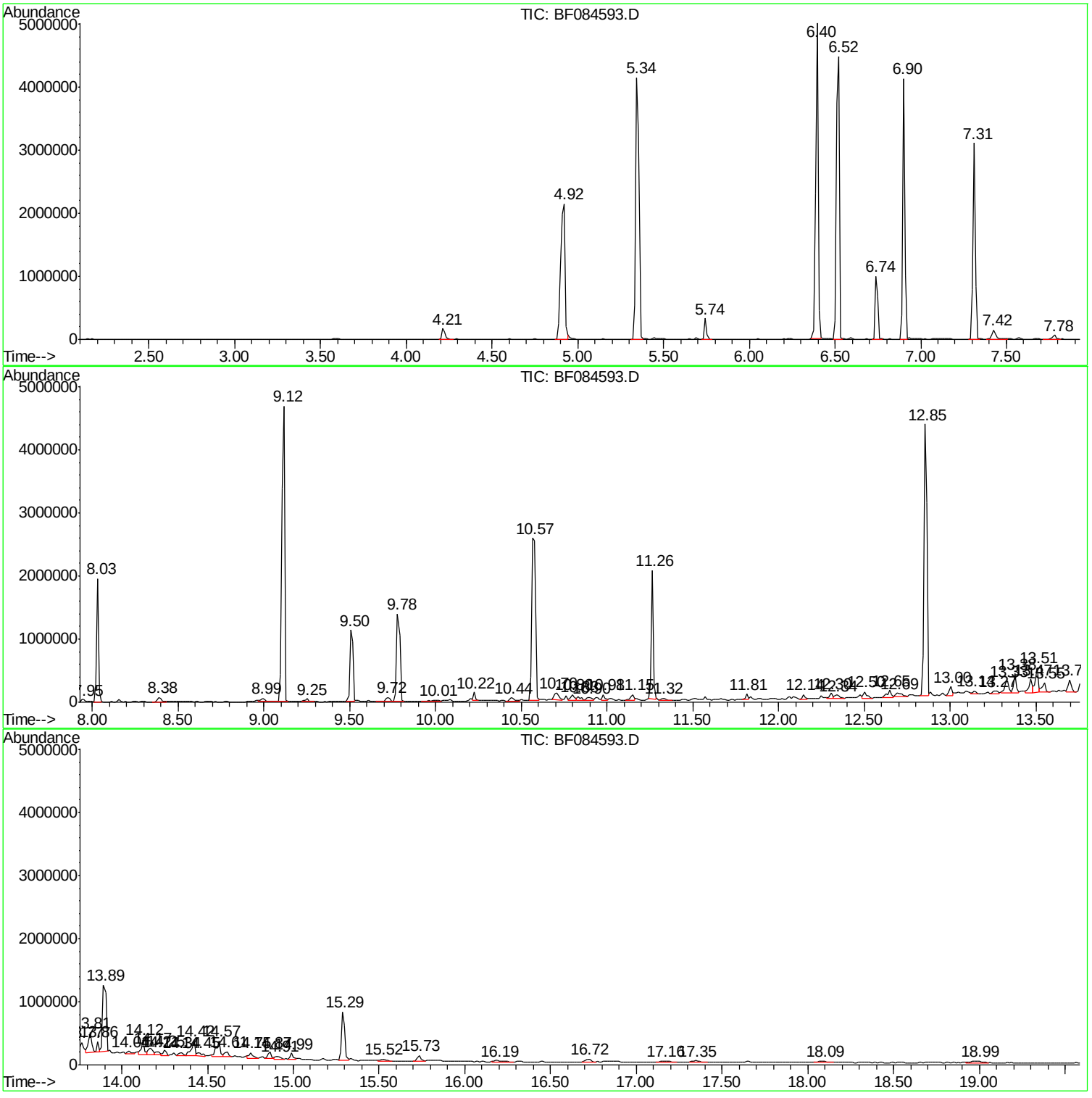
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
Data File : BF084593.D
Acq On : 22 Jan 2016 17:00
Operator : SJ/IZ
Sample : H1187-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS016-3036-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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\BF012216\
Data File : BF084593.D
Acq On : 22 Jan 2016 17:00
Operator : SJ/IZ
Sample : H1187-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS016-3036-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

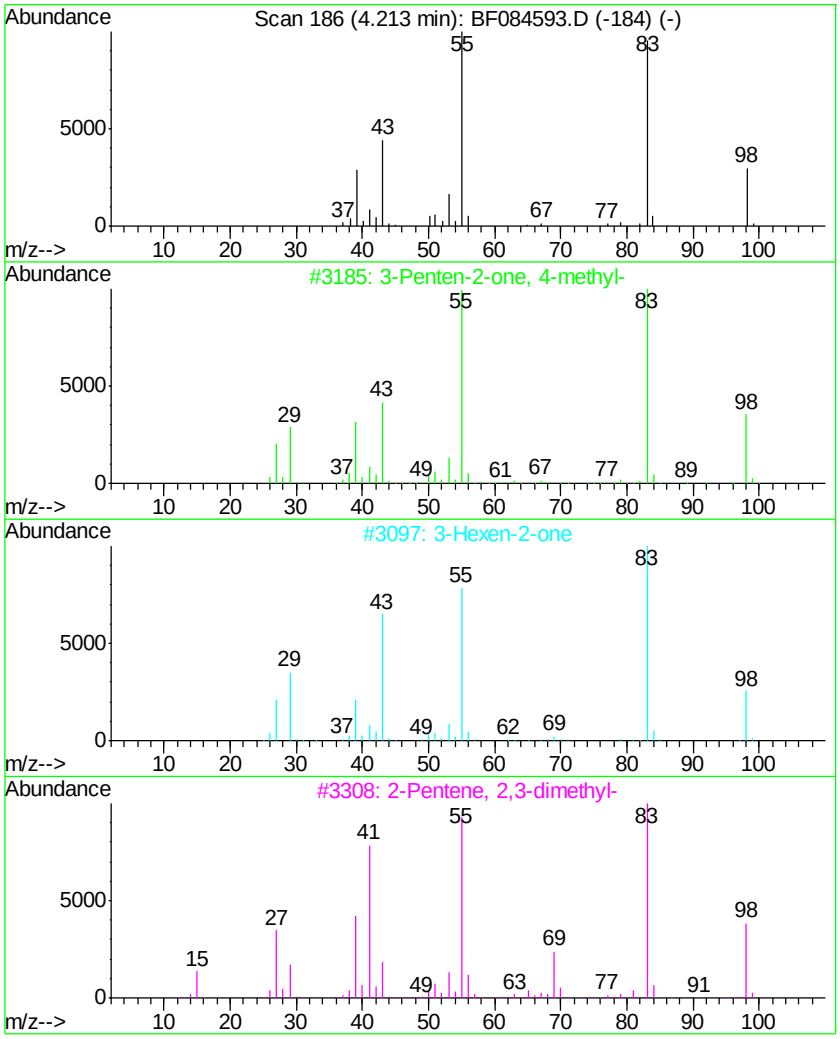
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

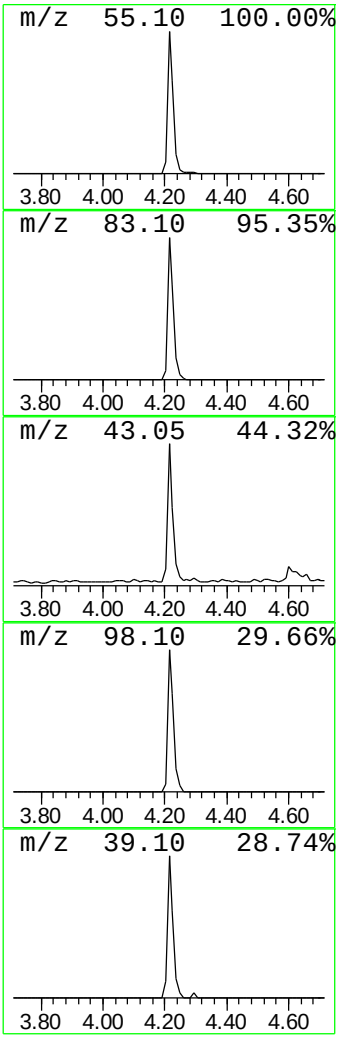
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.21	3.77 ng	220304	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	87
3	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	72
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	72
5	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
Data File : BF084593.D
Acq On : 22 Jan 2016 17:00
Operator : SJ/IZ
Sample : H1187-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS016-3036-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

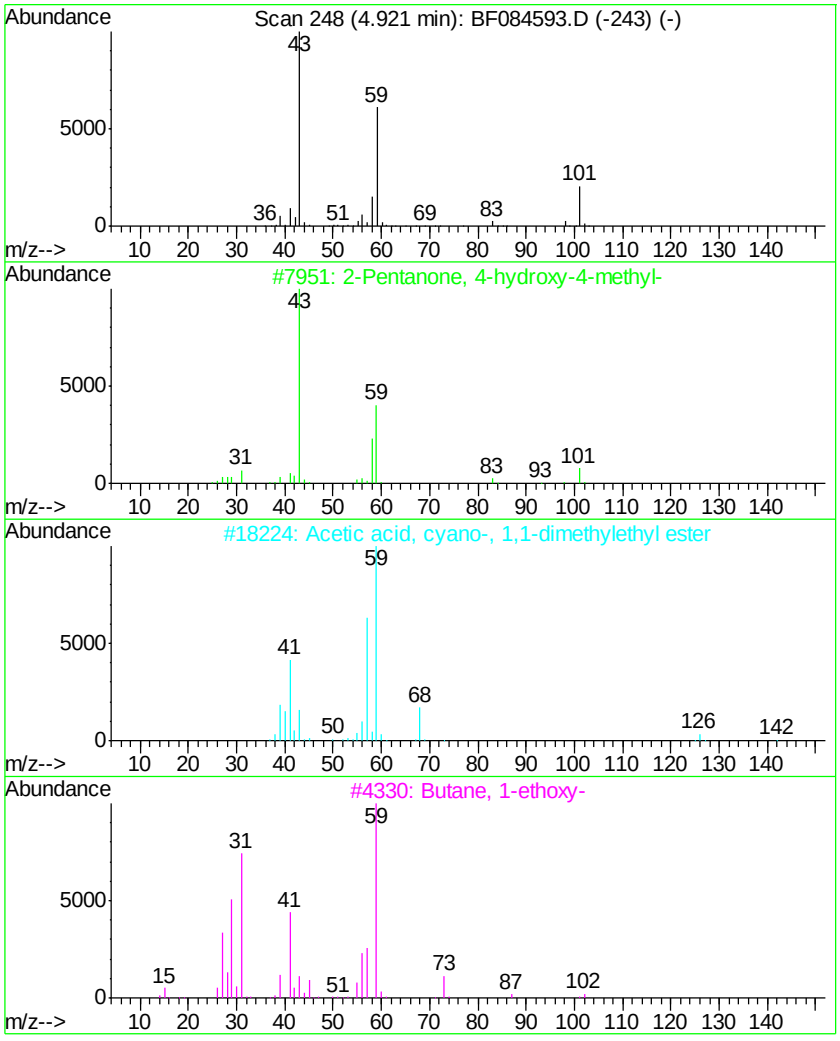
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

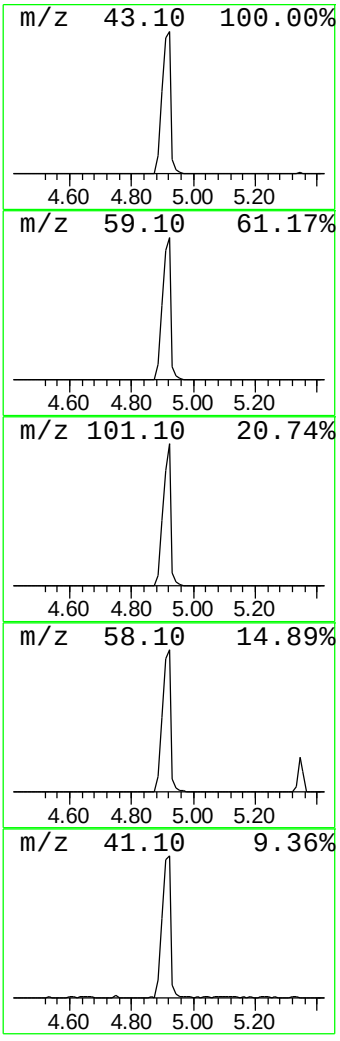
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	68.20 ng	3983860	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
Data File : BF084593.D
Acq On : 22 Jan 2016 17:00
Operator : SJ/IZ
Sample : H1187-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS016-3036-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

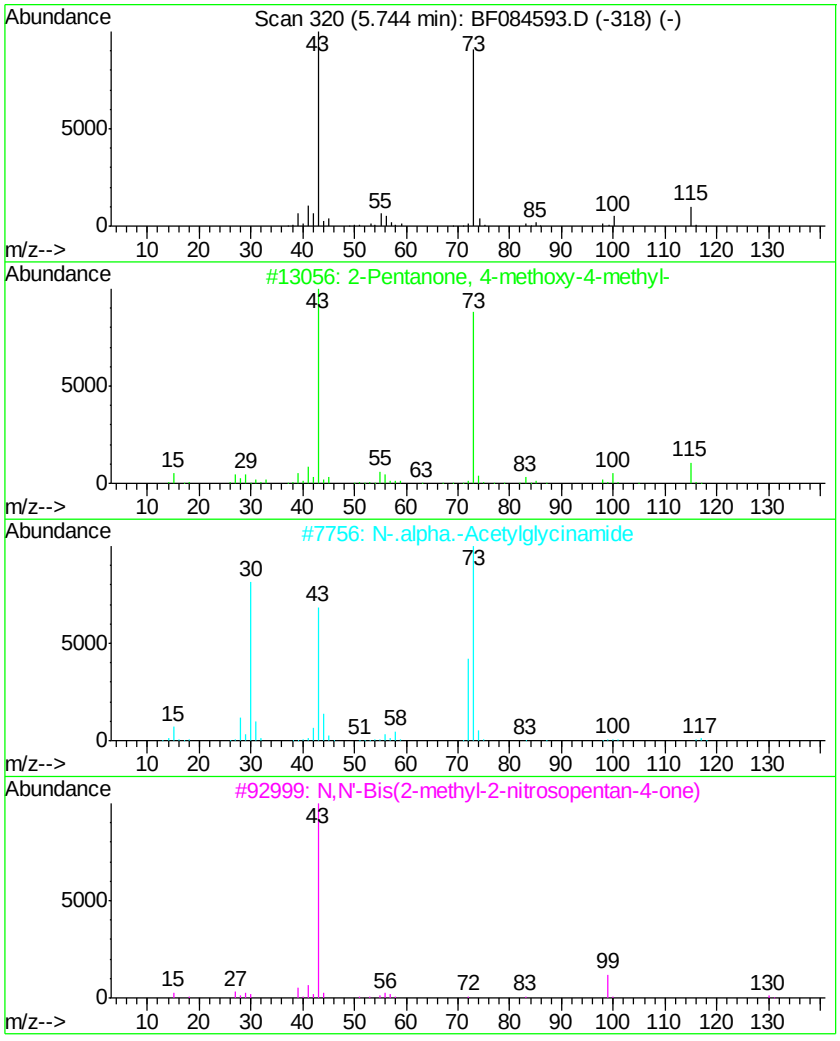
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

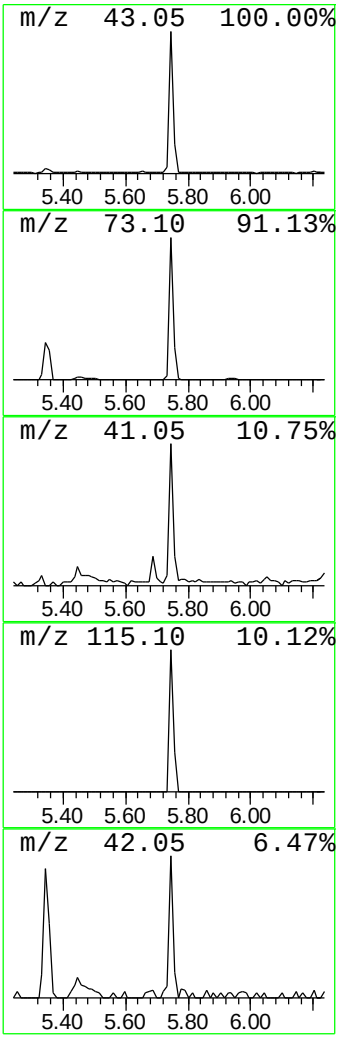
****

Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.74	4.97 ng	290156	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	N-.alpha.-Acetylglycinamide	116	C4H8N2O2	002620-63-5	38
3	N,N'-Bis(2-methyl-2-nitrosopenta...	258	C12H22N2O4	094514-30-4	10
4	N-Formylmorpholine	115	C5H9NO2	004394-85-8	10
5	Hexane, 2-methyl-	100	C7H16	000591-76-4	9





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Acq On : 22 Jan 2016 17:00
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Sample : H1187-02
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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS016-3036-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

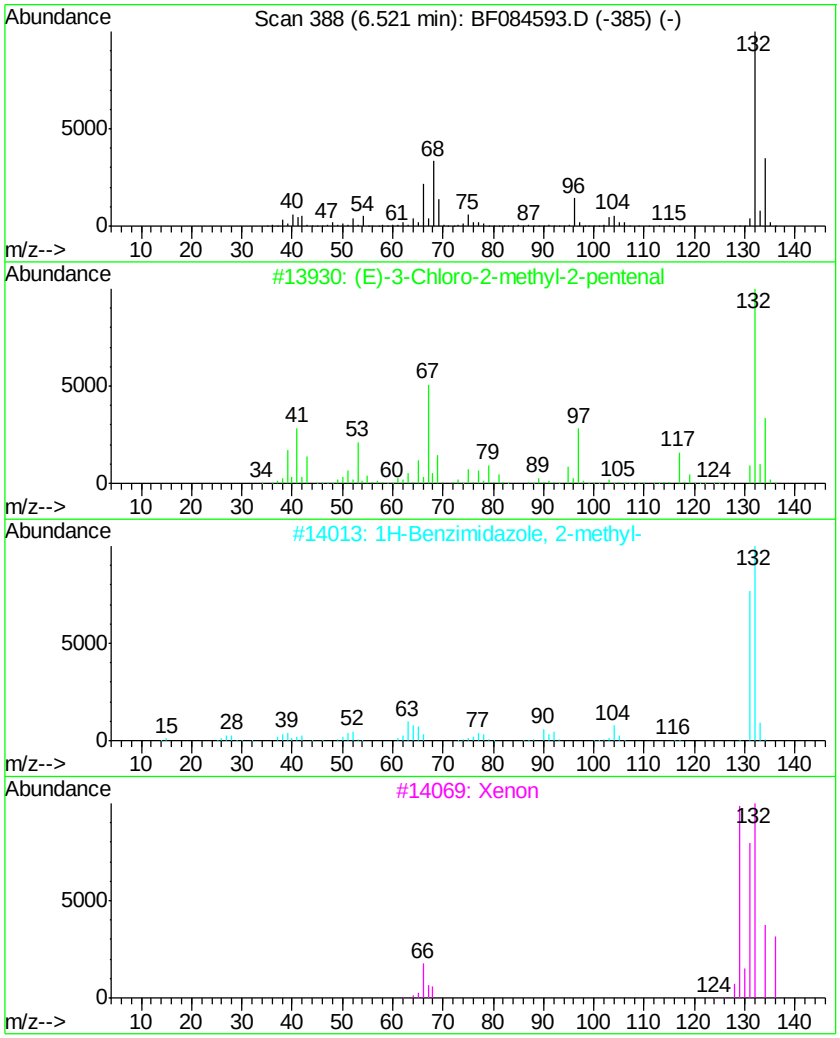
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

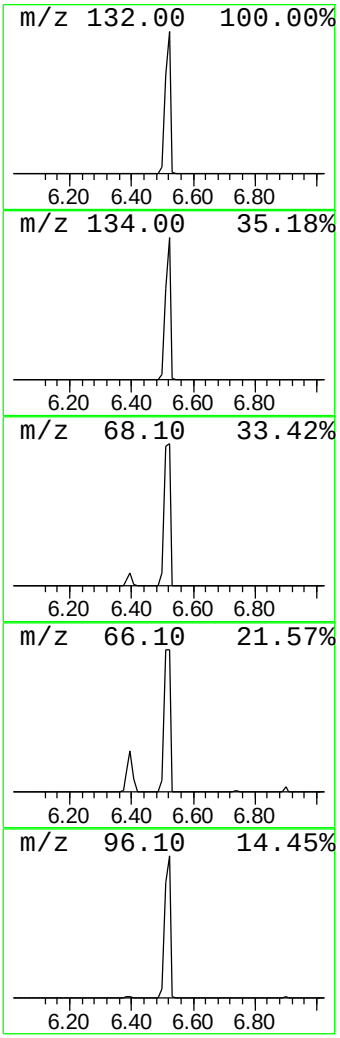
****

Peak Number 4 unknown6.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	100.18 ng	5851850	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
3	Xenon	132	Xe	007440-63-3	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
Data File : BF084593.D
Acq On : 22 Jan 2016 17:00
Operator : SJ/IZ
Sample : H1187-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS016-3036-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

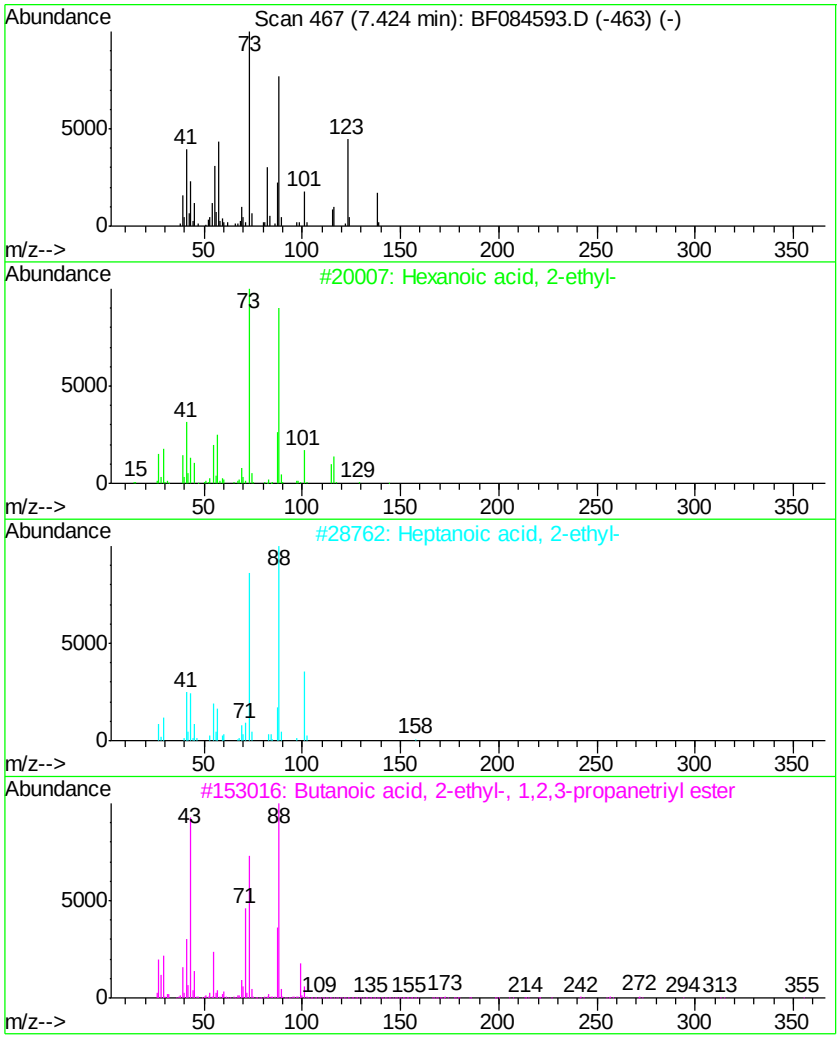
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

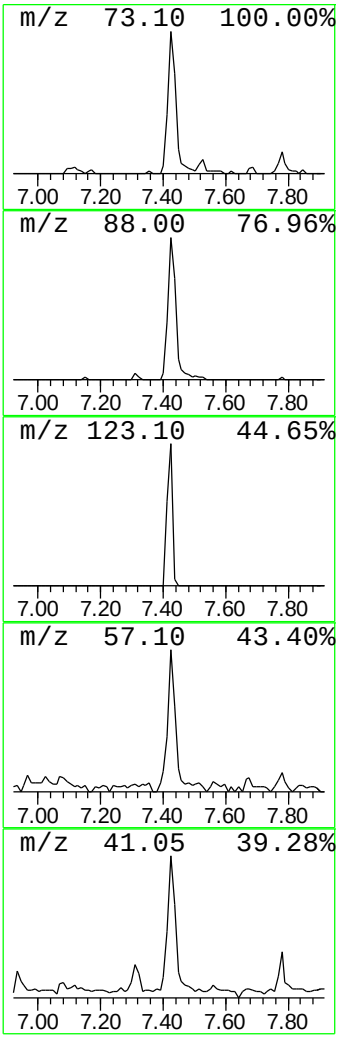
****

Peak Number 6 Hexanoic acid, 2-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	2.90 ng	237986	Naphthalene-d8	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	52
2	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	38
3	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	38
4	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	35
5	Hydrazine, 1,2-diethyl-	88	C4H12N2	001615-80-1	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
Data File : BF084593.D
Acq On : 22 Jan 2016 17:00
Operator : SJ/IZ
Sample : H1187-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS016-3036-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

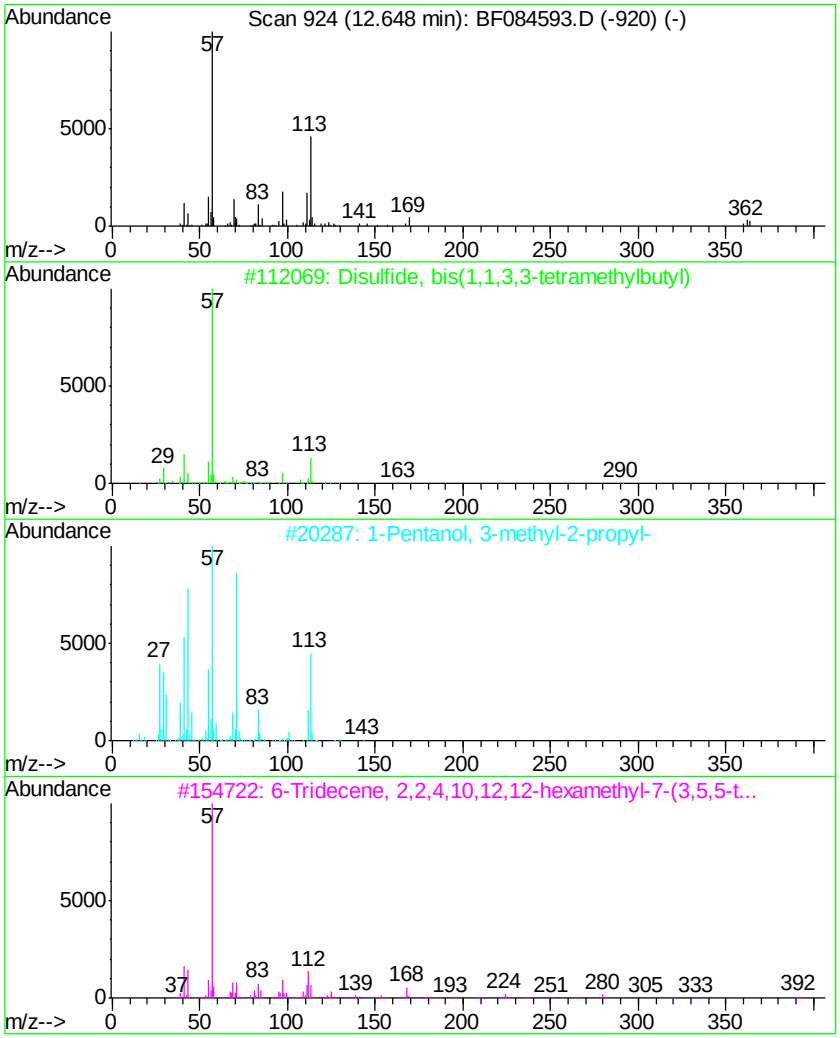
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

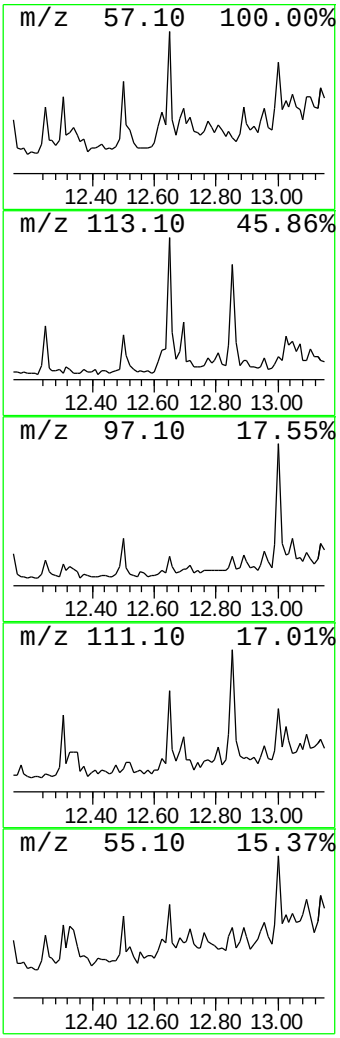
****

Peak Number 7 unknown12.65 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	2.88 ng	203087	Chrysene-d12	13.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disulfide, bis(1,1,3,3-tetrameth...	290	C16H34S2	029956-99-8	36
2	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	28
3	6-Tridecene, 2,2,4,10,12,12-hexa...	392	C28H56	055255-73-7	17
4	2-Azido-2,4,4,6,6,8,8-heptamethy...	267	C16H33N3	1000293-29-1	12
5	Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
Data File : BF084593.D
Acq On : 22 Jan 2016 17:00
Operator : SJ/IZ
Sample : H1187-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS016-3036-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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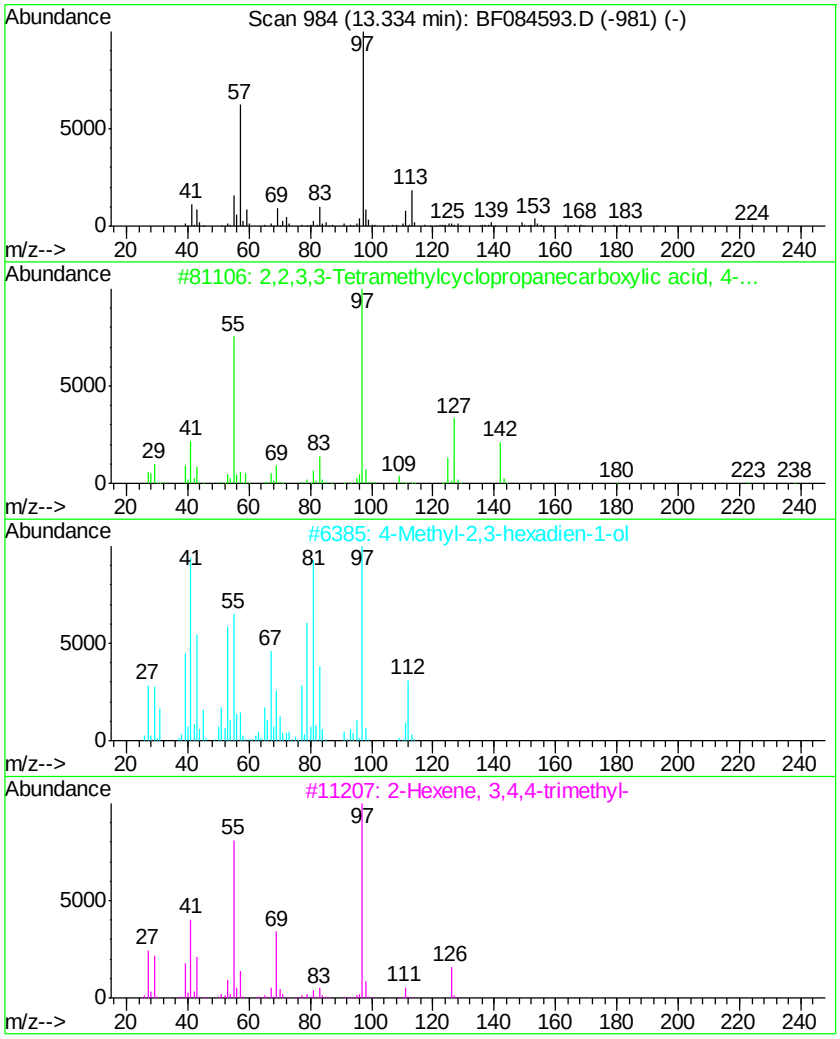
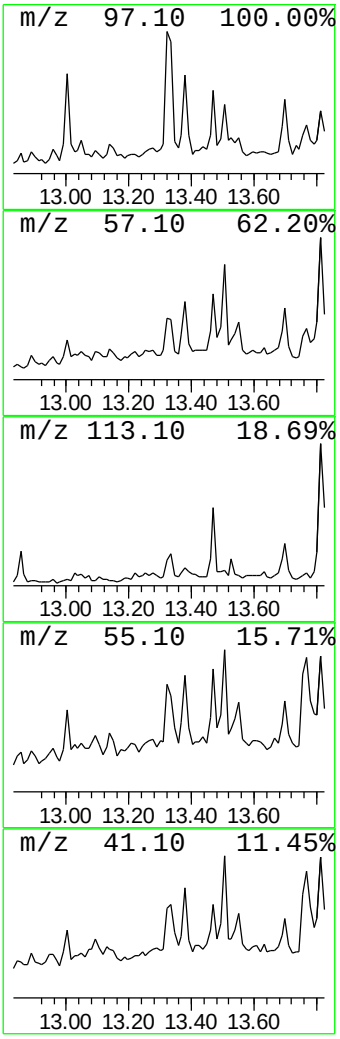
Peak Number 8 2,2,3,3-Tetramethylcyclopro... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	4.80 ng	338460	Chrysene-d12	13.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,3,3-Tetramethylcyclopropanec...	238	C15H26O2	1000221-97-5	50
2	4-Methyl-2,3-hexadien-1-ol	112	C7H12O	1000196-09-6	47
3	2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	45
4	Bicyclo[3.2.0]heptan-2-one, 6-hy...	166	C10H14O2	1000154-96-8	45
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	42





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
Data File : BF084593.D
Acq On : 22 Jan 2016 17:00
Operator : SJ/IZ
Sample : H1187-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS016-3036-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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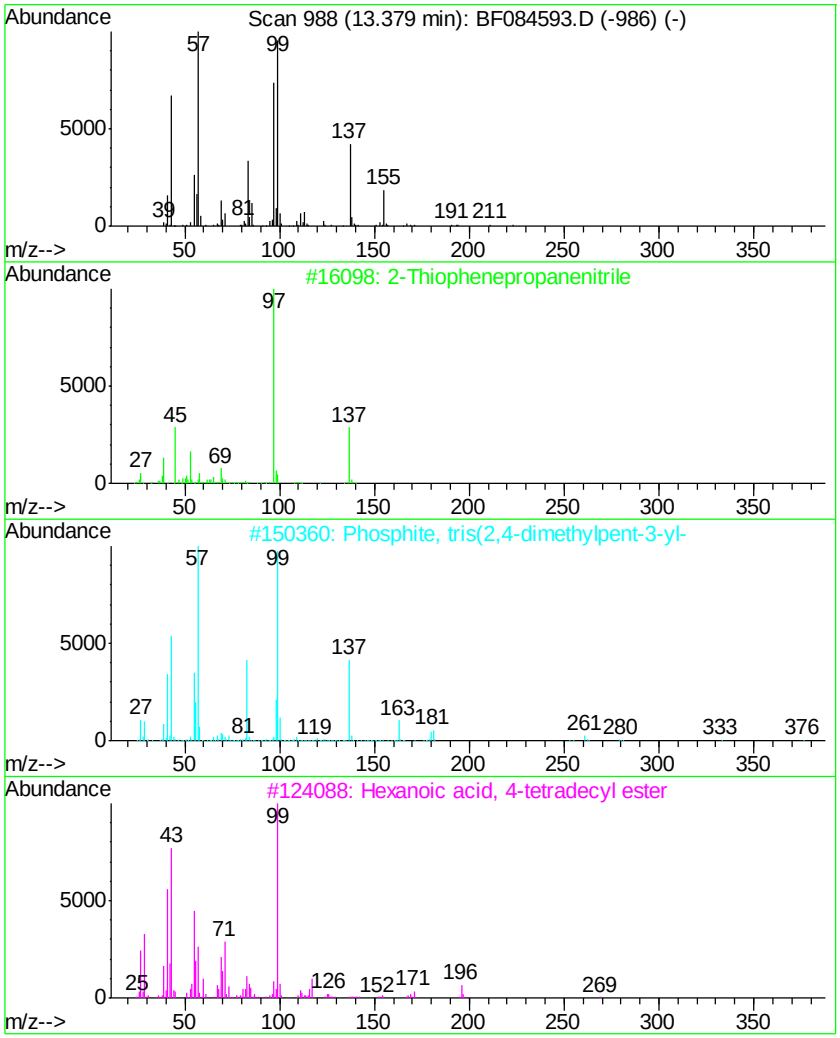
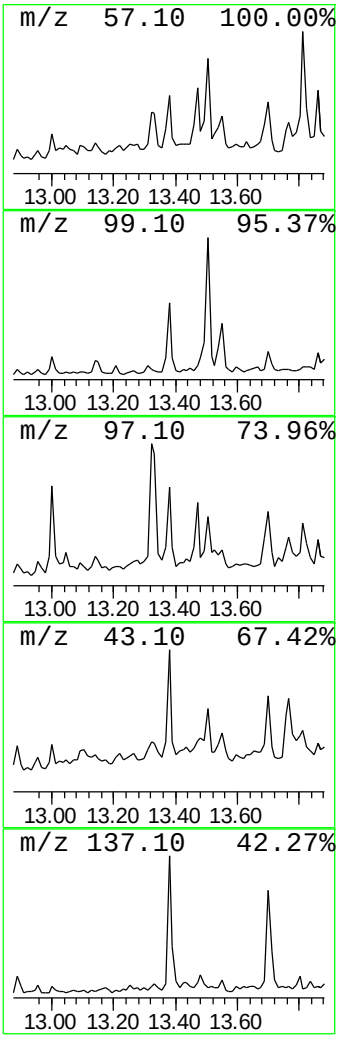
Peak Number 9 unknown13.38 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	4.69 ng	330447	Chrysene-d12	13.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Thiophenepropanenitrile	137	C7H7NS	005722-13-4	35
2	Phosphite, tris(2,4-dimethylpent...	376	C21H45O3P	1000159-84-4	32
3	Hexanoic acid, 4-tetradecyl ester	312	C20H40O2	1000279-29-8	27
4	Hexanoic acid, 3-tetradecyl ester	312	C20H40O2	1000279-29-7	27
5	1H-Pyrazole, 5-ethyl-4,5-dihydro...	126	C7H14N2	021981-22-6	22





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Acq On : 22 Jan 2016 17:00
Operator : SJ/IZ
Sample : H1187-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS016-3036-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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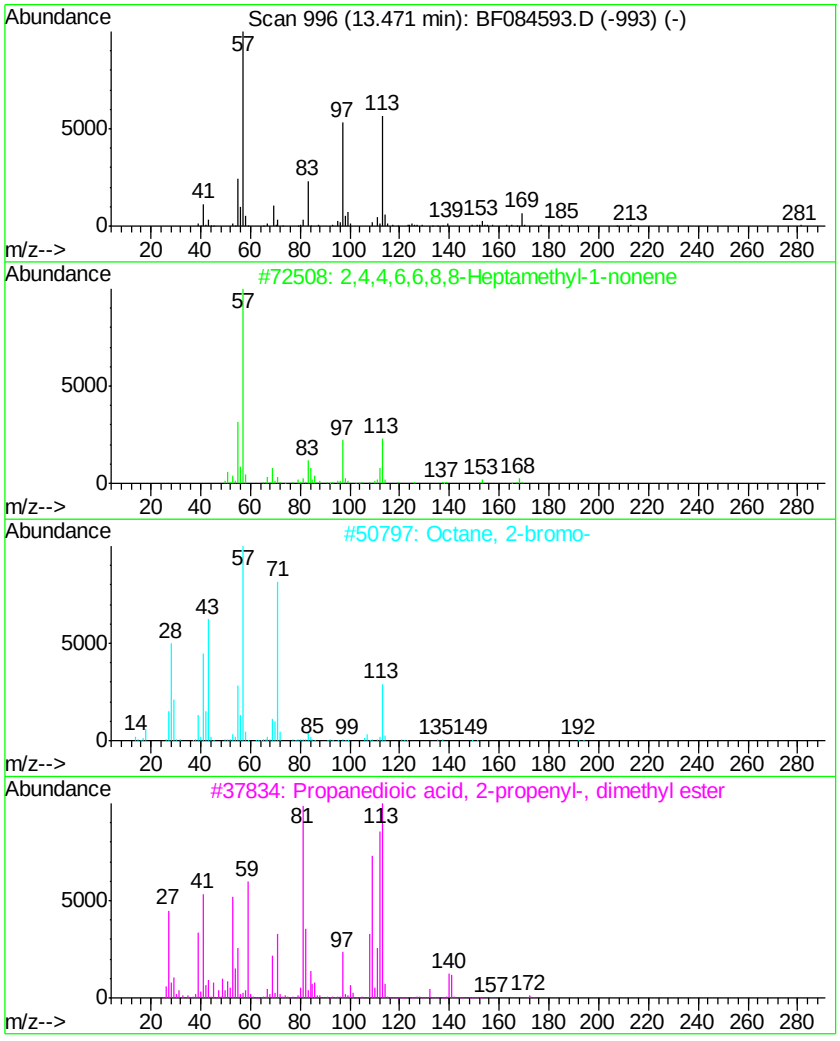
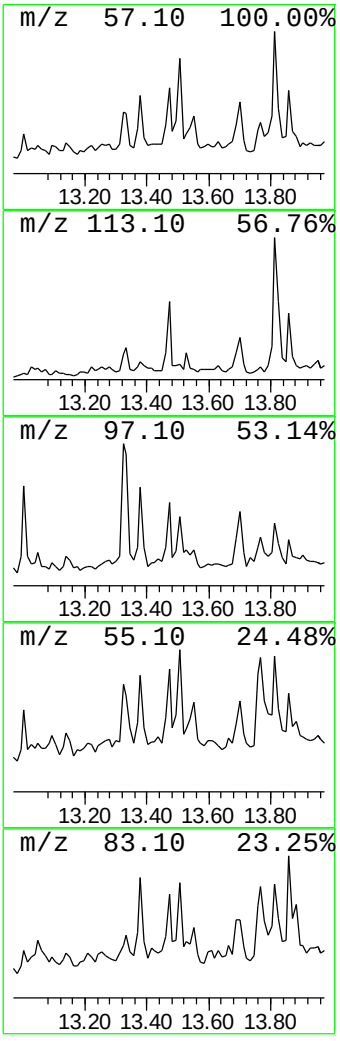
Peak Number 10 2,4,4,6,6,8,8-Heptamethyl-1... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	4.05 ng	285214	Chrysene-d12	13.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	83
2	Octane, 2-bromo-	192	C8H17Br	000557-35-7	38
3	Propanedioic acid, 2-propenyl-, ...	172	C8H12O4	040637-56-7	35
4	Boronic acid, diethyl-, (2-ethyl...	198	C9H20B2O3	058163-56-7	17
5	Acetamide, N-(4-fluorophenyl)-2-...	251	C13H18FN3O	1000267-87-7	16





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Operator : SJ/IZ
Sample : H1187-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS016-3036-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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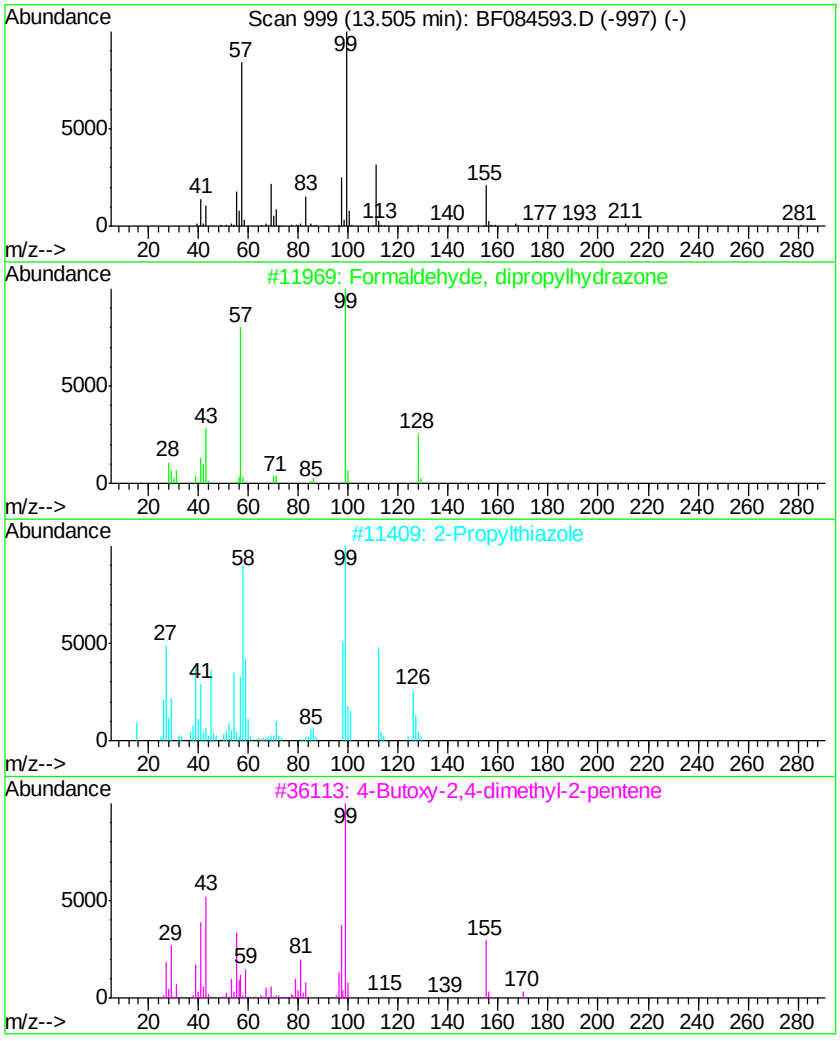
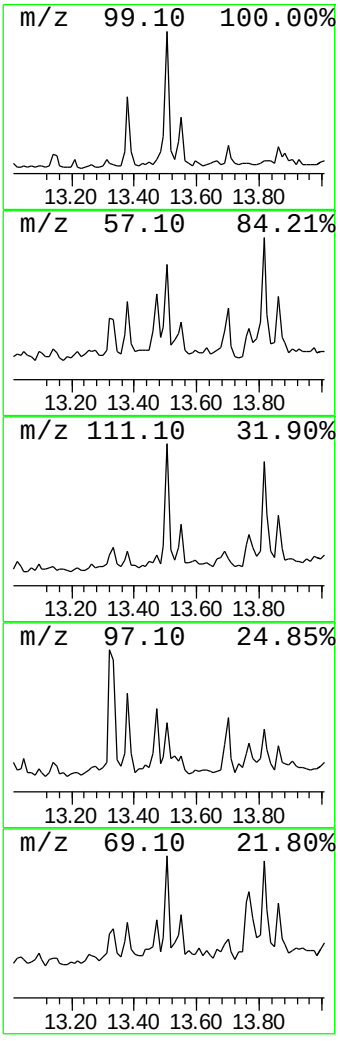
Peak Number 11 unknown13.51 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	5.45 ng	384038	Chrysene-d12	13.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formaldehyde, dipropylhydrazone	128	C7H16N2	054253-56-4	37
2	2-Propylthiazole	127	C6H9NS	017626-75-4	35
3	4-Butoxy-2,4-dimethyl-2-pentene	170	C11H22O	1000159-08-7	32
4	2,2-Dimethyl-3-octanone	156	C10H20O	005340-64-7	32
5	Hexanoic acid, 4-hexadecyl ester	340	C22H44O2	1000282-83-8	25





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Acq On : 22 Jan 2016 17:00
Operator : SJ/IZ
Sample : H1187-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS016-3036-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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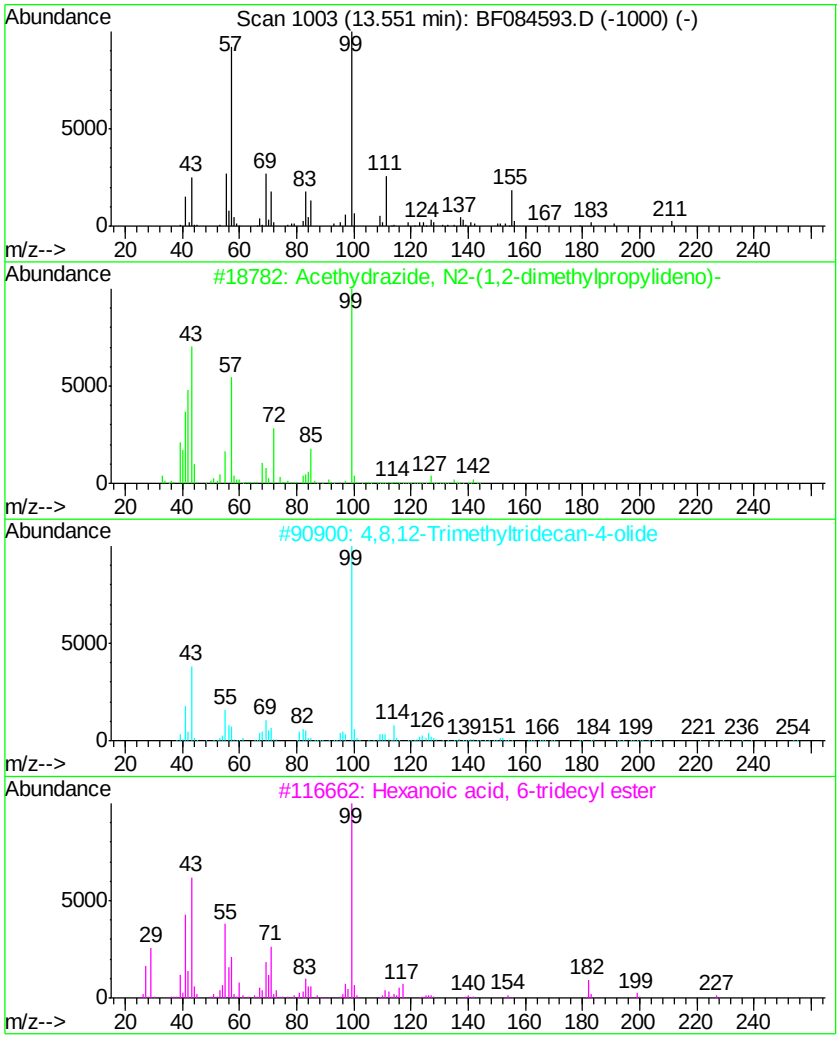
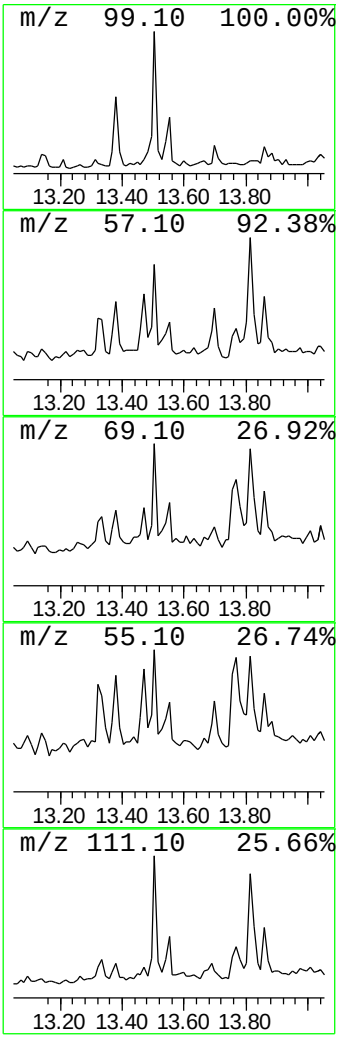
Peak Number 12 unknown13.55 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	3.31 ng	233534	Chrysene-d12	13.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acethydrazide, N2-(1,2-dimethylp...	142	C7H14N2O	119393-09-8	47
2	4,8,12-Trimethyltridecan-4-olide	254	C16H30O2	220904-24-5	43
3	Hexanoic acid, 6-tridecyl ester	298	C19H38O2	1000279-29-5	43
4	Pyrrol-2(5H)-one, 4-acetyl-5-(2-...	363	C18H22ClN3O3	302566-40-1	43
5	Diaziridine, 1,2-dipropyl-	128	C7H16N2	006794-92-9	42





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Acq On : 22 Jan 2016 17:00
Operator : SJ/IZ
Sample : H1187-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS016-3036-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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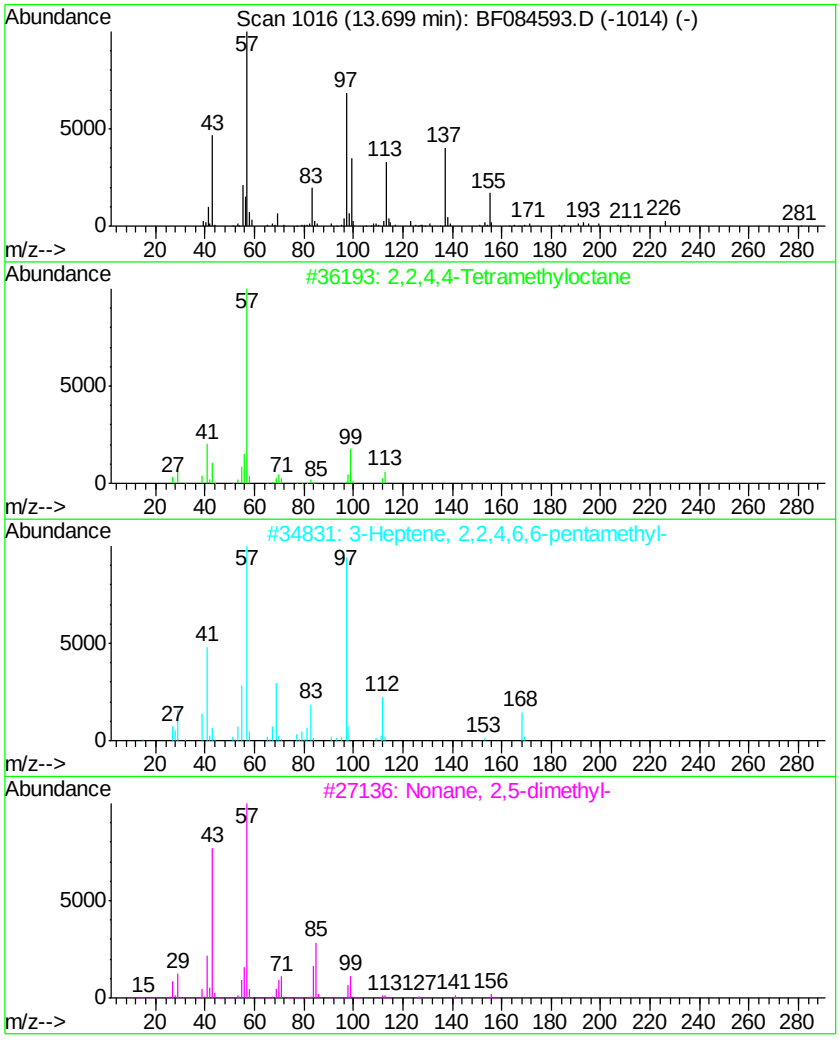
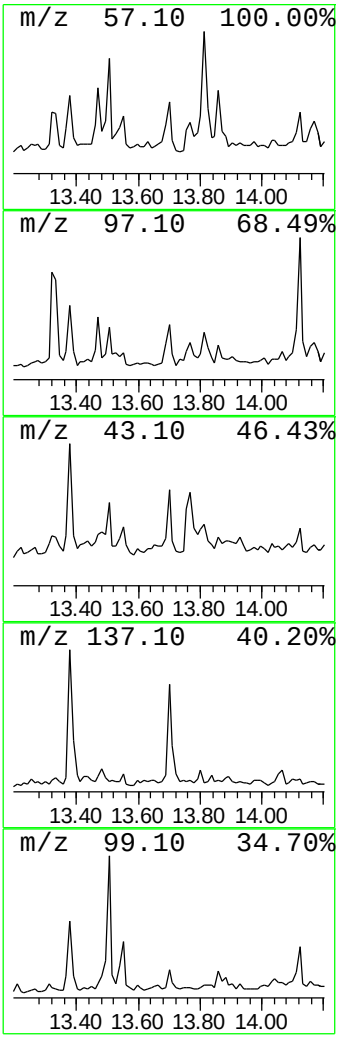
Peak Number 13 unknown13.70 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	3.16 ng	222709	Chrysene-d12	13.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,4,4-Tetramethyloctane	170	C12H26	062183-79-3	22
2	3-Heptene, 2,2,4,6,6-pentamethyl-	168	C12H24	000123-48-8	17
3	Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	10
4	1-Hexene, 2,4,4-triethyl-	168	C12H24	1000156-96-5	10
5	2,4-Dimethyl-1,5-diazabicyclo[3....	112	C6H12N2	100463-01-2	10





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Acq On : 22 Jan 2016 17:00
Operator : SJ/IZ
Sample : H1187-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS016-3036-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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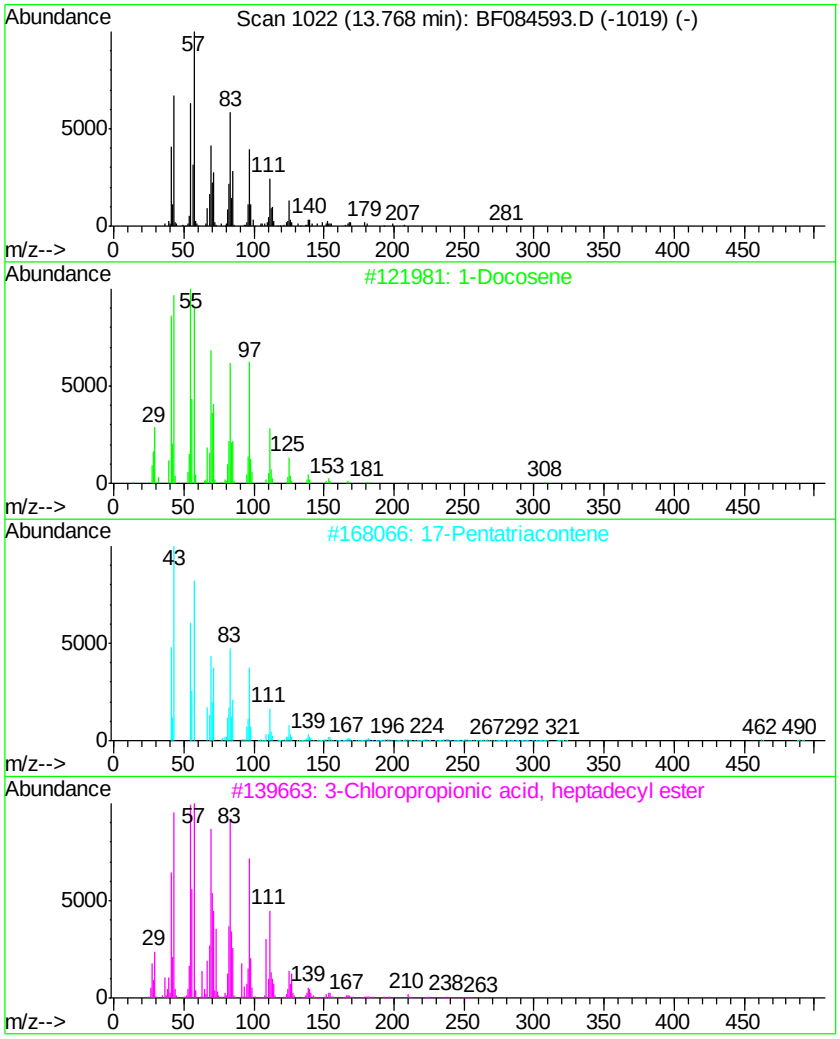
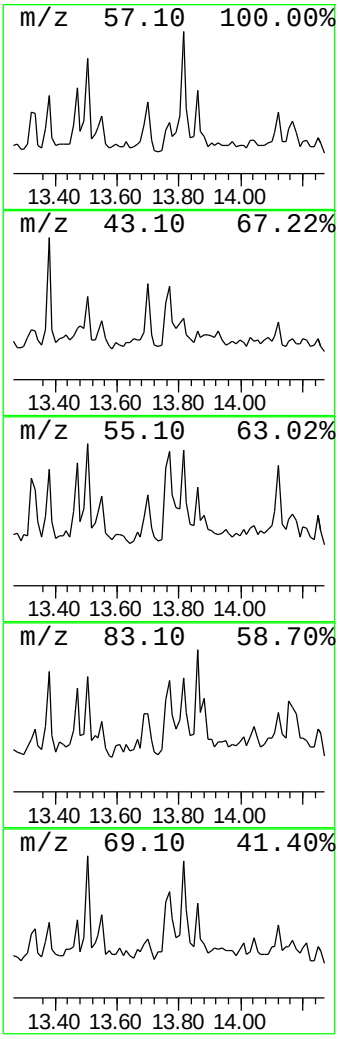
Peak Number 14 1-Docosene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	5.07 ng	357138	Chrysene-d12	13.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	80
2	17-Pentatriacontene	491	C35H70	006971-40-0	80
3	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	68
4	1-Heptadecanol	256	C17H36O	001454-85-9	58
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	58





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Acq On : 22 Jan 2016 17:00
Operator : SJ/IZ
Sample : H1187-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS016-3036-01

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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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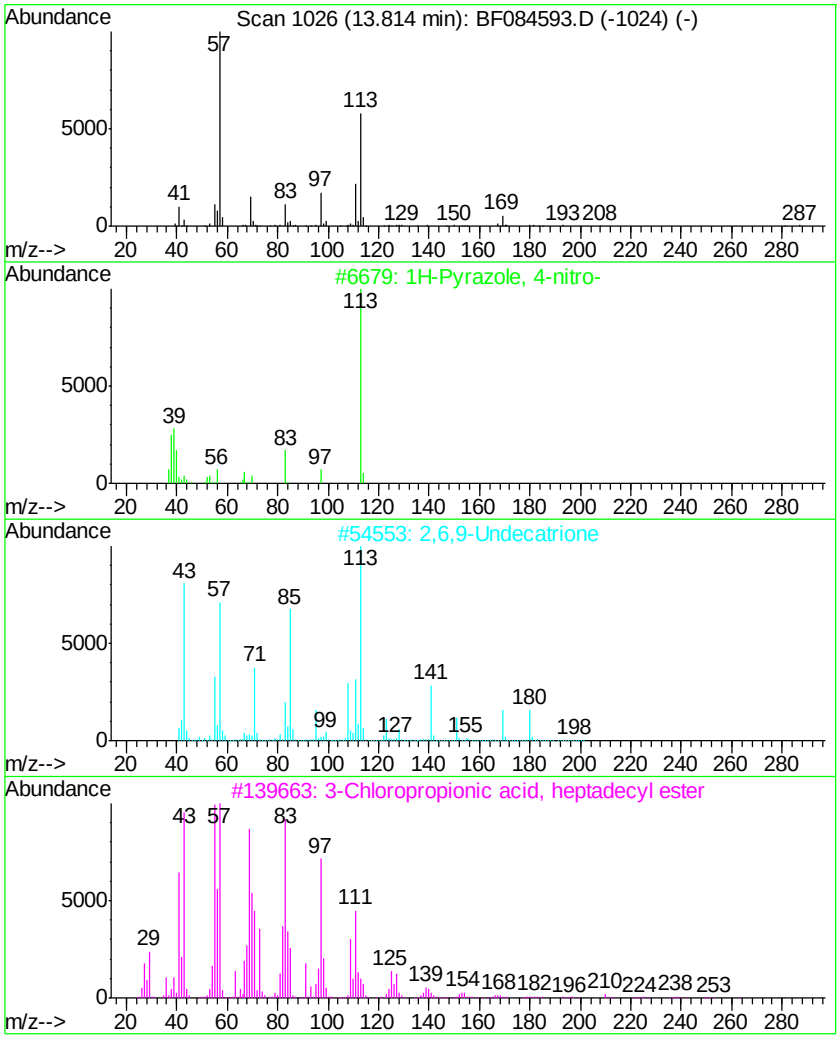
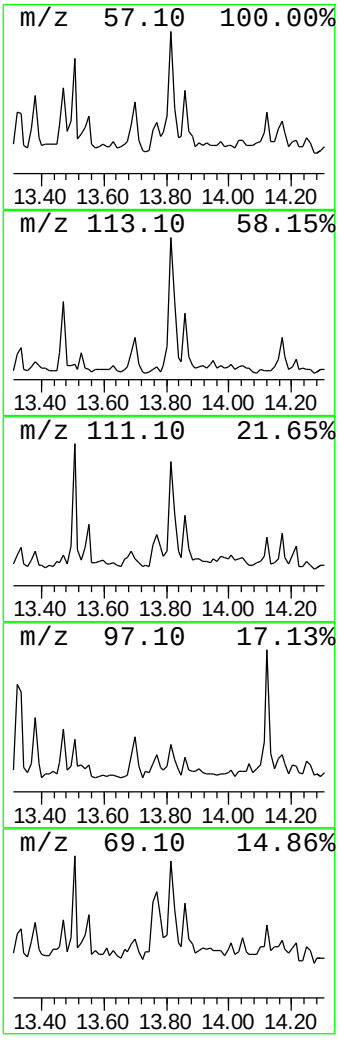
Peak Number 15 unknown13.81 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	5.53 ng	389909	Chrysene-d12	13.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole, 4-nitro-	113	C3H3N3O2	002075-46-9	35
2	2,6,9-Undecatrione	198	C11H18O3	078975-91-4	28
3	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	25
4	2-Pentenal, 2,4,4-trimethyl-	126	C8H14O	053907-61-2	25
5	4-Fluoro-6-aminopyrimidine	113	C4H4FN3	051421-96-6	22





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Acq On : 22 Jan 2016 17:00
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Sample : H1187-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS016-3036-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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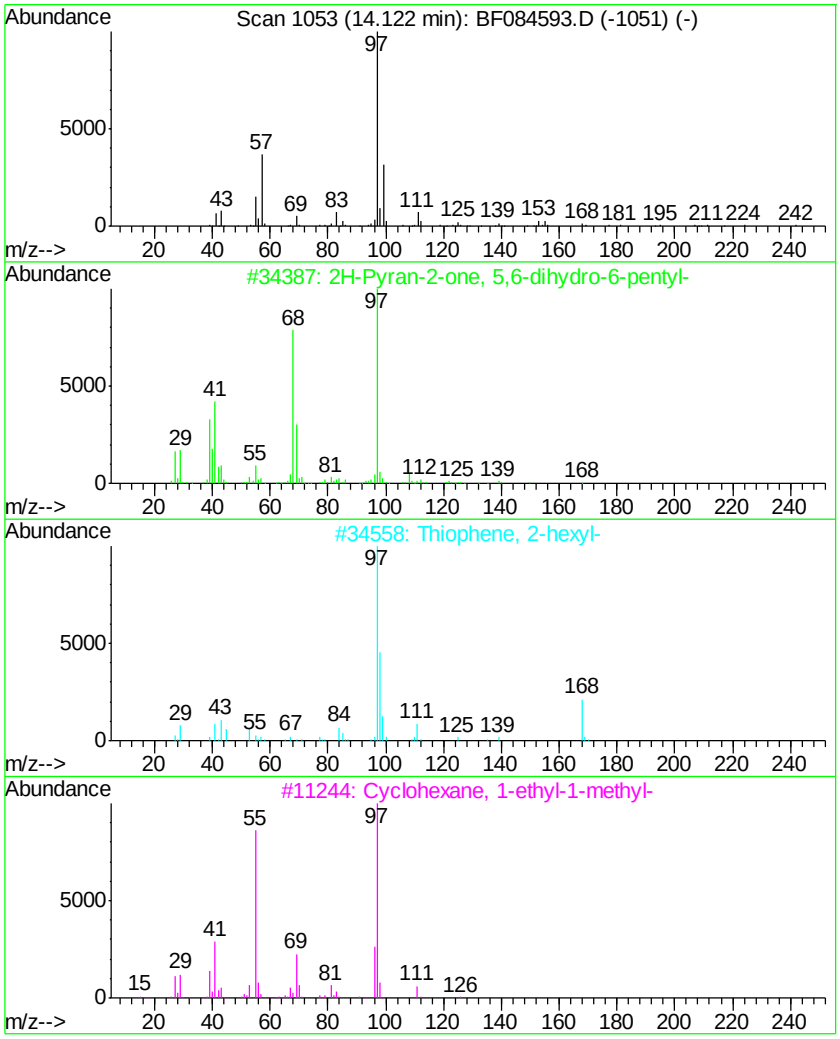
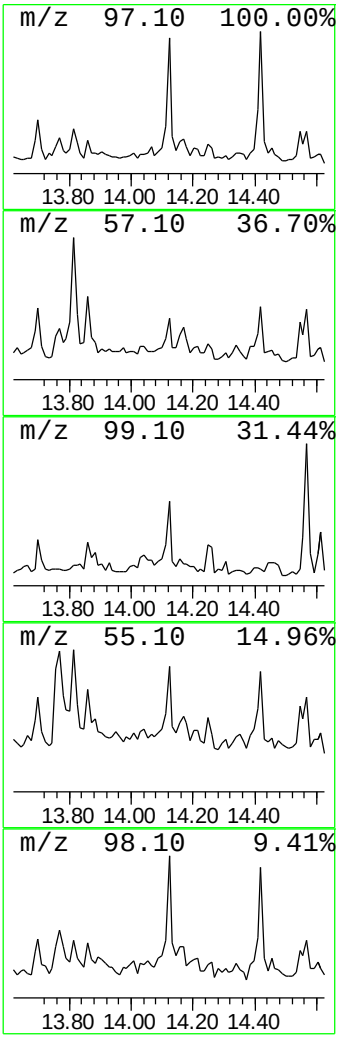
Peak Number 16 2H-Pyran-2-one, 5,6-dihydro... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	3.78 ng	266499	Chrysene-d12	13.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran-2-one, 5,6-dihydro-6-pe...	168	C10H16O2	054814-64-1	59
2	Thiophene, 2-hexyl-	168	C10H16S	018794-77-9	59
3	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	42
4	3-Decen-5-one, 2-methyl-	168	C11H20O	032064-75-8	39
5	2-Thiopheneacetic acid, 2-butyl ...	198	C10H14O2S	1000278-92-0	38





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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS016-3036-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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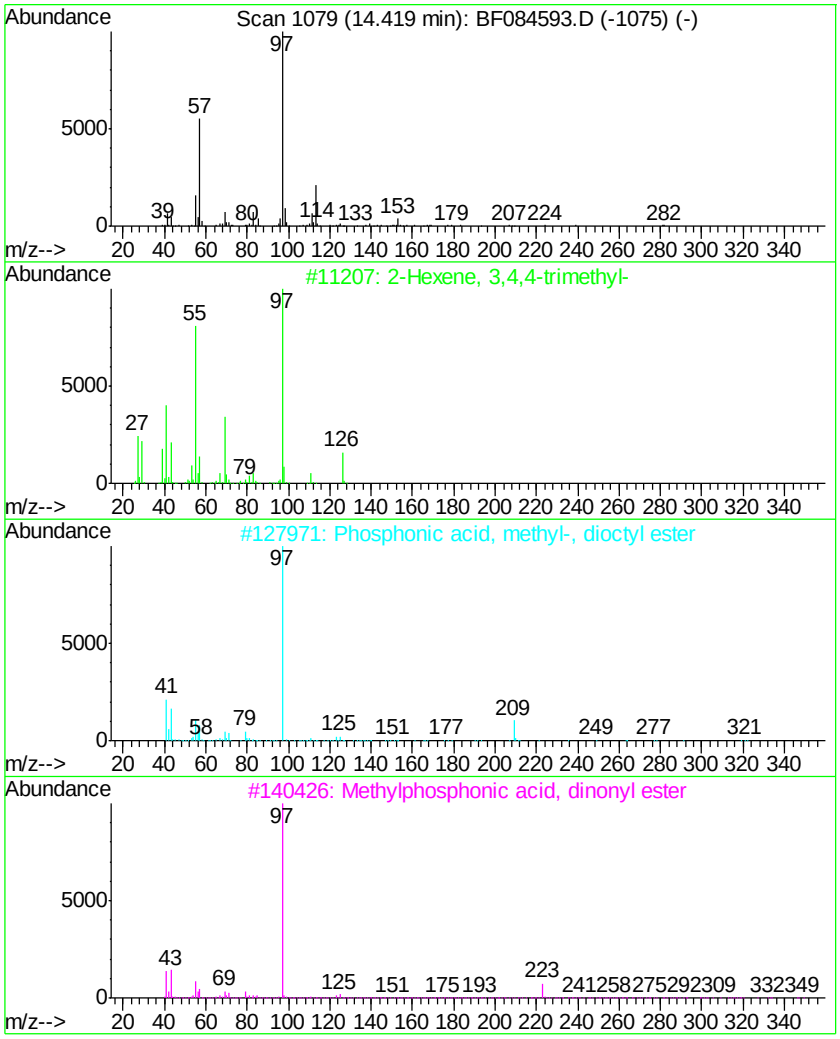
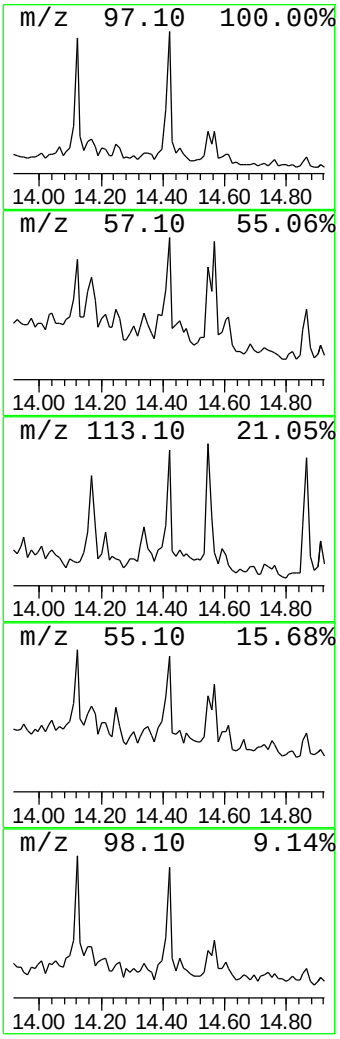
Peak Number 17 unknown14.42 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	5.05 ng	355720	Chrysene-d12	13.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	38
2	Phosphonic acid, methyl-, dioctyl...	320	C17H37O3P	001832-68-4	38
3	Methylphosphonic acid, dinonyl e...	348	C19H41O3P	095428-88-9	37
4	2-Thiopheneacetic acid, 2-butyl ...	198	C10H14O2S	1000278-92-0	33
5	Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	33





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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS016-3036-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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TIC Library : C:\DATABASE\NIST02.L
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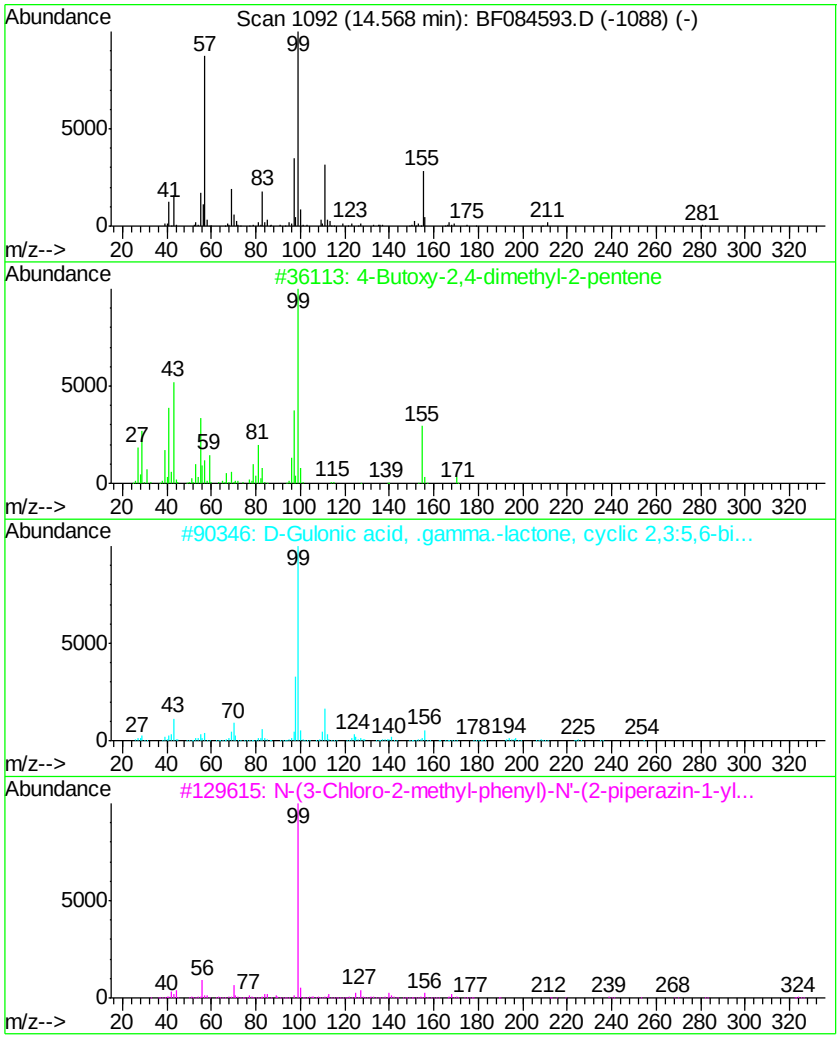
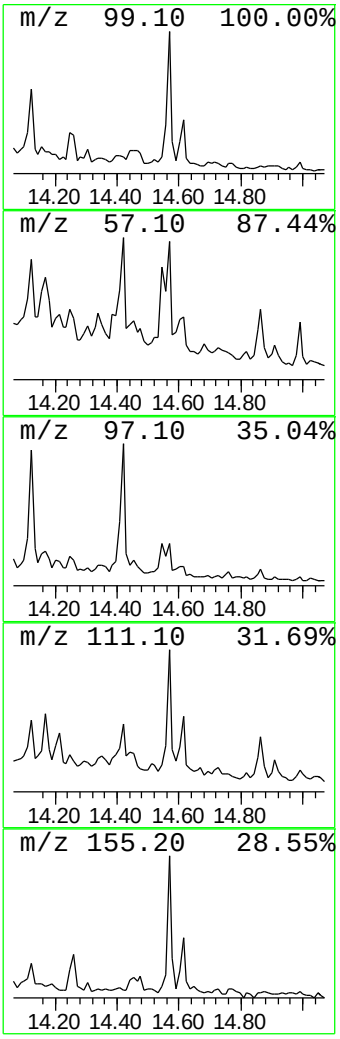
Peak Number 18 unknown14.57 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	6.10 ng	429811	Chrysene-d12	13.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Butoxy-2,4-dimethyl-2-pentene	170	C11H22O	1000159-08-7	42
2	D-Gulonic acid, .gamma.-lactone,...	254	C10H16B2O6	074128-60-2	37
3	N-(3-Chloro-2-methyl-phenyl)-N'-...	324	C15H21ClN4O2	1000294-79-6	35
4	1-Methyl-1-(2,2-dimethylpropyl)o...	186	C10H22OSi	1000216-96-9	32
5	Tetrahydrofuran-2-one, 3-[2-pent...	168	C10H16O2	1000132-08-6	25





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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS016-3036-01

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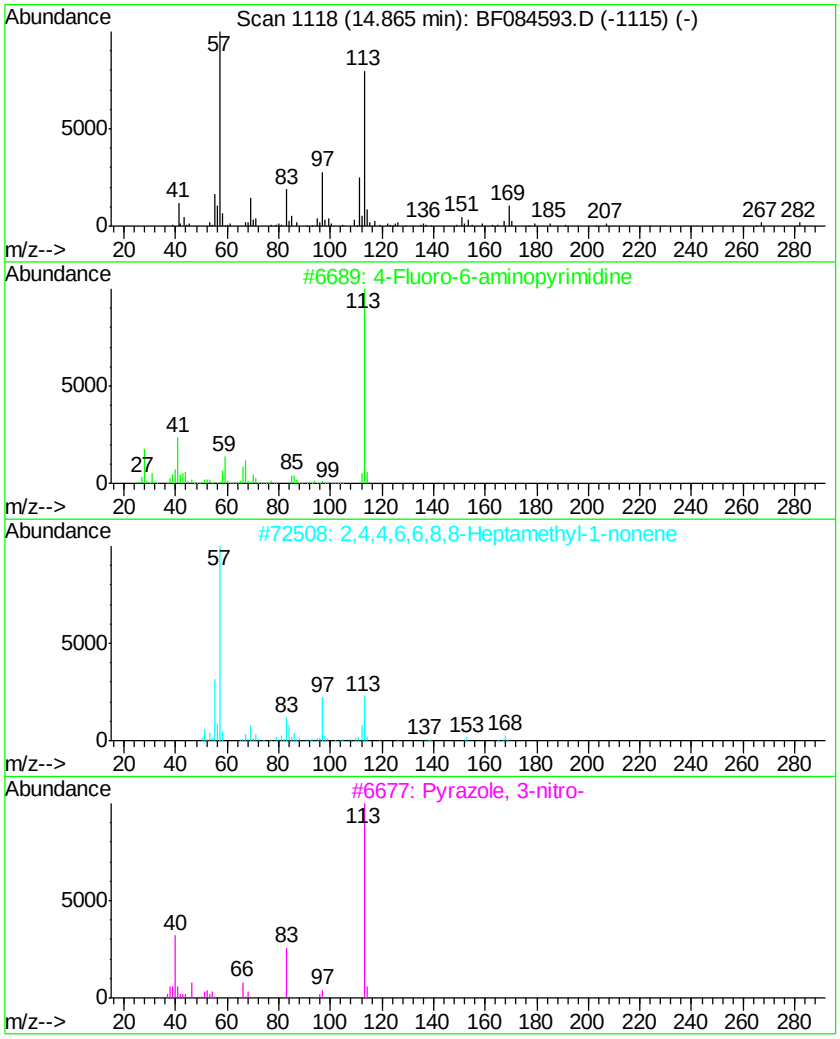
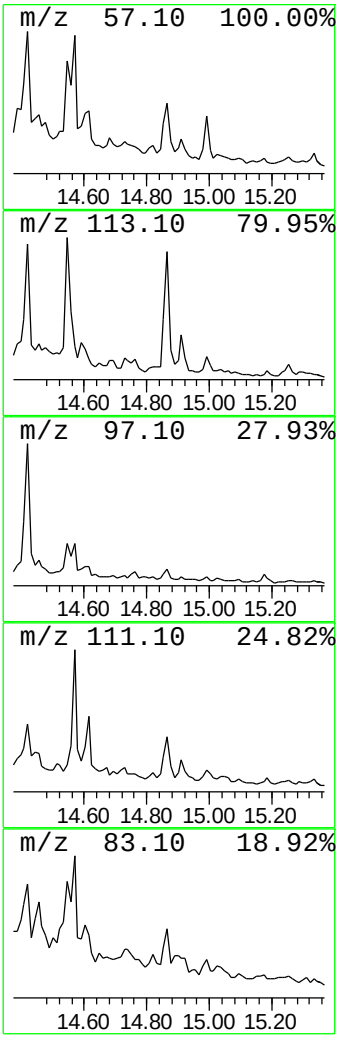
Peak Number 19 unknown14.87 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	2.74 ng	141082	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Fluoro-6-aminopyrimidine	113	C4H4FN3	051421-96-6	46
2	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	40
3	Pyrazole, 3-nitro-	113	C3H3N3O2	026621-44-3	38
4	1H-Pyrazole, 4-nitro-	113	C3H3N3O2	002075-46-9	38
5	3-Heptadec-8-enyl-2,4,10-trioxa-...	378	C24H42O3	1000189-57-5	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
Data File : BF084593.D
Acq On : 22 Jan 2016 17:00
Operator : SJ/IZ
Sample : H1187-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS016-3036-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

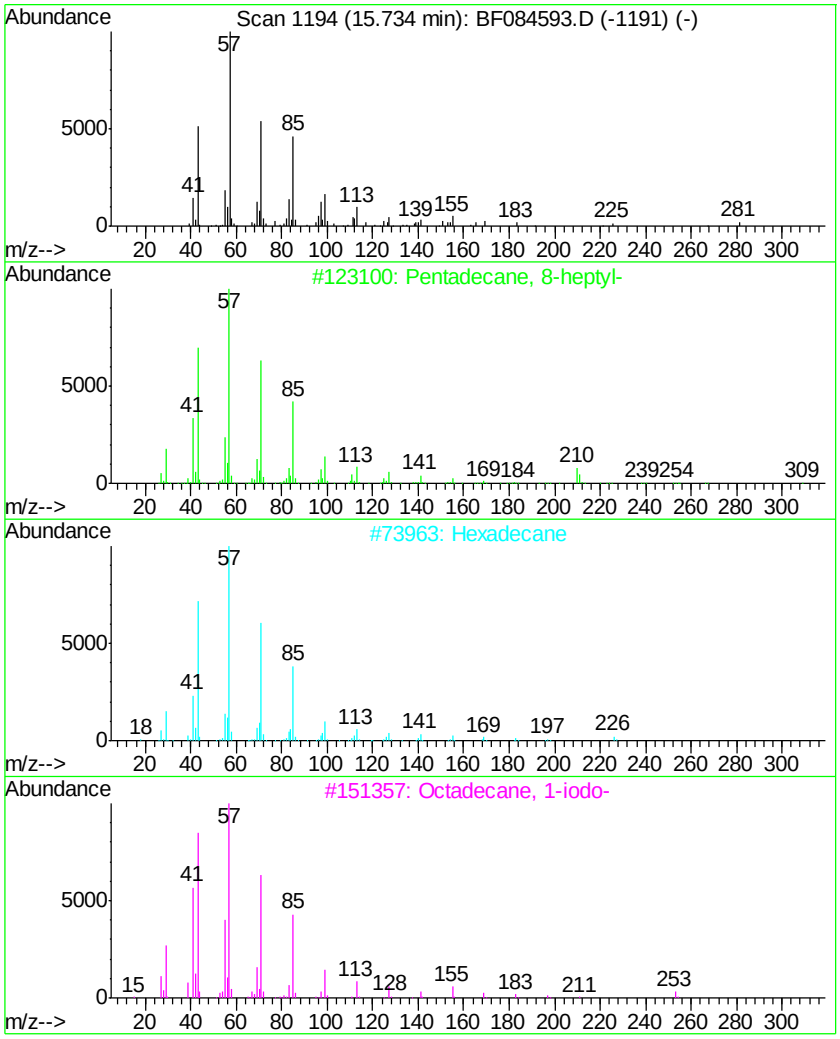
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

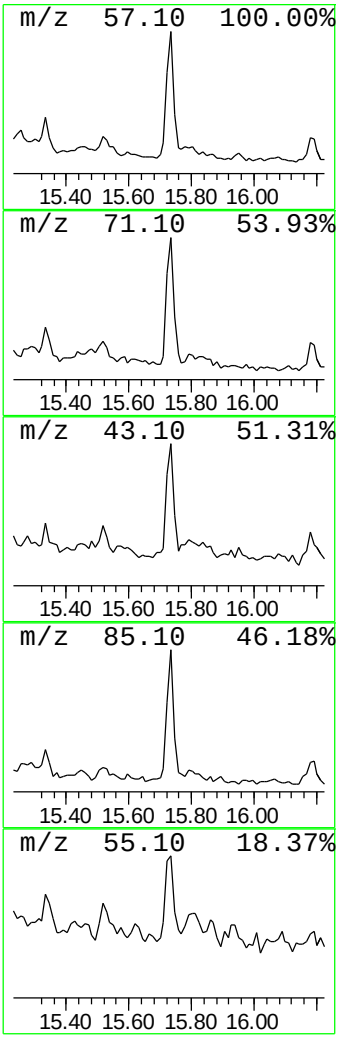
****

Peak Number 20 Pentadecane, 8-heptyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	2.90 ng	149617	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
2	Hexadecane	226	C16H34	000544-76-3	86
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
4	Heneicosane	296	C21H44	000629-94-7	86
5	Heptadecane	240	C17H36	000629-78-7	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012216\
Data File : BF084593.D
Acq On : 22 Jan 2016 17:00
Operator : SJ/IZ
Sample : H1187-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS016-3036-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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
3-Penten-2-one, 4...	4.21	3.8	ng	220304	1	6.74	1168260	20.0
2-Pentanone, 4-hy...	4.92	68.2	ng	3983860	1	6.74	1168260	20.0
2-Pentanone, 4-me...	5.74	5.0	ng	290156	1	6.74	1168260	20.0
unknown6.52	6.52	100.2	ng	5851850	1	6.74	1168260	20.0
Hexanoic acid, 2-...	7.42	2.9	ng	237986	2	8.03	1643770	20.0
unknown12.65	12.65	2.9	ng	203087	5	13.91	1409320	20.0
2,2,3,3-Tetrameth...	13.33	4.8	ng	338460	5	13.91	1409320	20.0
unknown13.38	13.38	4.7	ng	330447	5	13.91	1409320	20.0
2,4,4,6,6,8,8-Hep...	13.47	4.0	ng	285214	5	13.91	1409320	20.0
unknown13.51	13.51	5.5	ng	384038	5	13.91	1409320	20.0
unknown13.55	13.55	3.3	ng	233534	5	13.91	1409320	20.0
unknown13.70	13.70	3.2	ng	222709	5	13.91	1409320	20.0
1-Docosene	13.77	5.1	ng	357138	5	13.91	1409320	20.0
unknown13.81	13.81	5.5	ng	389909	5	13.91	1409320	20.0
2H-Pyran-2-one, 5...	14.12	3.8	ng	266499	5	13.91	1409320	20.0
unknown14.42	14.42	5.0	ng	355720	5	13.91	1409320	20.0
unknown14.57	14.57	6.1	ng	429811	5	13.91	1409320	20.0
unknown14.87	14.87	2.7	ng	141082	6	15.29	1030640	20.0
Pentadecane, 8-he...	15.73	2.9	ng	149617	6	15.29	1030640	20.0