LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
Data File : BF090448.D
Acq On : 7 Oct 2016 16:20
Operator : UM/SJ
Sample : H5129-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WW

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-BF100516.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	5.777	298	301	312	rVV	1599142	6537049	3.52%	0.665%
2	5.960	313	317	330	rVV2	417193	2886945	1.55%	0.294%
3	6.771	379	388	399	rBV	514909	4964001	2.67%	0.505%
4	7.080	409	415	456	rBV	9411813	185898293	100.00%	18.919%
5	7.994	477	495	497	rBV	5590915	31879346	17.15%	3.244%
6	8.212	507	514	515	rBV3	2311041	8424129	4.53%	0.857%
7	8.246	515	517	518	rVV	2280935	3065559	1.65%	0.312%
8	8.280	518	520	531	rVB3	2621387	7605963	4.09%	0.774%
9	8.897	567	574	576	rBV	5378886	6748458	3.63%	0.687%
10	9.275	603	607	608	rBV	2021598	3400518	1.83%	0.346%
11	9.377	611	616	617	rBV	6156058	8277144	4.45%	0.842%
12	9.446	620	622	626	rVB2	8506353	13525908	7.28%	1.377%
13	9.503	626	627	630	rBV	2245115	3017198	1.62%	0.307%
14	9.606	632	636	637	rBV	2724616	4808018	2.59%	0.489%
15	9.629	637	638	641	rVB	5705198	6291507	3.38%	0.640%
16	9.858	654	658	662	rBV	10912426	31494977	16.94%	3.205%
17	9.972	665	668	670	rBV3	3579811	7331954	3.94%	0.746%
18	10.029	672	673	676	rVB2	5720336	8425478	4.53%	0.857%
19	10.086	676	678	679	rVB	3519707	3486202	1.88%	0.355%
20	10.132	679	682	683	rBV	4110944	5175981	2.78%	0.527%
21	10.166	683	685	687	rVB	7645540	7934399	4.27%	0.807%
22	10.258	691	693	695	rBV	1436913	2090824	1.12%	0.213%
23	10.372	695	703	705	rBV3	11302451	41826890	22.50%	4.257%
24	10.486	708	713	717	rBV2	3515840	7099788	3.82%	0.723%
25	10.543	717	718	720	rVB	1800645	2098765	1.13%	0.214%
26	10.635	720	726	727	rBV	2874260	4307764	2.32%	0.438%
27	10.669	727	729	732	rVB	5960221	6973282	3.75%	0.710%
28	10.875	742	747	750	rVB2	10897781	33672839	18.11%	3.427%
29	10.978	750	756	758	rBV3	2764734	9742526	5.24%	0.992%
30	11.081	760	765	770	rBV2	10215513	46260200	24.88%	4.708%
31	11.263	777	781	783	rVB	5214998	10167599	5.47%	1.035%
32	11.332	783	787	790	rBV	10373388	29583340	15.91%	3.011%
33	11.663	811	816	821	rBV5	1170995	3453008	1.86%	0.351%
34	11.755	821	824	826	rBV	2282969	2833829	1.52%	0.288%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : EFF-WW

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 >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.823	826	830	834	rBV	2609897	3625552	1.95%	0.369%
36	11.995	840	845	848	rVB	9282854	12031076	6.47%	1.224%
37	12.098	848	854	859	rBV3	4923941	17081614	9.19%	1.738%
38	12.258	864	868	869	rBV	2359037	3608982	1.94%	0.367%
39	12.326	869	874	876	rBV	8694378	19743903	10.62%	2.009%
40	12.395	876	880	884	rVV6	1573833	4360297	2.35%	0.444%
41	12.532	889	892	896	rBV2	5528335	17472710	9.40%	1.778%
42	12.601	896	898	900	rBV3	1762212	4068596	2.19%	0.414%
43	12.726	907	909	910	rBV	3376922	6048275	3.25%	0.616%
44	12.761	910	912	915	rVV3	4724305	12383223	6.66%	1.260%
45	12.852	918	920	924	rVV3	4654924	11318896	6.09%	1.152%
46	12.944	926	928	932	rVV4	4040452	8792457	4.73%	0.895%
47	13.001	932	933	934	rVV	3151128	2908933	1.56%	0.296%
48	13.035	934	936	940	rVB	6003086	14265650	7.67%	1.452%
49	13.115	940	943	945	rBV2	6446839	11774840	6.33%	1.198%
50	13.149	945	946	948	rBV2	3534166	5688879	3.06%	0.579%
51	13.275	955	957	961	rBV4	7492612	12966218	6.97%	1.320%
52	13.378	964	966	969	rVB	7603861	9929192	5.34%	1.011%
53	13.458	969	973	977	rVB2	10145288	20303005	10.92%	2.066%
54	13.549	977	981	983	rBV2	4730769	7178716	3.86%	0.731%
55	13.618	983	987	990	rBV2	8883553	21216765	11.41%	2.159%
56	13.686	990	993	994	rBV	8883731	16733459	9.00%	1.703%
57	13.721	994	996	1000	rVB2	9473493	14385873	7.74%	1.464%
58	13.778	1000	1001	1002	rBV	2263483	2585591	1.39%	0.263%
59	13.824	1002	1005	1007	rVB	10831760	14464263	7.78%	1.472%
60	13.904	1009	1012	1014	rVB	2090774	2828073	1.52%	0.288%
61	14.041	1021	1024	1029	rBV	10500209	28076587	15.10%	2.857%
62	14.167	1032	1035	1036	rBV	10497384	13805692	7.43%	1.405%
63	14.201	1036	1038	1040	rVB	1989776	1995956	1.07%	0.203%
64	14.269	1042	1044	1046	rVB	1395619	1982075	1.07%	0.202%
65	14.349	1049	1051	1054	rVB2	4834255	5298338	2.85%	0.539%
66	14.464	1058	1061	1069	rBV3	1755094	6691691	3.60%	0.681%
67	14.589	1070	1072	1074	rBV2	2211369	3866119	2.08%	0.393%
68	14.669	1076	1079	1084	rVB	9574486	26934226	14.49%	2.741%
69	15.298	1132	1134	1136	rBV	1916317	2994704	1.61%	0.305%
70	15.367	1136	1140	1151	rVB	10206522	47189691	25.38%	4.803%
71	17.344	1306	1313	1319	rBV5	499273	2722768	1.46%	0.277%

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Instrument : BNA_F
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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
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72	18.030	1369	1373	1391	rVB4	287791	1980485	1.07%	0.202%

Sum of corrected areas: 982593051

LSC Report - Integrated Chromatogram

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Misc :
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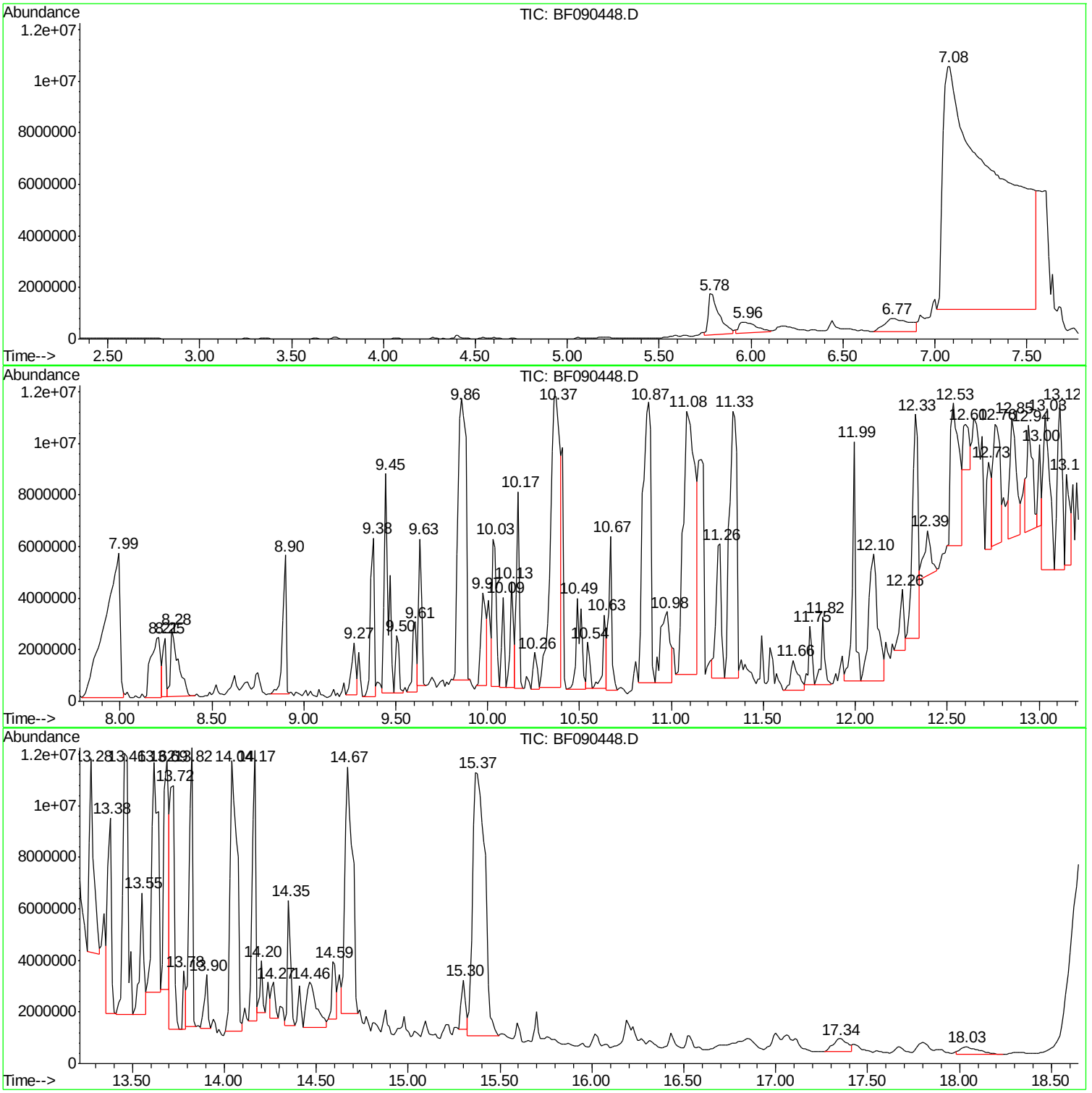
Instrument : BNA_F
ClientSampleId : EFF-WW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
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Operator : UM/SJ
Sample : H5129-02
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Instrument : BNA_F
ClientSampleId : EFF-WW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

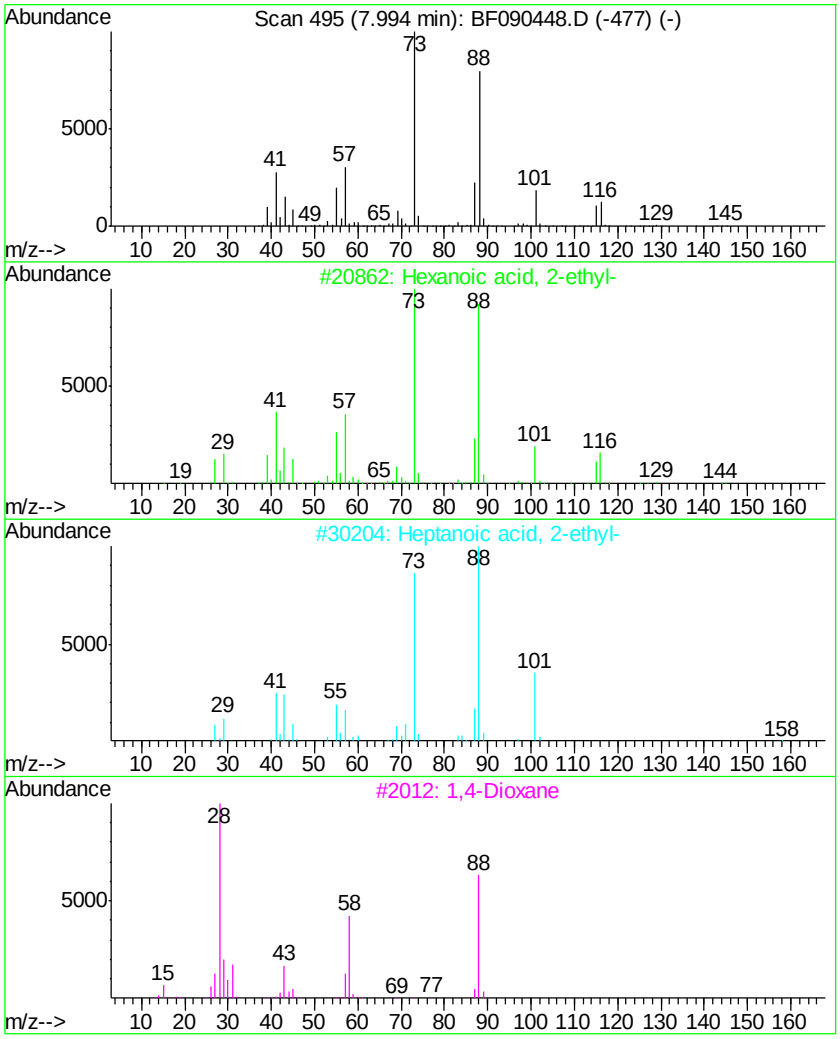
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

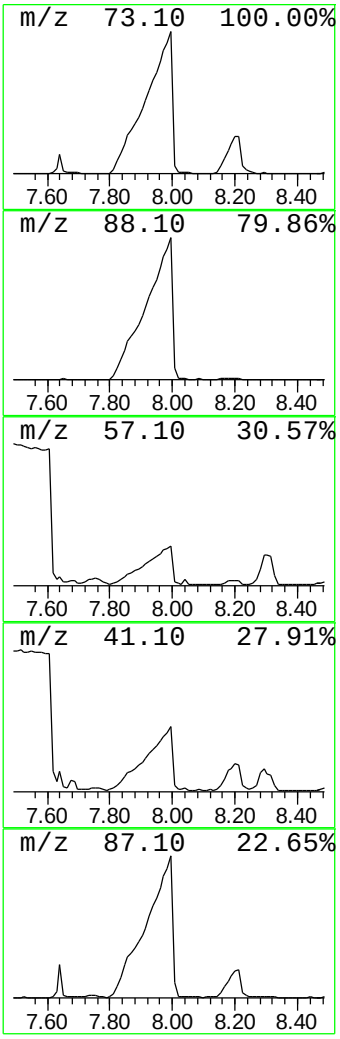
****

Peak Number 1 Hexanoic acid, 2-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	83.83 ng	31879300	Naphthalene-d8	8.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	64
3	1,4-Dioxane	88	C4H8O2	000123-91-1	43
4	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	38
5	L(-)-Fucose, tetramethyl ether	220	C10H20O5	1000332-75-0	33





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
Data File : BF090448.D
Acq On : 7 Oct 2016 16:20
Operator : UM/SJ
Sample : H5129-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
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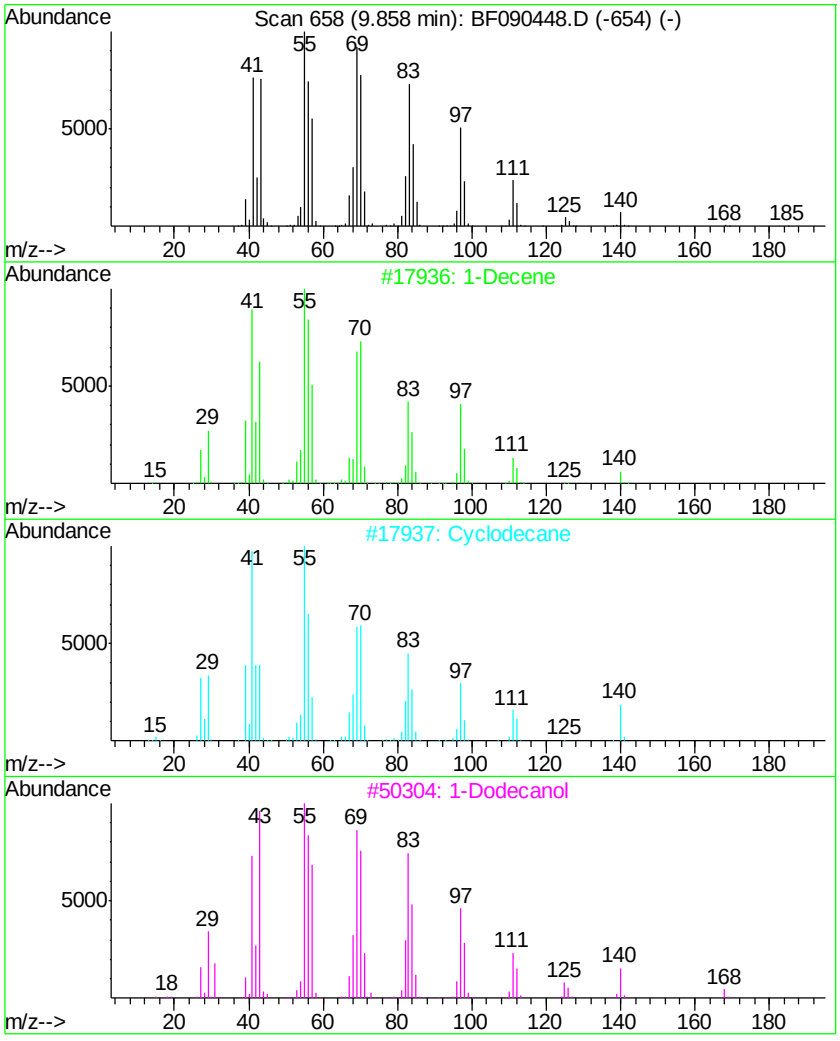
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

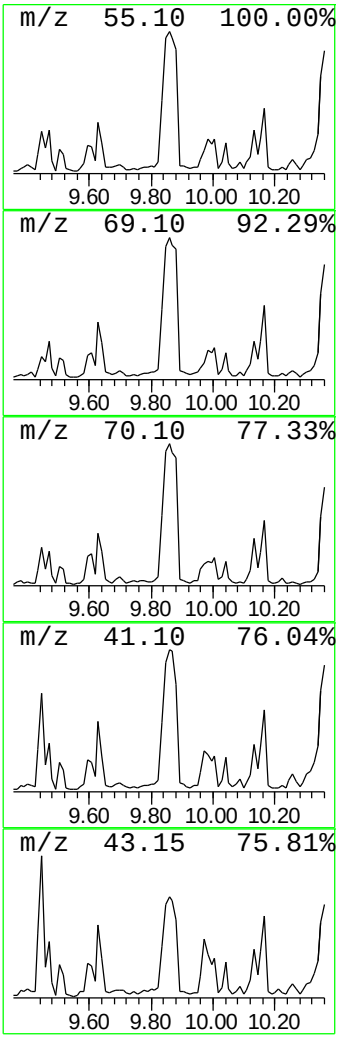
****

Peak Number 2 1-Decene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	74.76 ng	31495000	Acenaphthene-d10	10.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decene	140	C10H20	000872-05-9	96
2	Cyclodecane	140	C10H20	000293-96-9	95
3	1-Dodecanol	186	C12H26O	000112-53-8	91
4	n-Tridecan-1-ol	200	C13H28O	000112-70-9	91
5	Cyclododecane	168	C12H24	000294-62-2	91





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Data File : BF090448.D
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Operator : UM/SJ
Sample : H5129-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

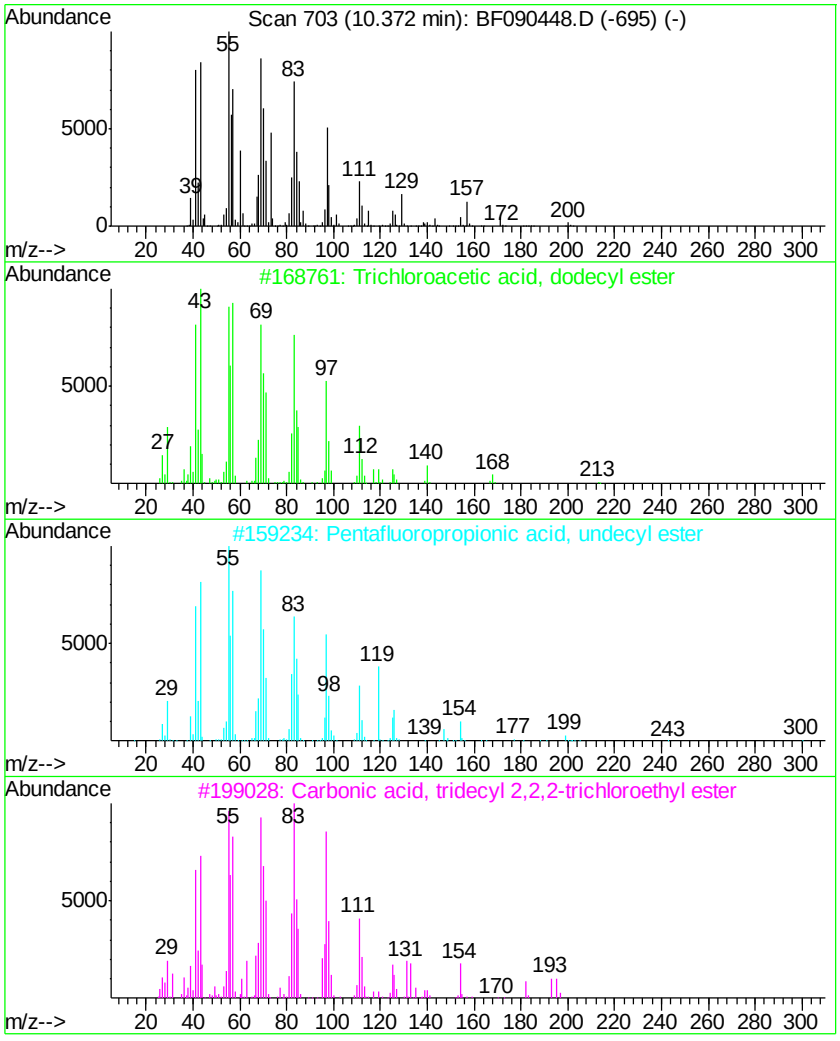
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

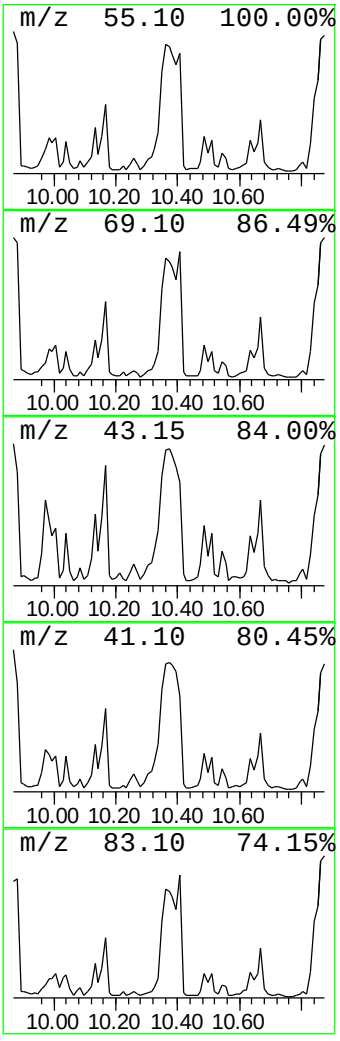
****

Peak Number 3 Trichloroacetic acid, dodec... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	99.29 ng	41826900	Acenaphthene-d10	10.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, dodecyl ester	330	C14H25Cl3O2	074339-50-7	90
2	Pentafluoropropionic acid, undec...	318	C14H23F5O2	959014-11-0	87
3	Carbonic acid, tridecyl 2,2,2-tr...	374	C16H29Cl3O3	1000314-55-9	87
4	n-Tridecan-1-ol	200	C13H28O	000112-70-9	87
5	Cyclododecane	168	C12H24	000294-62-2	87





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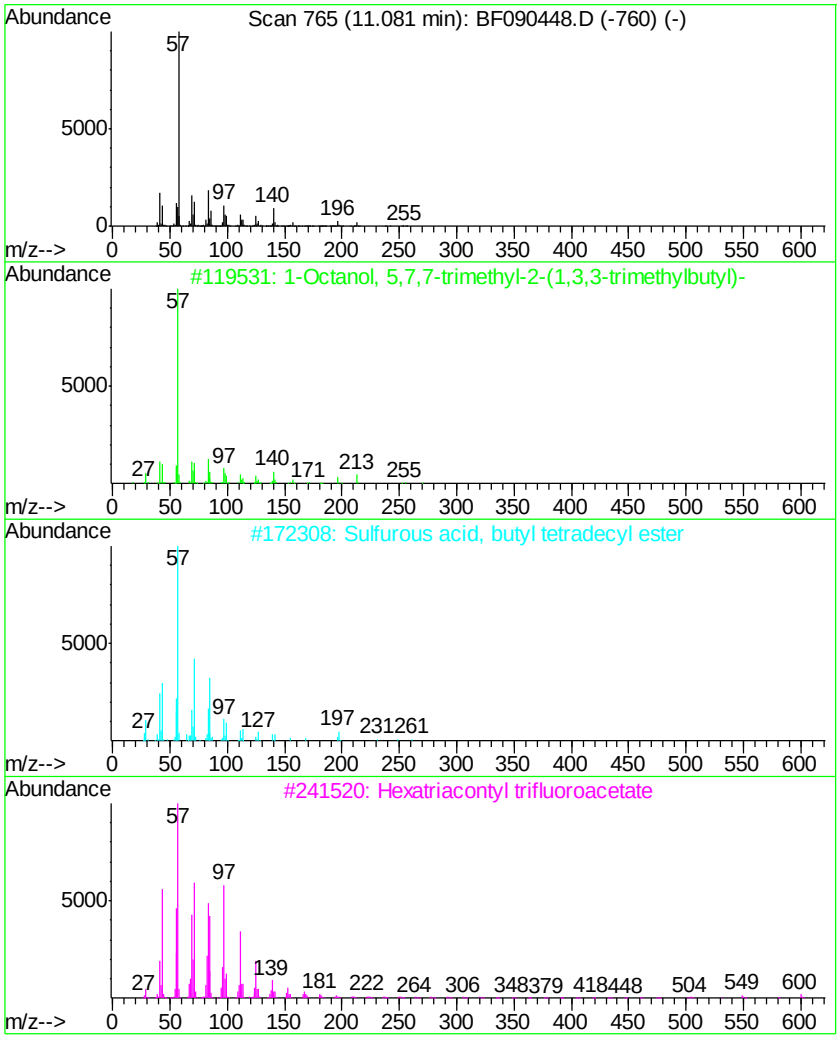
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

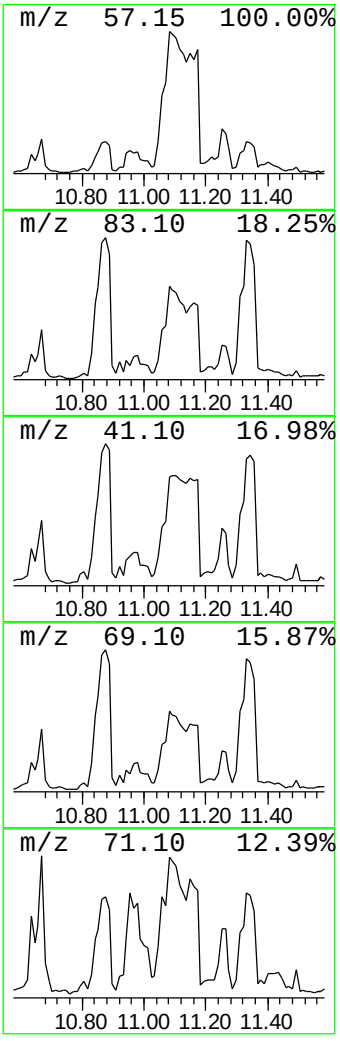
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Octanol, 5,7,7-trimethyl-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	267.94 ng	46260200	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	86
2	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	50
3	Hexatriacontyl trifluoroacetate	619	C38H73F3O2	1000351-88-6	47
4	17-Pentatriacontene	491	C35H70	006971-40-0	47
5	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	47





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TIC Library : C:\DATABASE\NIST11.L
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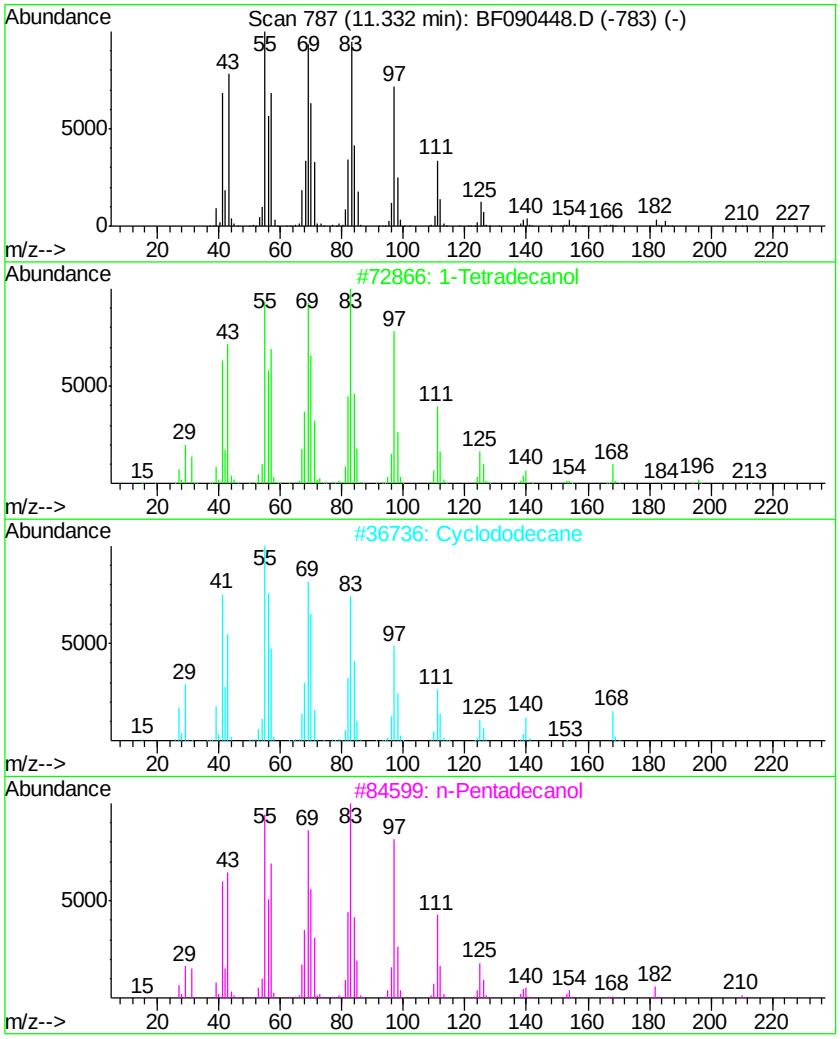
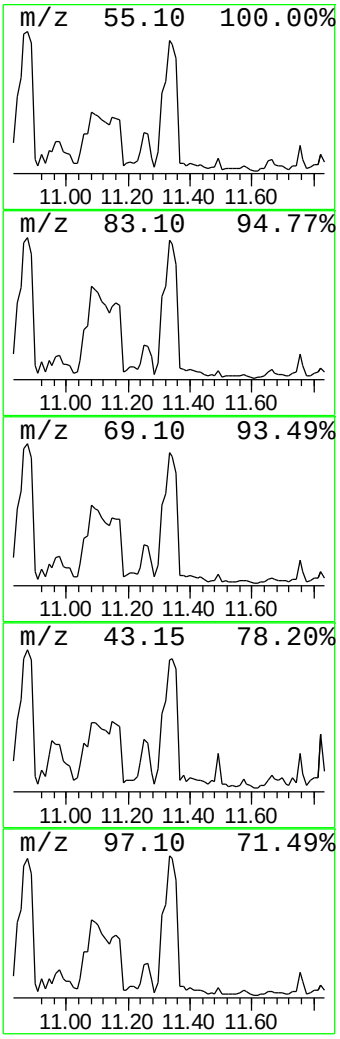
****

Peak Number 5 1-Tetradecanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	171.35 ng	29583300	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetradecanol	214	C14H30O	000112-72-1	94
2	Cyclododecane	168	C12H24	000294-62-2	94
3	n-Pentadecanol	228	C15H32O	000629-76-5	94
4	3-Chloropropionic acid, tridecyl...	290	C16H31ClO2	1000281-77-4	91
5	1-Hexadecanol	242	C16H34O	036653-82-4	91





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Sample : H5129-02
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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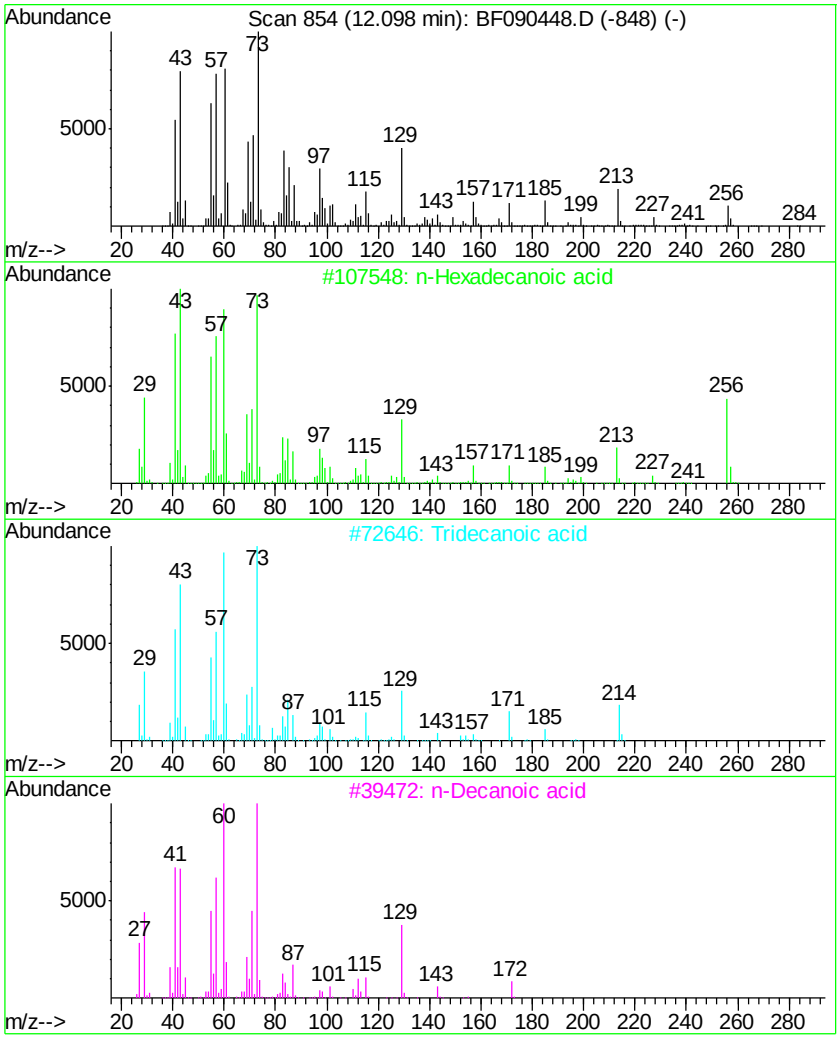
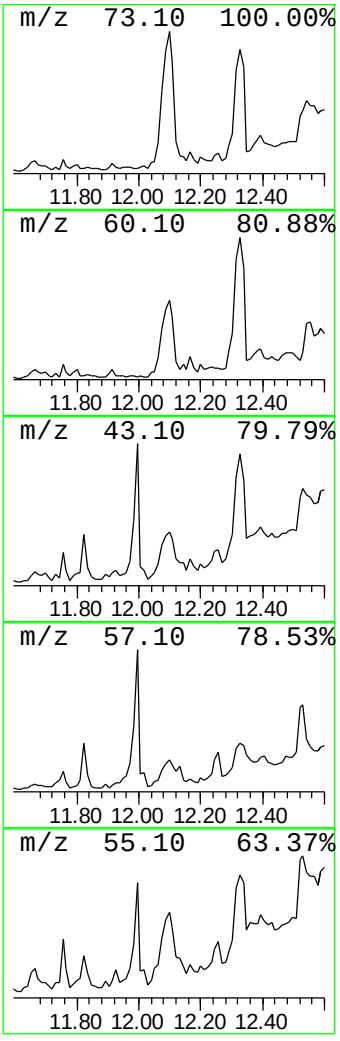
Peak Number 6 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	98.94 ng	17081600	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	76
3	n-Decanoic acid	172	C10H20O2	000334-48-5	70
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5	Ether, dodecyl isopropyl	228	C15H32O	029379-42-8	38





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Data File : BF090448.D
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Operator : UM/SJ
Sample : H5129-02
Misc :
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
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TIC Library : C:\DATABASE\NIST11.L
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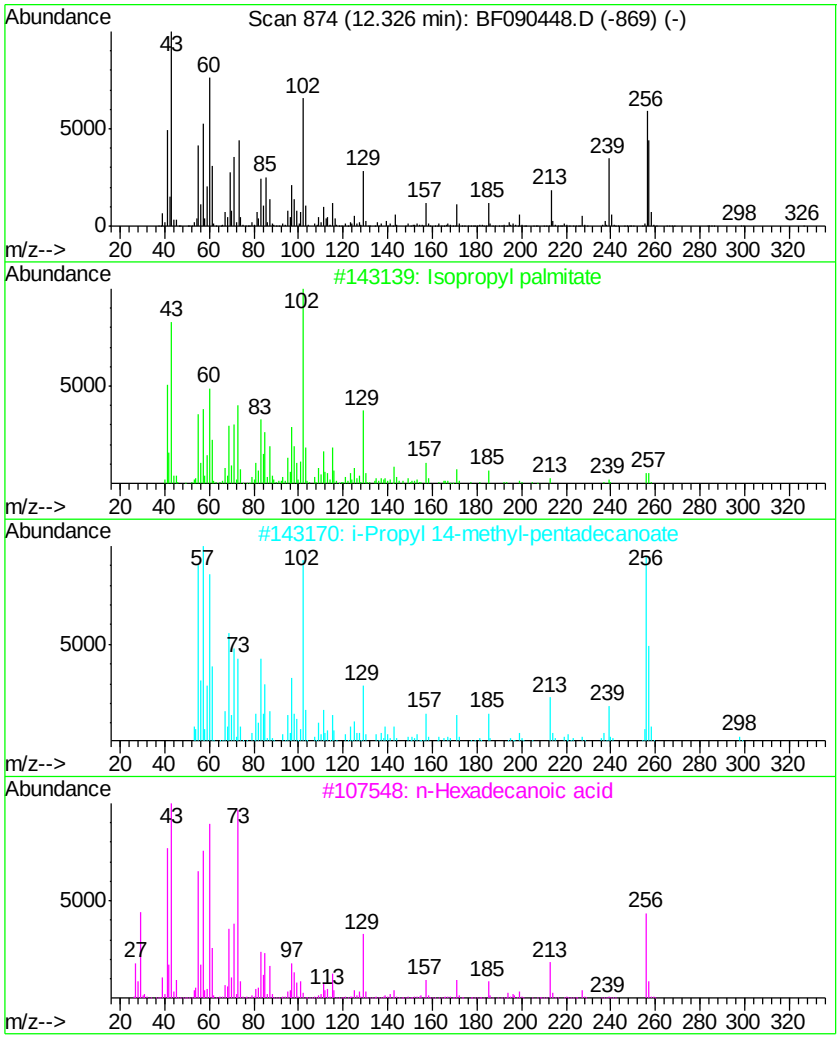
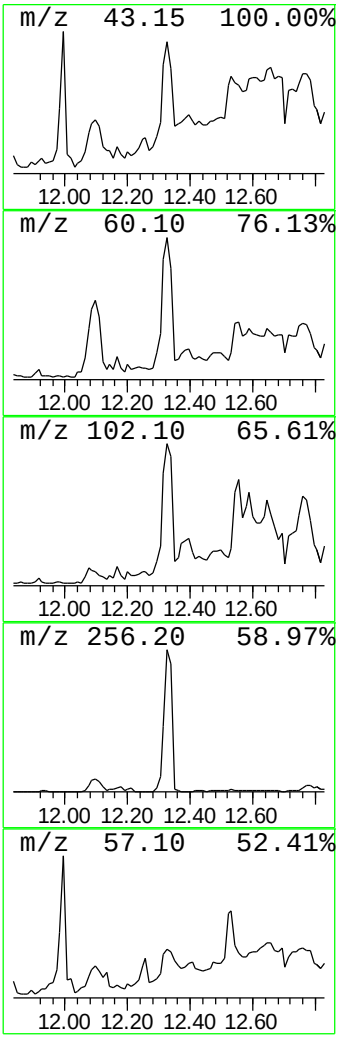
Peak Number 7 Isopropyl palmitate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	114.36 ng	19743900	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl palmitate	298	C19H38O2	000142-91-6	87
2	i-Propyl 14-methyl-pentadecanoate	298	C19H38O2	1000336-62-4	50
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	49
4	Isopropyl myristate	270	C17H34O2	000110-27-0	38
5	Estra-1,3,5(10)-trien-17.beta.-ol	256	C18H24O	002529-64-8	18





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Acq On : 7 Oct 2016 16:20
Operator : UM/SJ
Sample : H5129-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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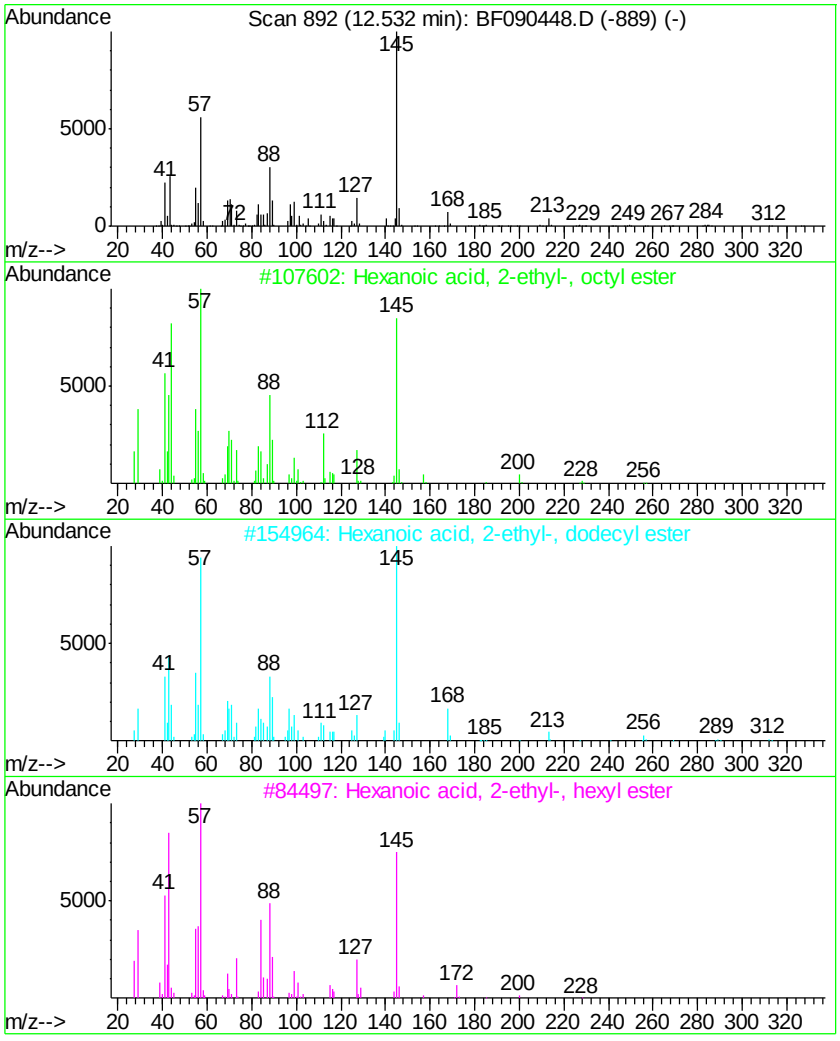
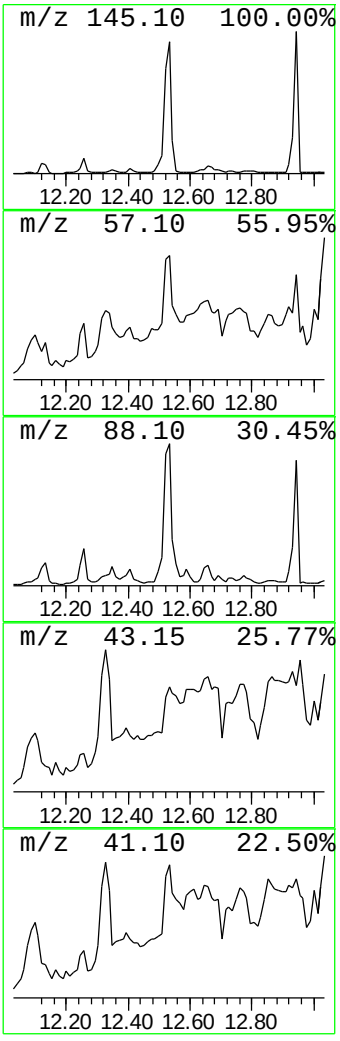
Peak Number 8 Hexanoic acid, 2-ethyl-, oc... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	101.20 ng	17472700	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-, octyl e...	256	C16H32O2	093777-45-8	72
2	Hexanoic acid, 2-ethyl-, dodecyl...	312	C20H40O2	056078-38-7	52
3	Hexanoic acid, 2-ethyl-, hexyl e...	228	C14H28O2	020748-87-2	49
4	Hexanoic acid, 2-ethyl-, tetrade...	340	C22H44O2	072201-45-7	46
5	Hexanoic acid, 2-ethyl-, heptyl ...	242	C15H30O2	112445-68-8	46





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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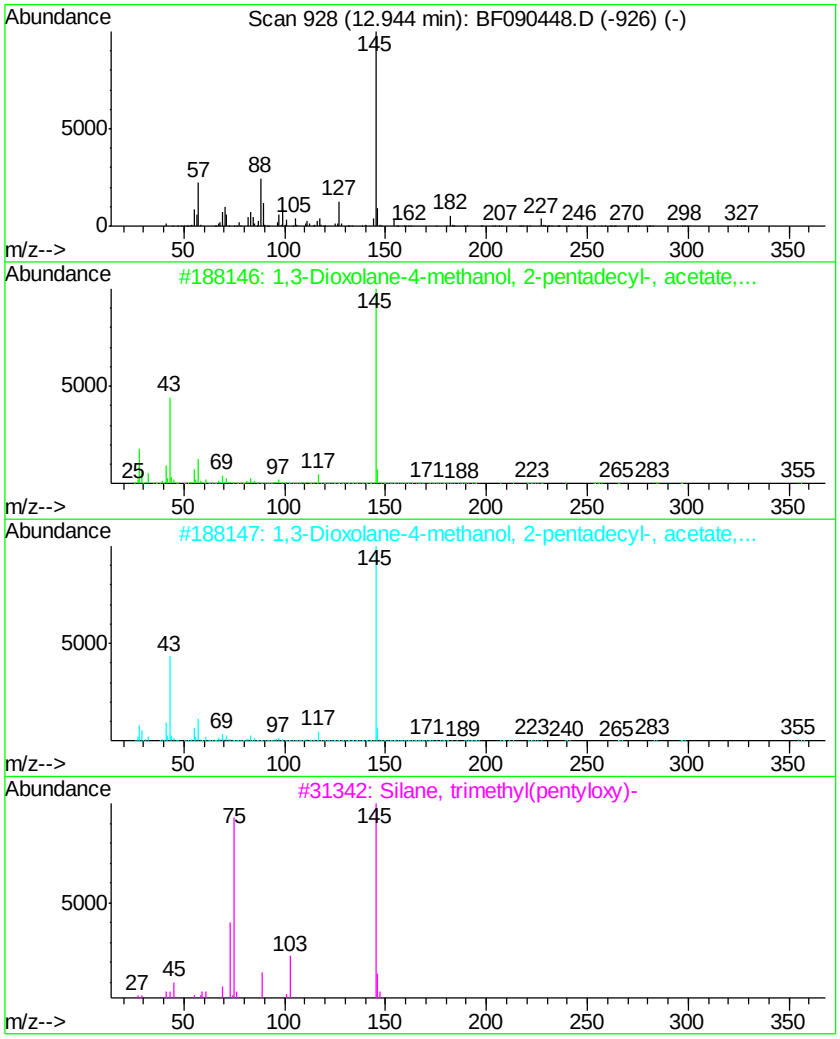
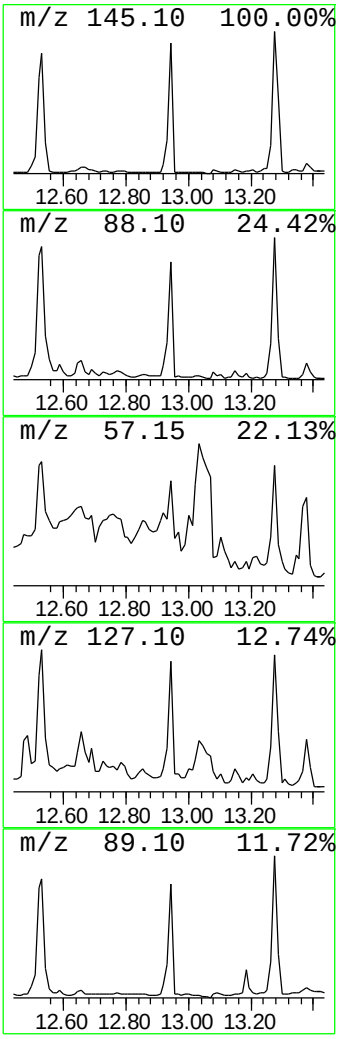
Peak Number 9 unknown12.94 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	88.10 ng	8792460	Chrysene-d12	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane-4-methanol, 2-pent...	356	C21H40O4	030889-29-3	47
2	1,3-Dioxolane-4-methanol, 2-pent...	356	C21H40O4	030889-32-8	47
3	Silane, trimethyl(pentyloxy)-	160	C8H20OSi	014629-45-9	40
4	Hexanoic acid, 2-ethyl-, hexadec...	368	C24H48O2	059130-69-7	38
5	Methyl 4-methoxy-4,8,12-trimethy...	300	C18H36O3	1000140-87-8	37





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Instrument : BNA_F
ClientSampleId : EFF-WW

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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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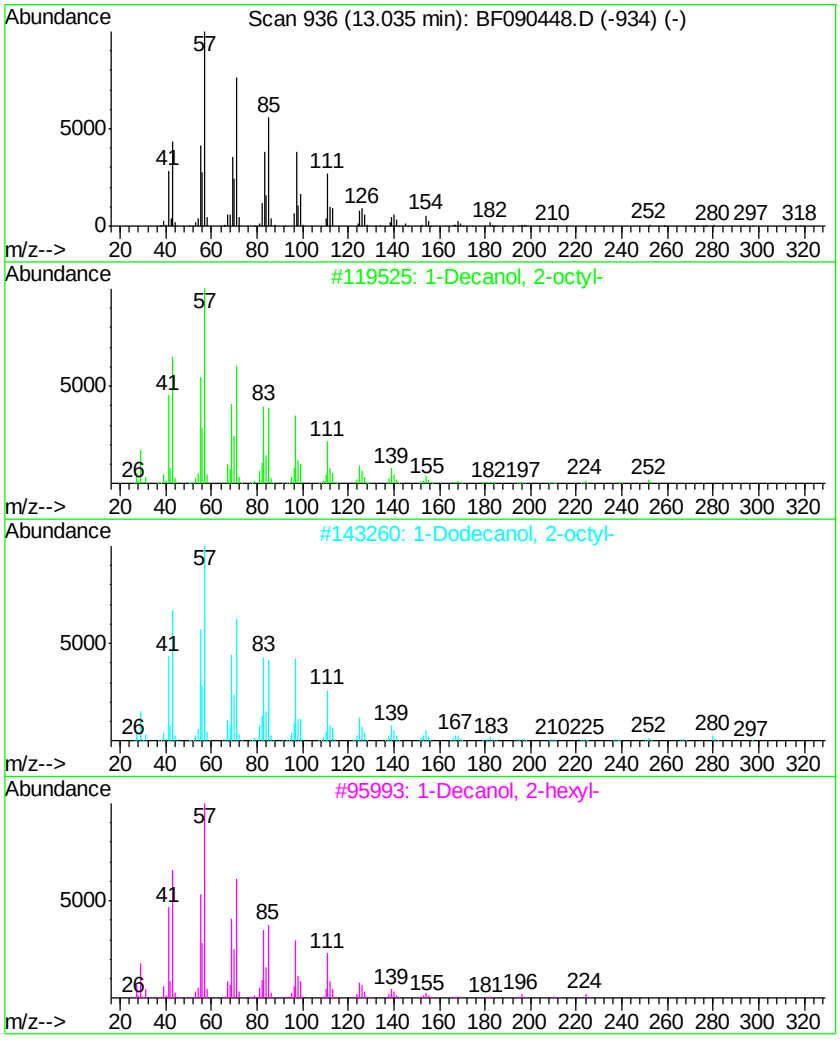
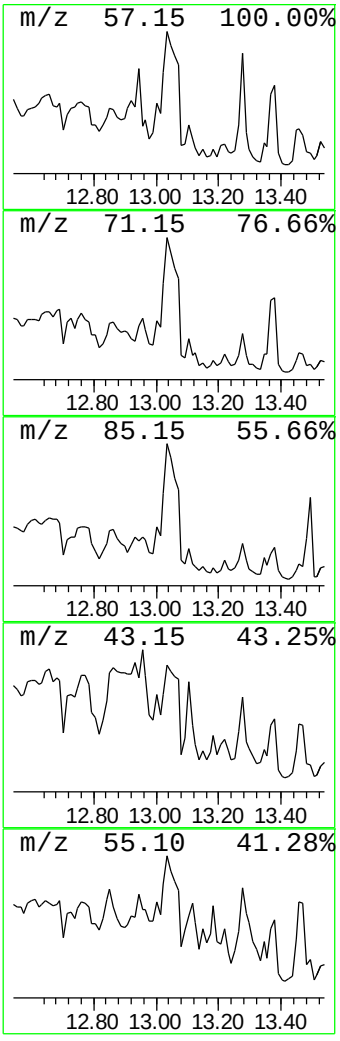
Peak Number 10 1-Decanol, 2-octyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	142.95 ng	14265700	Chrysene-d12	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	87
2	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	86
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	83
4	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	76
5	2-Octyldodecyl butyrate	368	C24H48O2	1000368-55-2	72





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Instrument : BNA_F
ClientSampleId : EFF-WW

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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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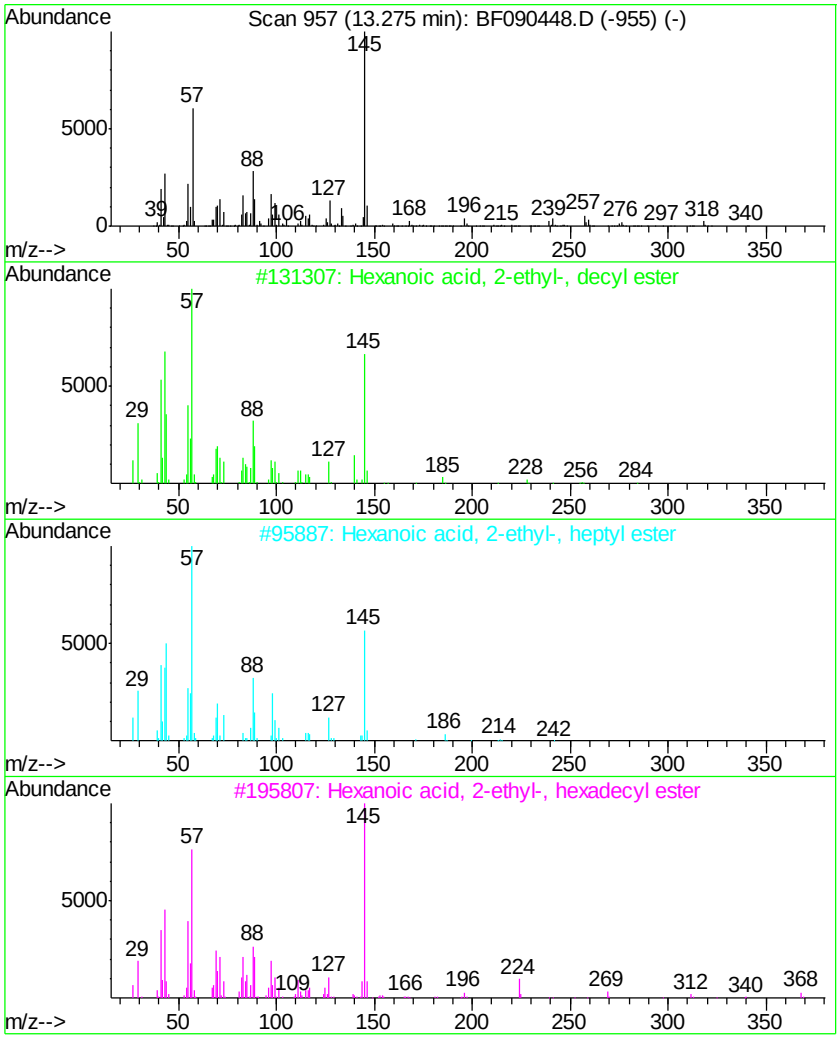
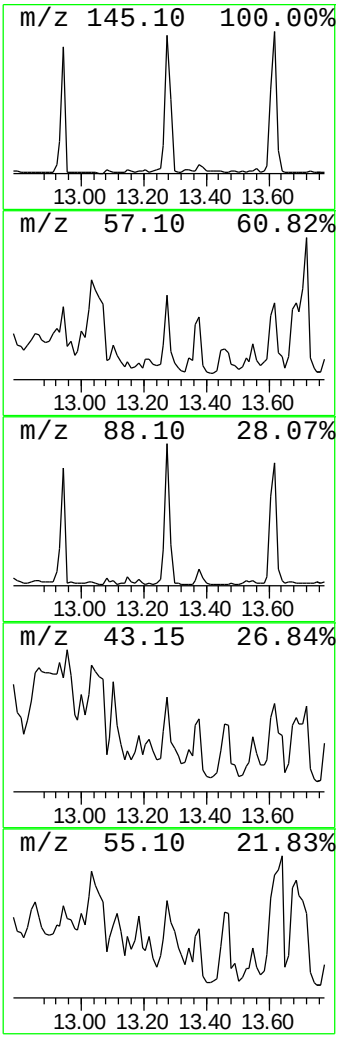
Peak Number 11 Hexanoic acid, 2-ethyl-, de... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	129.93 ng	12966200	Chrysene-d12	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-, decyl e...	284	C18H36O2	093777-46-9	93
2	Hexanoic acid, 2-ethyl-, heptyl ...	242	C15H30O2	112445-68-8	64
3	Hexanoic acid, 2-ethyl-, hexadec...	368	C24H48O2	059130-69-7	60
4	Hexanoic acid, 2-ethyl-, dodecyl...	312	C20H40O2	056078-38-7	52
5	3-Methylthio-4-methyl-1,2,4-tria...	145	C4H7N3OS	053065-38-6	50





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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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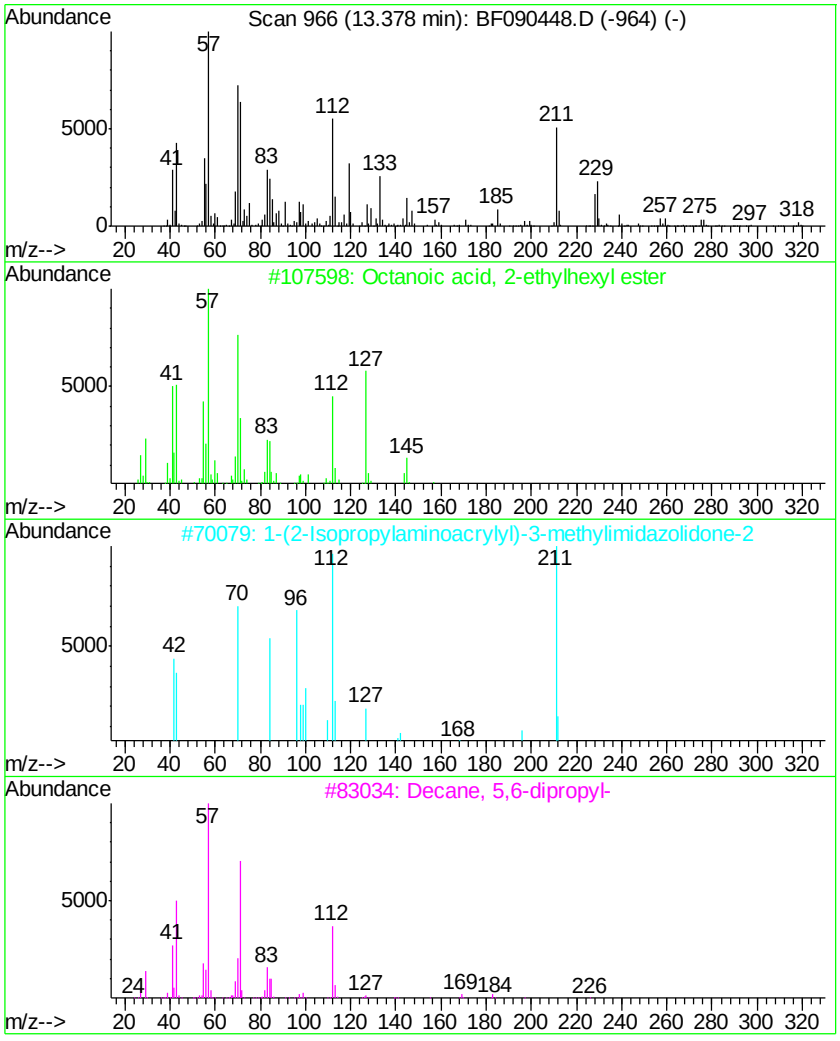
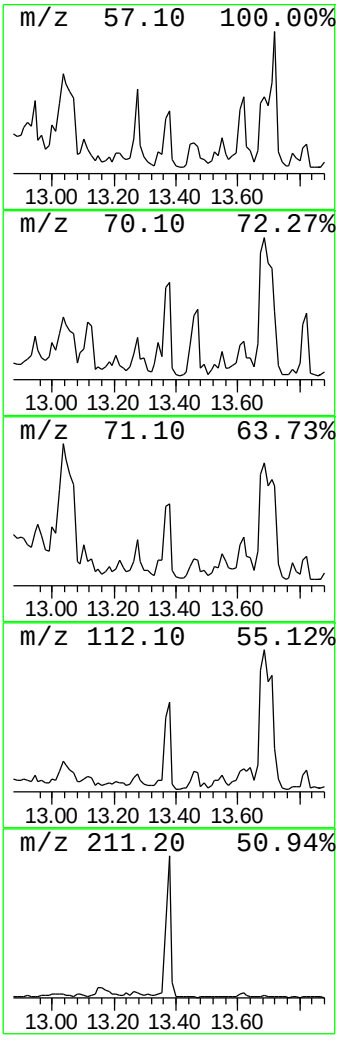
Peak Number 12 unknown13.38 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	99.49 ng	9929190	Chrysene-d12	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid, 2-ethylhexyl ester	256	C16H32O2	063321-70-0	35
2	1-(2-Isopropylaminoacrylyl)-3-me...	211	C10H17N3O2	054931-82-7	27
3	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	27
4	Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000357-82-9	27
5	Oxalic acid, 2-ethylhexyl pentad...	412	C25H48O4	1000309-39-8	14





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Instrument : BNA_F
ClientSampleId : EFF-WW

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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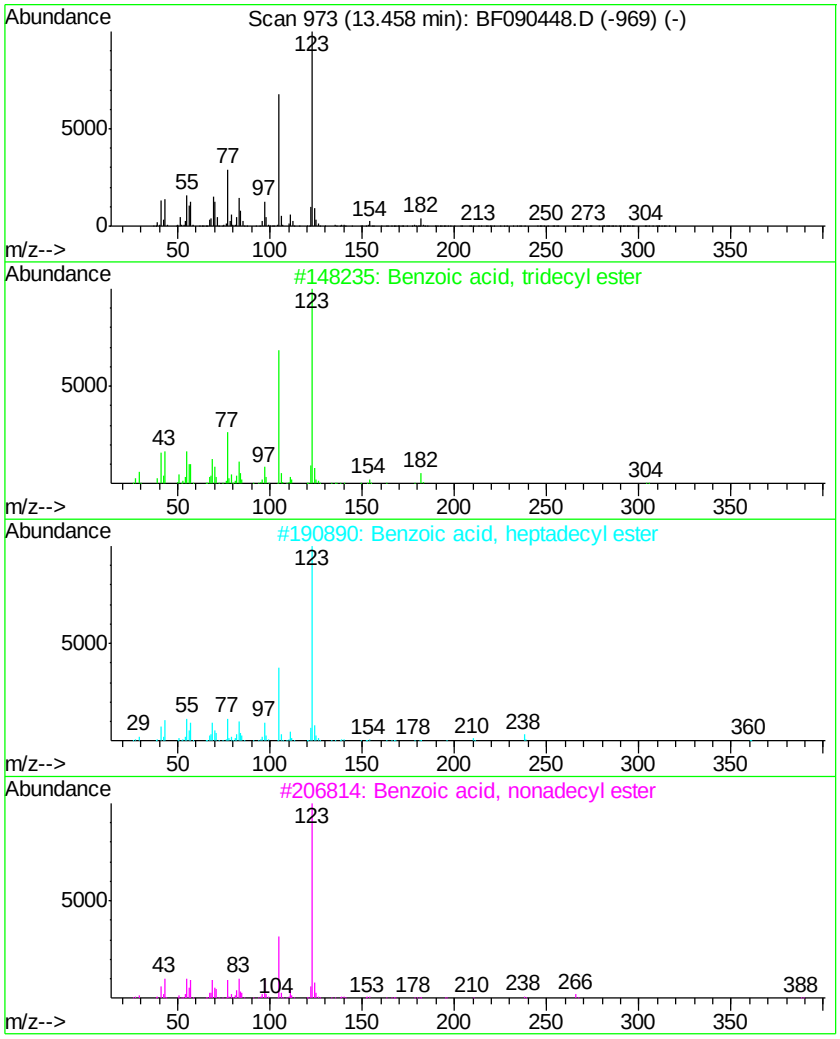
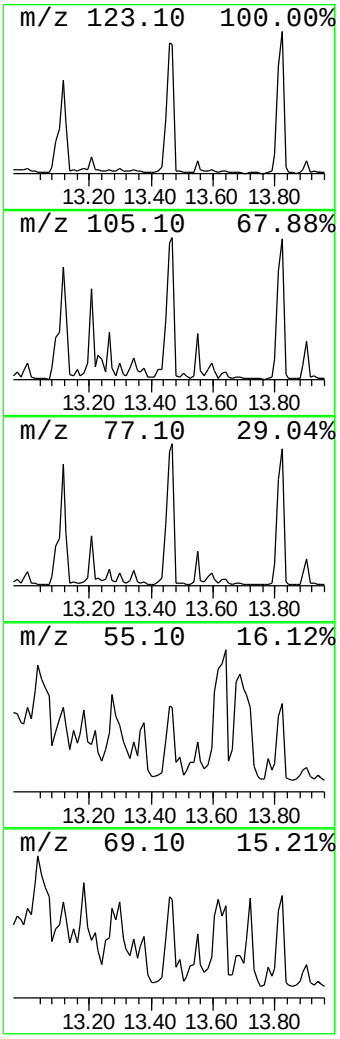
Peak Number 13 Benzoic acid, tridecyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	203.44 ng	20303000	Chrysene-d12	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, tridecyl ester	304	C20H32O2	1000340-22-6	91
2	Benzoic acid, heptadecyl ester	360	C24H40O2	1000340-23-0	91
3	Benzoic acid, nonadecyl ester	388	C26H44O2	1000340-23-2	90
4	Benzoic acid, octadecyl ester	374	C25H42O2	1000340-23-1	87
5	Benzoic acid, eicosyl ester	402	C27H46O2	1000340-23-3	86





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WW

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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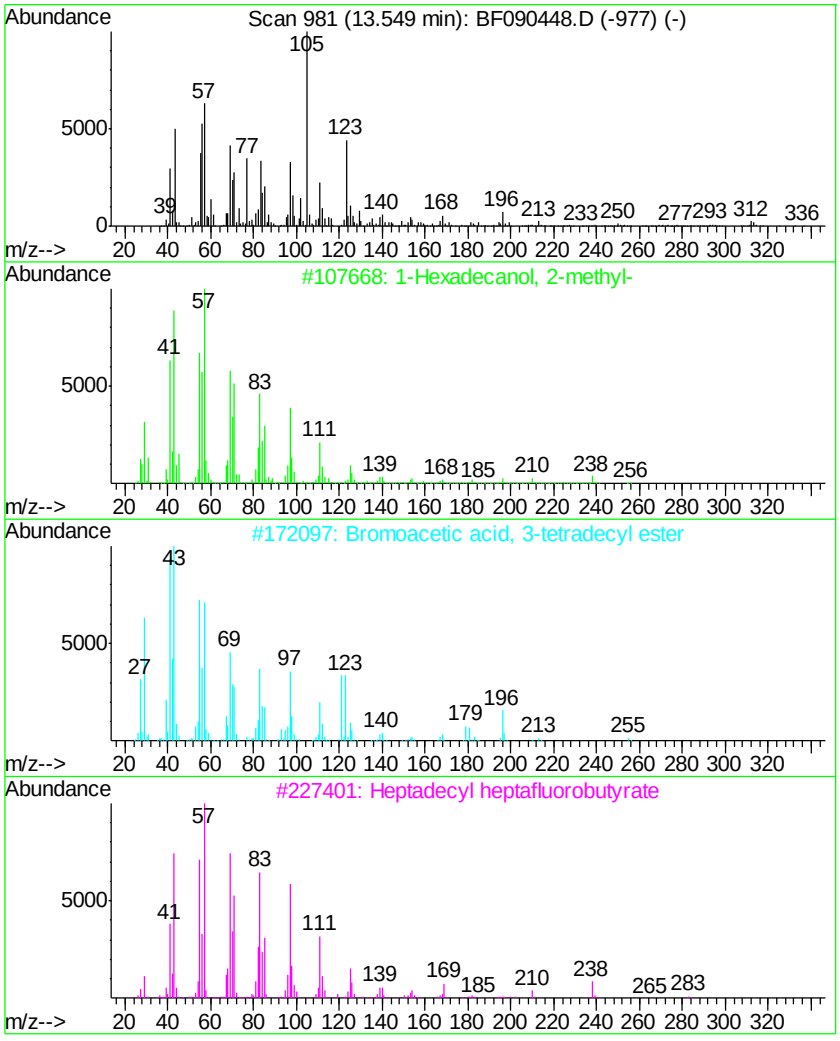
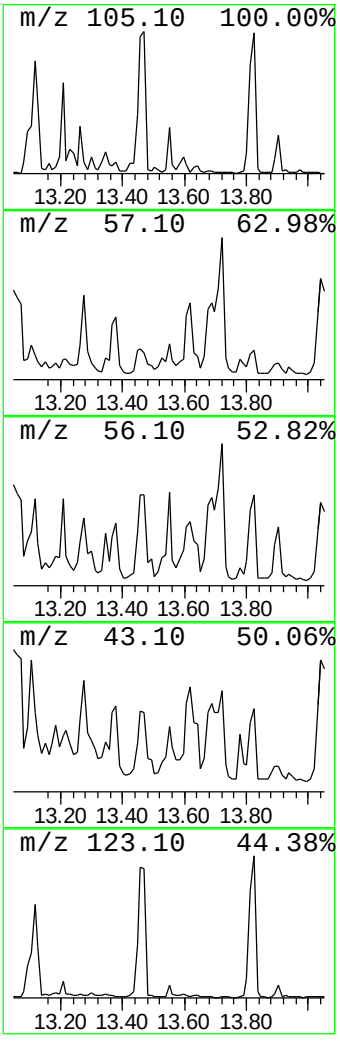
Peak Number 14 1-Hexadecanol, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	71.93 ng	7178720	Chrysene-d12	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	62
2	Bromoacetic acid, 3-tetradecyl e...	334	C16H31BrO2	1000282-00-7	58
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	46
4	2-Hexyldecyl propionate	298	C19H38O2	1072781-99-7	43
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	41





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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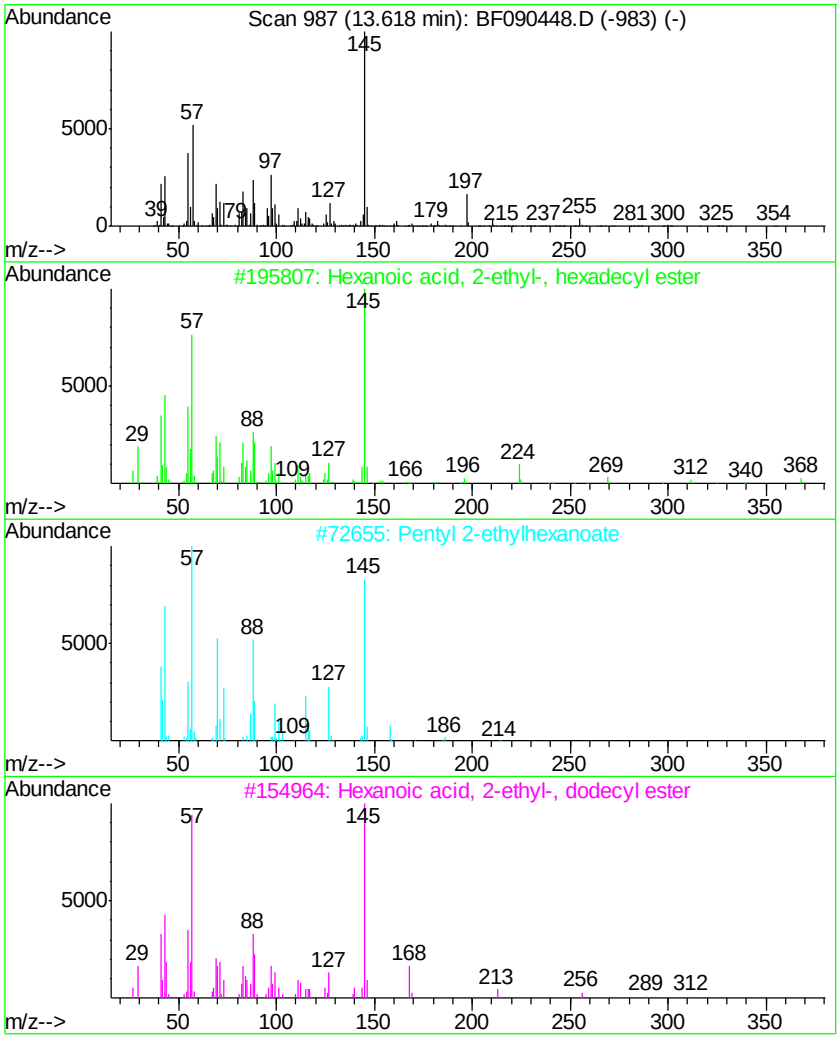
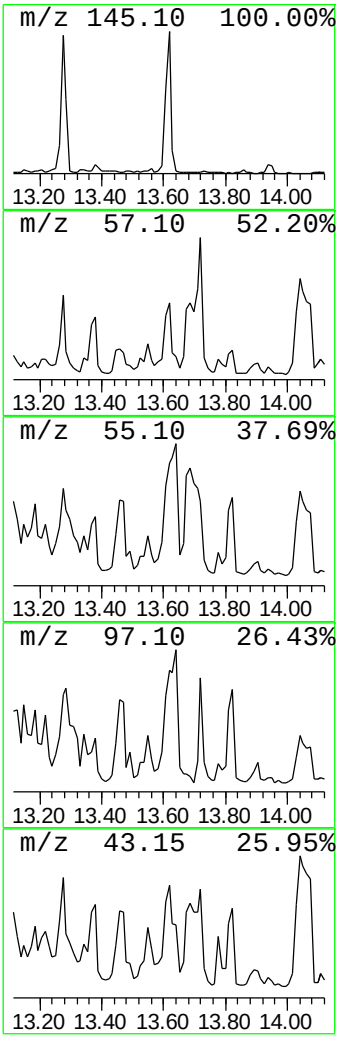
Peak Number 15 unknown13.62 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	212.60 ng	21216800	Chrysene-d12	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-, hexadec...	368	C24H48O2	059130-69-7	49
2	Pentyl 2-ethylhexanoate	214	C13H26O2	029660-71-7	47
3	Hexanoic acid, 2-ethyl-, dodecyl...	312	C20H40O2	056078-38-7	46
4	Hexanoic acid, 2-ethyl-, decyl e...	284	C18H36O2	093777-46-9	38
5	Hexanoic acid, 2-ethyl-, tetrade...	340	C22H44O2	072201-45-7	38





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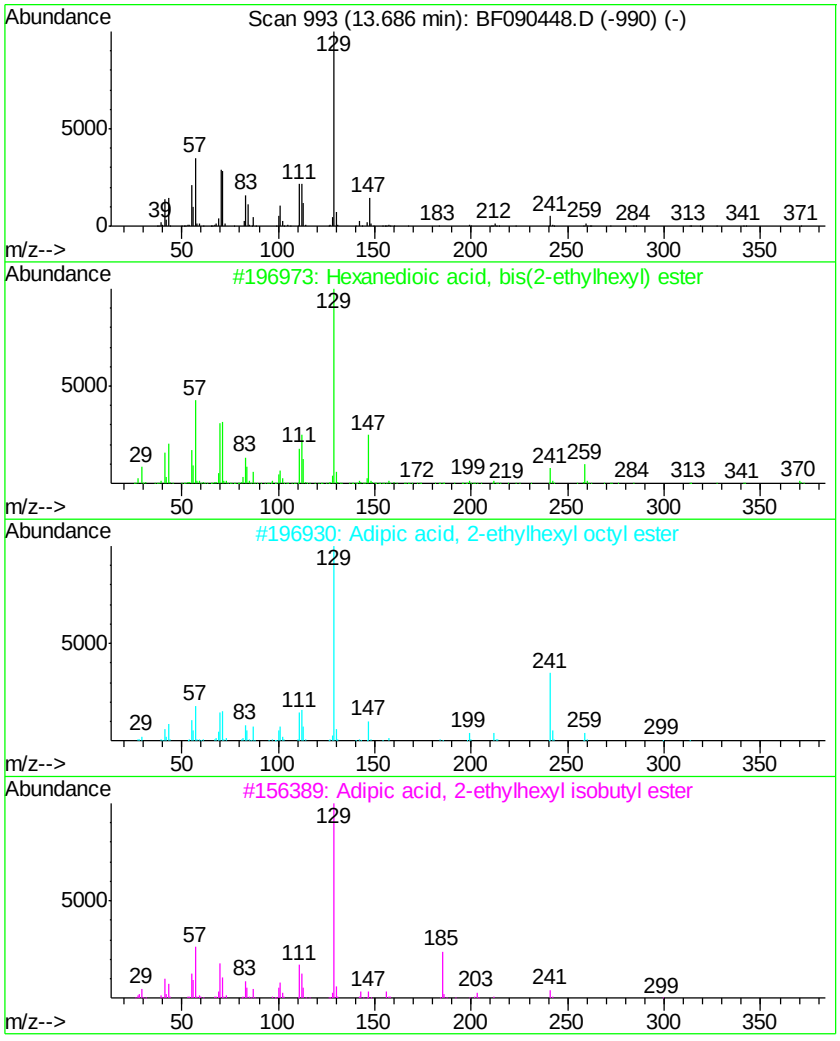
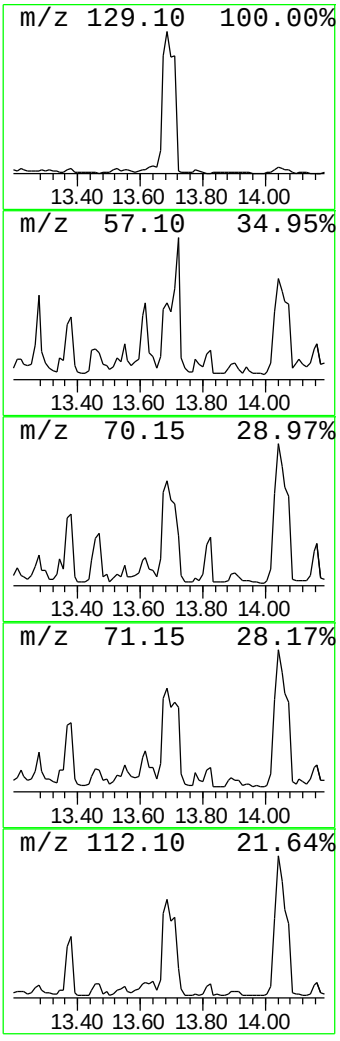
Peak Number 16 Hexanedioic acid, bis(2-eth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	167.67 ng	16733500	Chrysene-d12	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	87
2	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	83
3	Adipic acid, 2-ethylhexyl isobut...	314	C18H34O4	1000324-48-0	59
4	Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	59
5	Adipic acid, 2-ethylhexyl isohex...	342	C20H38O4	1000324-48-3	50





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Instrument : BNA_F
ClientSampleId : EFF-WW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
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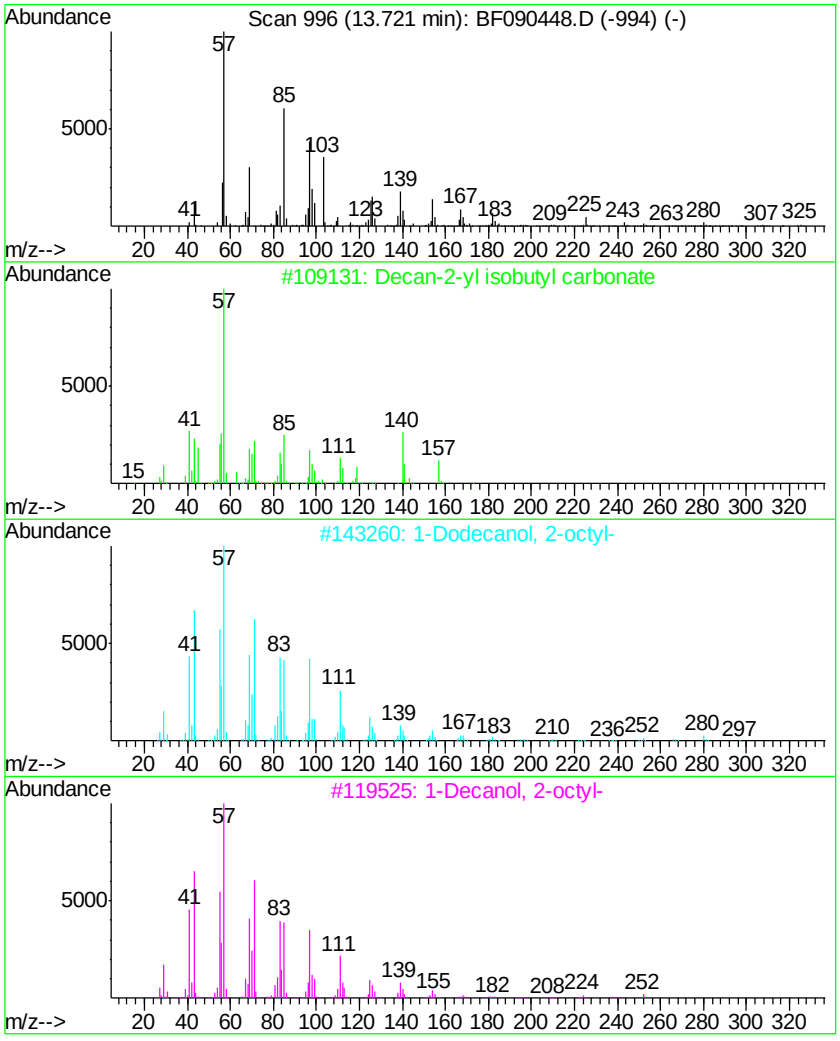
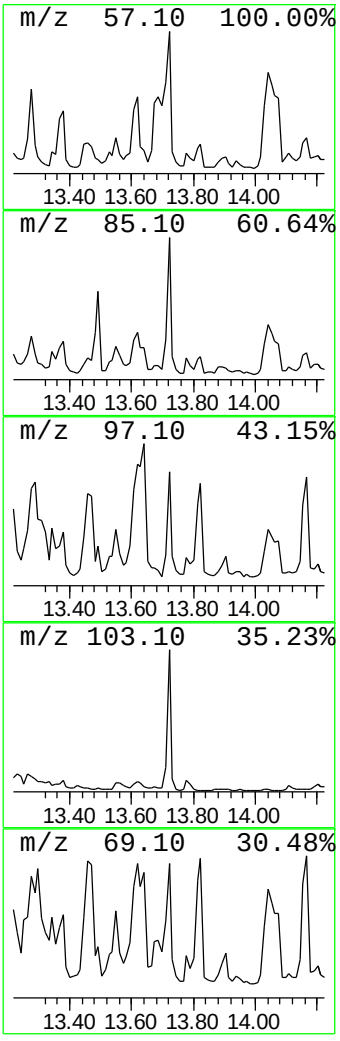
Peak Number 17 Decan-2-yl isobutyl carbonate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	144.15 ng	14385900	Chrysene-d12	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decan-2-yl isobutyl carbonate	258	C15H30O3	1000372-79-5	50
2	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	43
3	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	43
4	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	37
5	Triacontyl trifluoroacetate	534	C32H61F3O2	1000351-75-7	37





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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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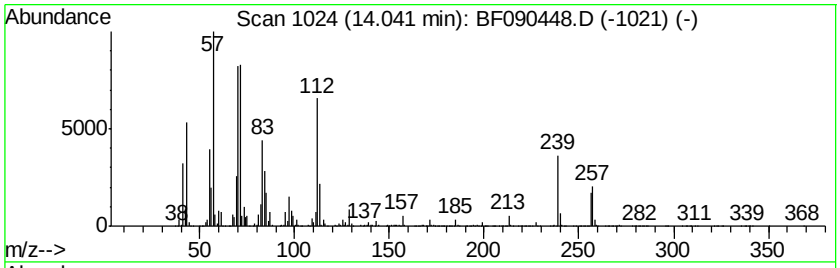
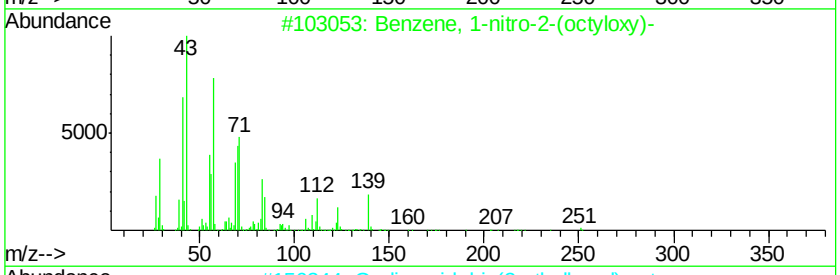
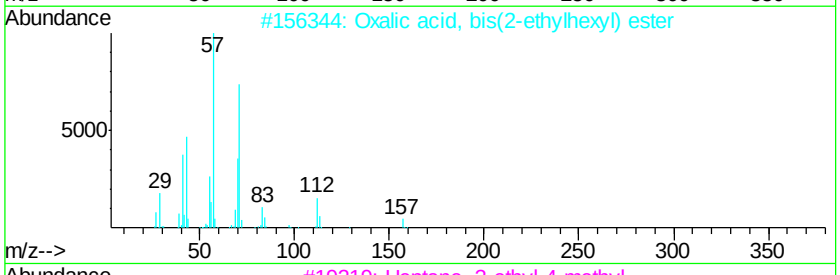
Peak Number 19 Benzene, 1-nitro-2-(octyloxy)- Concentration Rank 1

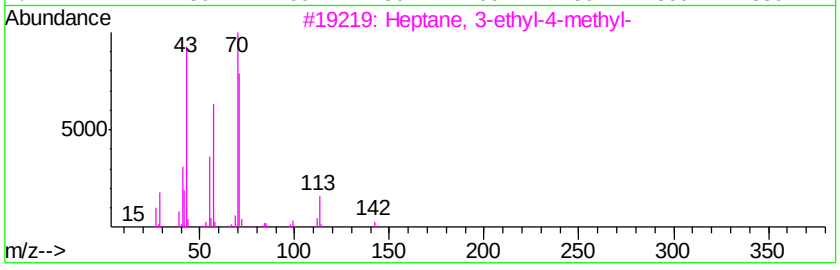
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	281.34 ng	28076600	Chrysene-d12	14.20

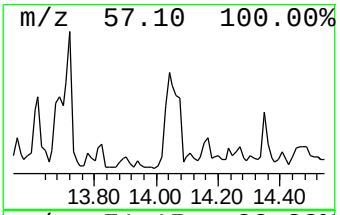
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-nitro-2-(octyloxy)-	251	C14H21NO3	037682-29-4	62
2	Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	43
3	Heptane, 3-ethyl-4-methyl-	142	C10H22	052896-91-0	38
4	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	38
5	Cyclobutanone, 2-(2,6-dimethylhe...	196	C13H24O	065147-64-0	38

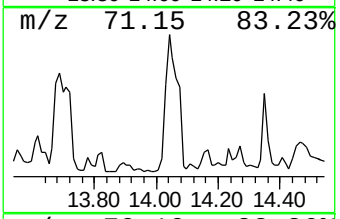


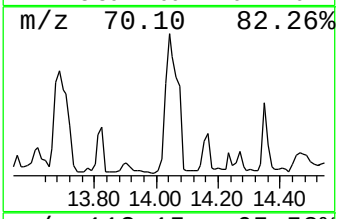


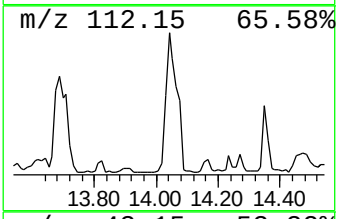


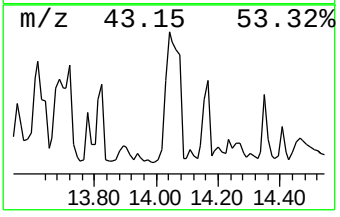












Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
Data File : BF090448.D
Acq On : 7 Oct 2016 16:20
Operator : UM/SJ
Sample : H5129-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

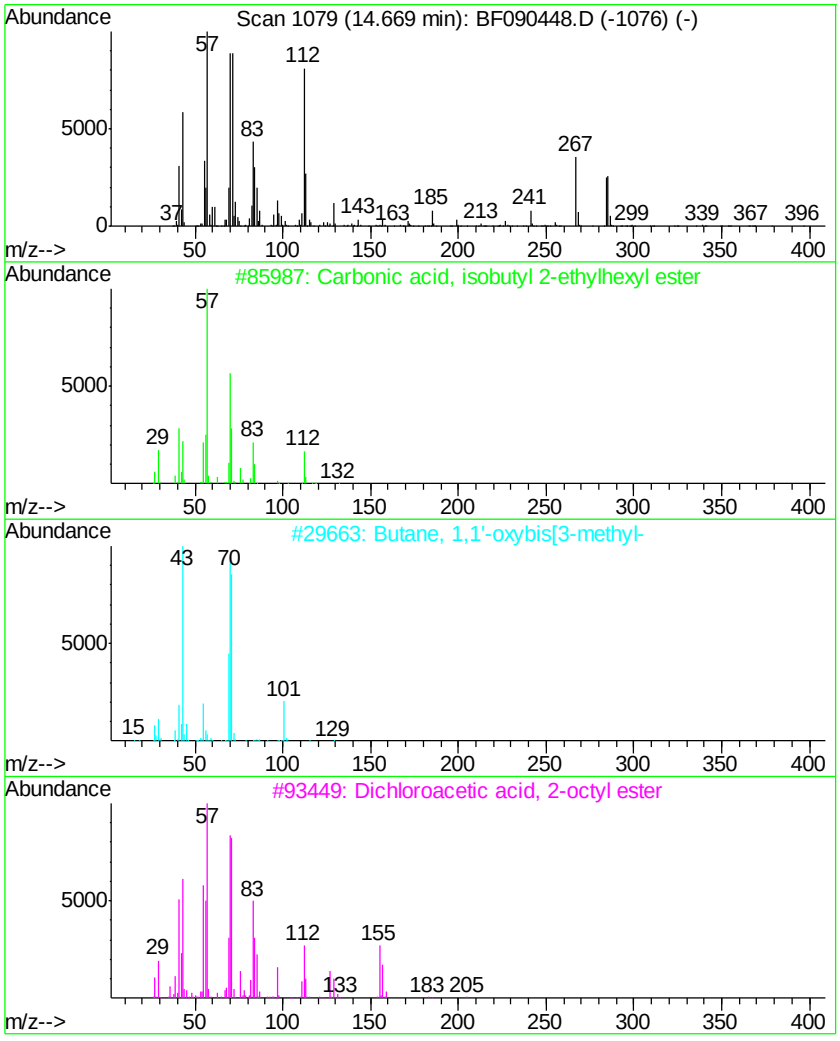
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

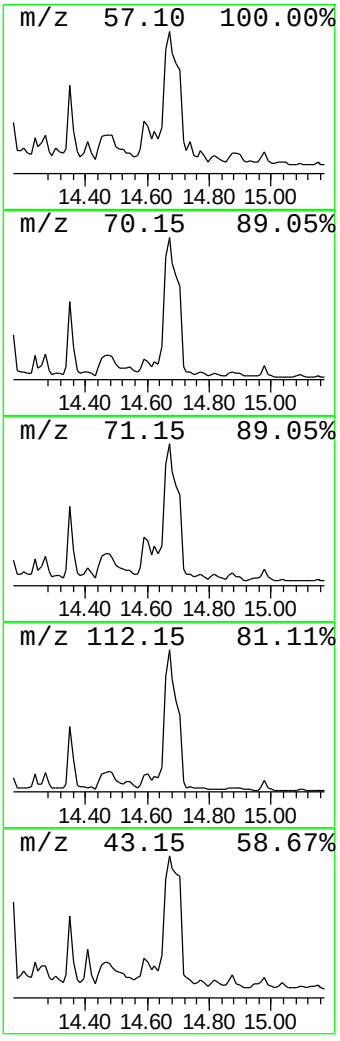
****

Peak Number 20 Carbonic acid, isobutyl 2-e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	269.89 ng	26934200	Chrysene-d12	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000357-82-9	50
2	Butane, 1,1'-oxybis[3-methyl-	158	C10H22O	000544-01-4	27
3	Dichloroacetic acid, 2-octyl ester	240	C10H18Cl2O2	096980-53-9	27
4	Oxalic acid, 2-ethylhexyl tetrad...	398	C24H46O4	1000309-39-7	22
5	Oxalic acid, 2-ethylhexyl pentad...	412	C25H48O4	1000309-39-8	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
Data File : BF090448.D
Acq On : 7 Oct 2016 16:20
Operator : UM/SJ
Sample : H5129-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexanoic acid, 2-...	7.99	83.8	ng	31879300	2	8.34	7605960	20.0
1-Decene	9.86	74.8	ng	31495000	3	10.04	8425480	20.0
Trichloroacetic a...	10.37	99.3	ng	41826900	3	10.04	8425480	20.0
1-Octanol, 5,7,7-...	11.08	267.9	ng	46260200	4	11.54	3453010	20.0
1-Tetradecanol	11.33	171.3	ng	29583300	4	11.54	3453010	20.0
n-Hexadecanoic acid	12.10	98.9	ng	17081600	4	11.54	3453010	20.0
Isopropyl palmitate	12.33	114.4	ng	19743900	4	11.54	3453010	20.0
Hexanoic acid, 2-...	12.53	101.2	ng	17472700	4	11.54	3453010	20.0
unknown12.94	12.94	88.1	ng	8792460	5	14.20	1995960	20.0
1-Decanol, 2-octyl-	13.04	142.9	ng	14265700	5	14.20	1995960	20.0
Hexanoic acid, 2-...	13.28	129.9	ng	12966200	5	14.20	1995960	20.0
unknown13.38	13.38	99.5	ng	9929190	5	14.20	1995960	20.0
Benzoic acid, tri...	13.46	203.4	ng	20303000	5	14.20	1995960	20.0
1-Hexadecanol, 2-...	13.55	71.9	ng	7178720	5	14.20	1995960	20.0
unknown13.62	13.62	212.6	ng	21216800	5	14.20	1995960	20.0
Hexanedioic acid,...	13.69	167.7	ng	16733500	5	14.20	1995960	20.0
Decan-2-yl isobut...	13.72	144.2	ng	14385900	5	14.20	1995960	20.0
Benzene, 1-nitro-...	14.04	281.3	ng	28076600	5	14.20	1995960	20.0
Carbonic acid, is...	14.67	269.9	ng	26934200	5	14.20	1995960	20.0