LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087809.D
Acq On : 8 Jun 2016 14:52
Operator : UM/SJ
Sample : H3379-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-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-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.655	3	6	8	rVB	3363300	4657654	100.00%	14.582%
2	1.758	13	15	24	rVB	225855	534830	11.48%	1.674%
3	1.884	24	26	39	rVB	2065502	3309971	71.07%	10.363%
4	2.044	39	40	80	rVB2	88998	559849	12.02%	1.753%
5	4.993	296	298	302	rBV	119753	144921	3.11%	0.454%
6	5.416	332	335	338	rBV	1522507	1446030	31.05%	4.527%
7	6.456	423	426	428	rBV	1605160	1556296	33.41%	4.872%
8	6.593	435	438	440	rBV	1802805	1760795	37.80%	5.513%
9	6.822	456	458	461	rBV	630422	541980	11.64%	1.697%
10	6.982	469	472	474	rVB	1610684	1377872	29.58%	4.314%
11	7.382	505	507	510	rBV	749458	1075175	23.08%	3.366%
12	8.113	568	571	573	rBV	772652	785076	16.86%	2.458%
13	9.188	663	665	668	rVB	1494062	2024006	43.46%	6.337%
14	9.588	698	700	702	rBV	604813	490265	10.53%	1.535%
15	9.873	722	725	726	rBV	783994	876312	18.81%	2.744%
16	10.662	791	794	796	rBV2	853307	1187691	25.50%	3.718%
17	10.788	802	805	809	rBV	44948	65028	1.40%	0.204%
18	11.234	842	844	850	rVB2	71697	108632	2.33%	0.340%
19	11.348	852	854	858	rVV	648598	1168128	25.08%	3.657%
20	11.428	858	861	862	rVV	112986	112024	2.41%	0.351%
21	11.588	872	875	879	rBV2	137916	195578	4.20%	0.612%
22	11.656	879	881	885	rVB2	59306	76776	1.65%	0.240%
23	11.851	896	898	899	rBV	59010	54842	1.18%	0.172%
24	11.885	899	901	903	rVB	76283	80331	1.72%	0.251%
25	11.965	906	908	912	rBV2	104319	147334	3.16%	0.461%
26	12.068	913	917	922	rBV2	50183	75909	1.63%	0.238%
27	12.148	922	924	928	rVB3	45069	87387	1.88%	0.274%
28	12.411	944	947	950	rBV2	119502	195987	4.21%	0.614%
29	12.559	958	960	963	rBV	503510	554539	11.91%	1.736%
30	12.788	976	980	983	rBV	521477	691667	14.85%	2.165%
31	12.834	983	984	989	rVB3	29014	56282	1.21%	0.176%
32	12.948	991	994	996	rVB	1600470	1736414	37.28%	5.436%
33	13.017	996	1000	1001	rBV2	31944	47922	1.03%	0.150%
34	13.119	1003	1009	1011	rVB2	70214	134938	2.90%	0.422%

LSC Area Percent Report

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Sample : H3379-20
Misc :
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Instrument : BNA_F
ClientSampleId : SS-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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.188	1011	1015	1016	rBV	75193	83812	1.80%	0.262%
36	13.222	1016	1018	1020	rBV	59129	57820	1.24%	0.181%
37	13.405	1031	1034	1037	rVB5	20282	47622	1.02%	0.149%
38	13.485	1039	1041	1043	rBV2	51118	64194	1.38%	0.201%
39	13.531	1043	1045	1050	rVB5	23635	47749	1.03%	0.149%
40	13.737	1060	1063	1064	rBV2	44353	61666	1.32%	0.193%
41	13.862	1070	1074	1077	rVB2	65624	113938	2.45%	0.357%
42	13.988	1082	1085	1091	rVB2	793374	1180566	25.35%	3.696%
43	14.491	1126	1129	1133	rVB2	37844	102909	2.21%	0.322%
44	15.005	1171	1174	1179	rBV	202378	437973	9.40%	1.371%
45	15.108	1181	1183	1185	rVB	66586	76391	1.64%	0.239%
46	15.303	1197	1200	1202	rVB	106766	165548	3.55%	0.518%
47	15.360	1202	1205	1208	rVV	164329	230826	4.96%	0.723%
48	15.417	1208	1210	1217	rVV2	424915	670992	14.41%	2.101%
49	15.897	1249	1252	1255	rBV2	29898	74699	1.60%	0.234%
50	16.514	1304	1306	1312	rVB4	26589	65476	1.41%	0.205%
51	16.651	1314	1318	1324	rVV3	22157	72986	1.57%	0.229%
52	16.800	1328	1331	1336	rVB2	77604	171575	3.68%	0.537%
53	16.971	1342	1346	1348	rBV2	24524	58615	1.26%	0.184%
54	17.223	1364	1368	1376	rVB	67243	162377	3.49%	0.508%
55	19.360	1551	1555	1562	rVB3	18291	75171	1.61%	0.235%

Sum of corrected areas: 31941346

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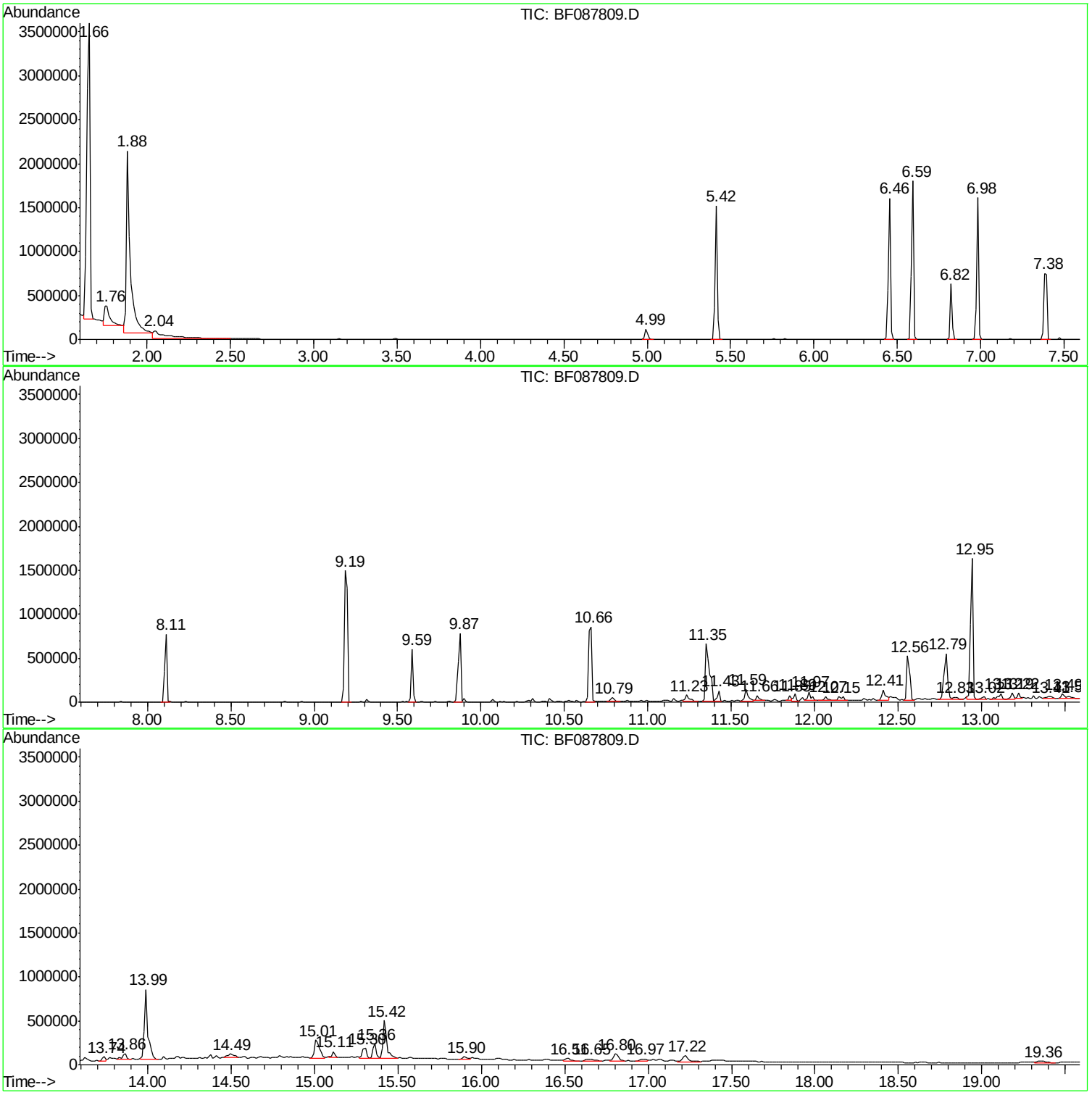
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087809.D
Acq On : 8 Jun 2016 14:52
Operator : UM/SJ
Sample : H3379-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

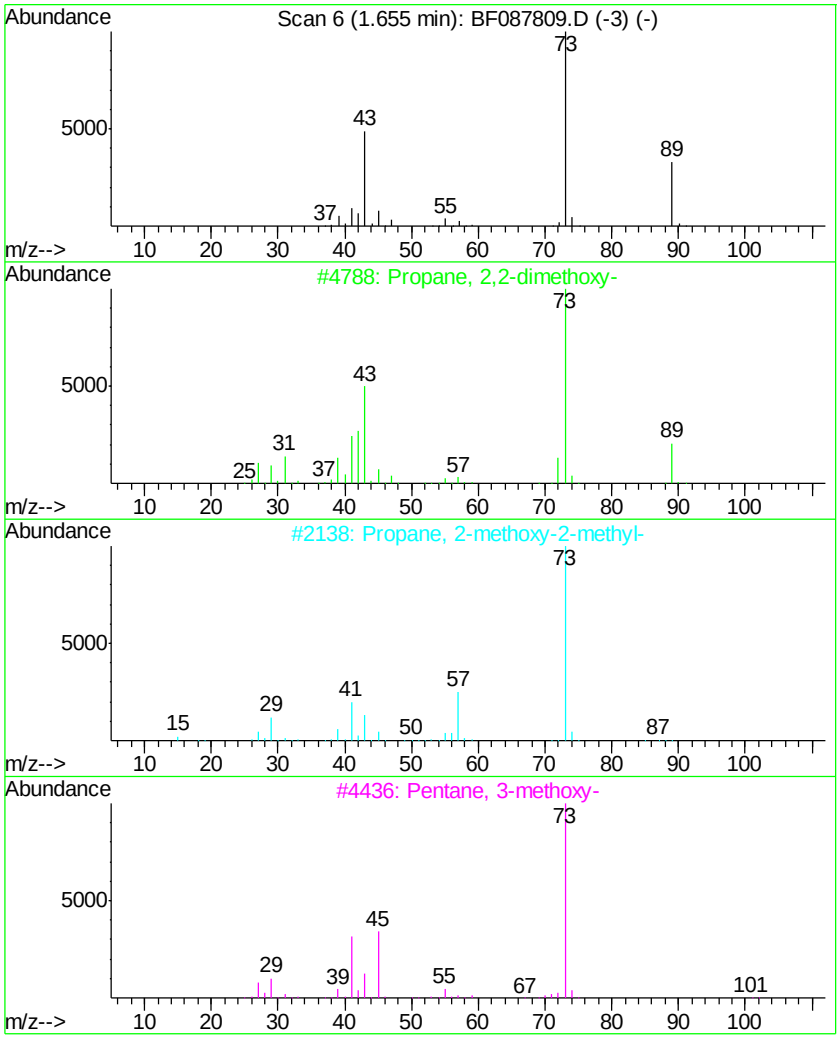
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

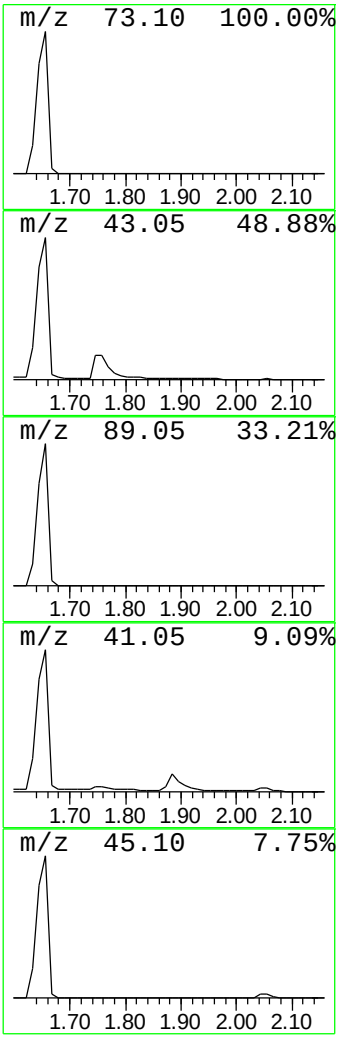
****

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.66	171.88 ng	4657650	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9





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Sample : H3379-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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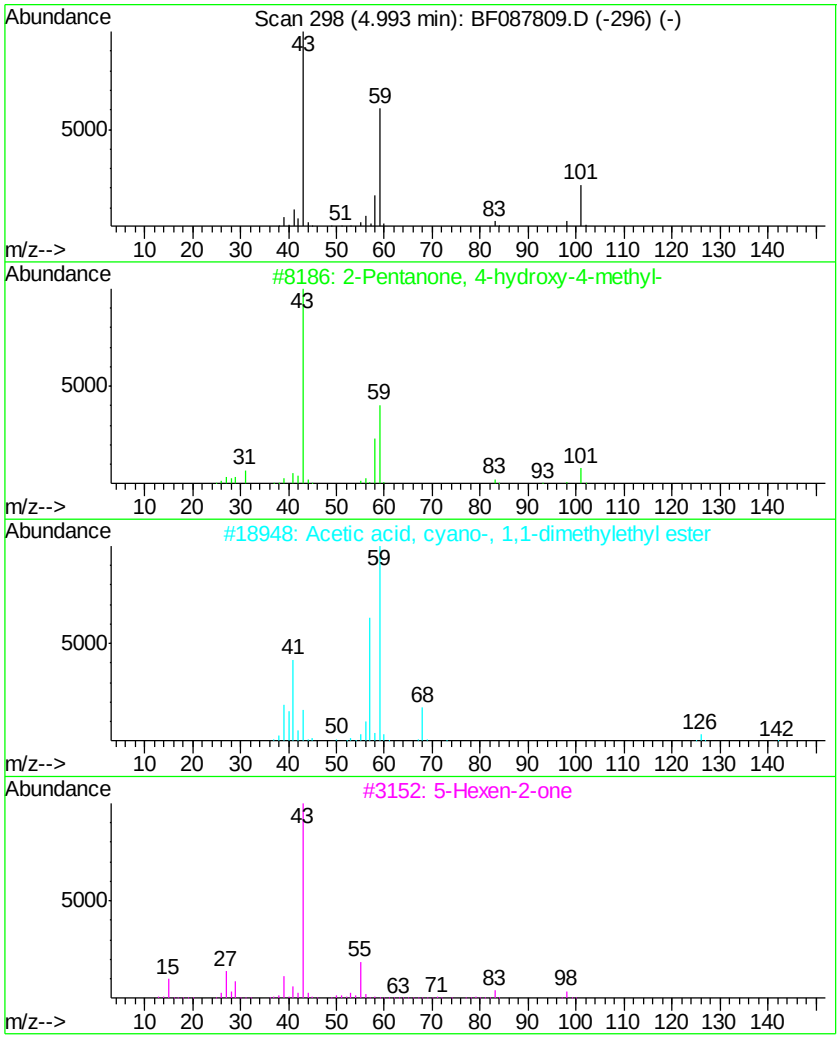
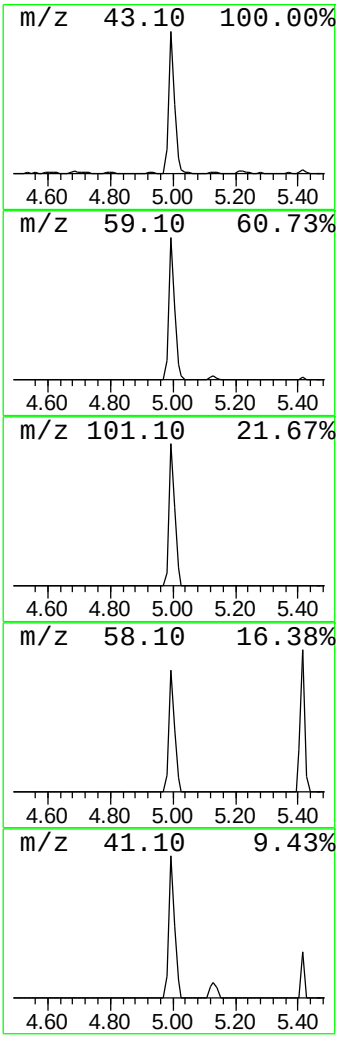
Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	5.35 ng	144921	1,4-Dichlorobenzene-d4	6.82

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	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
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Sample : H3379-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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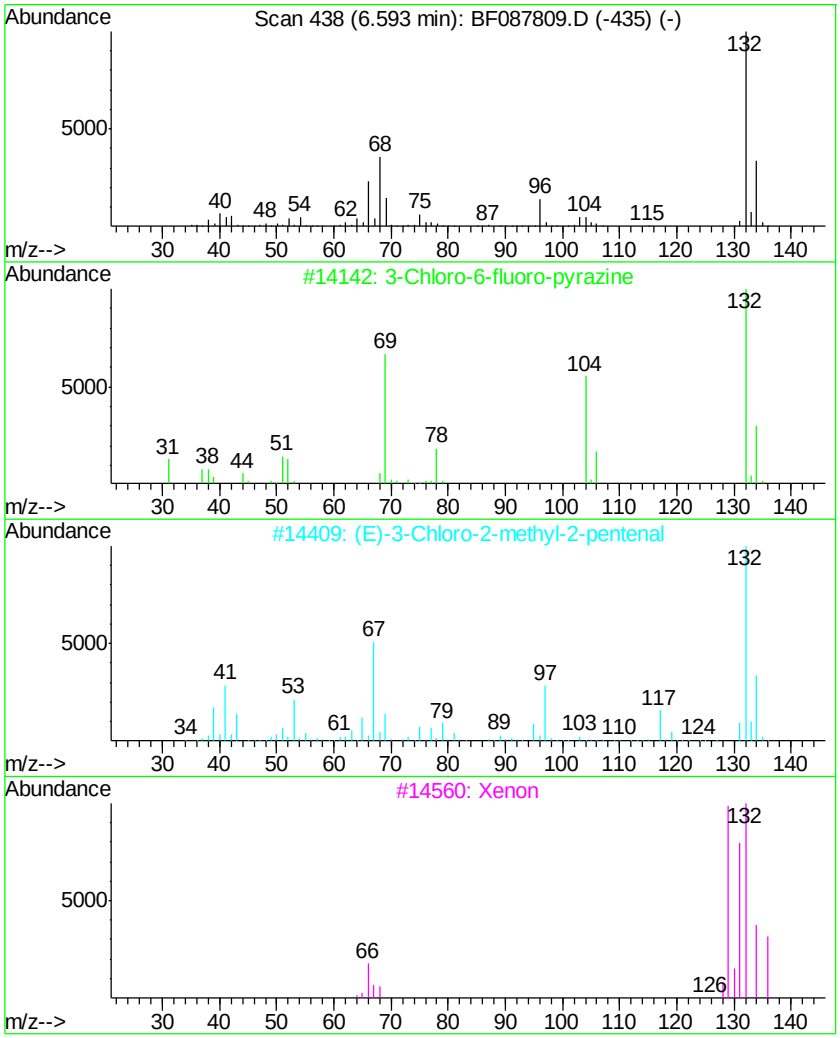
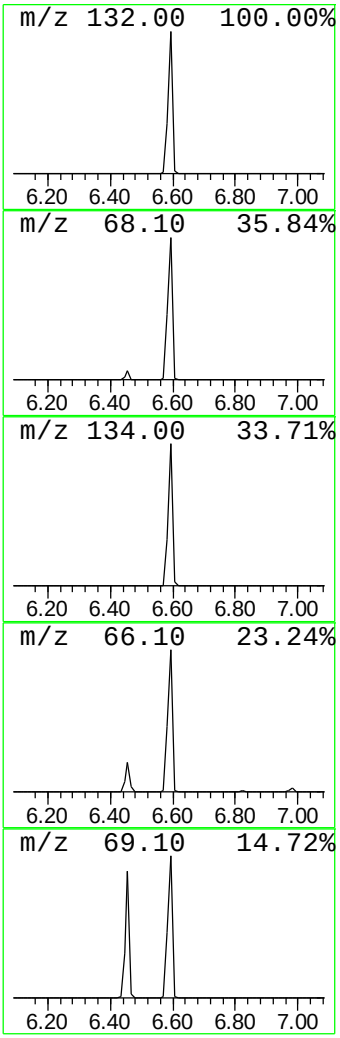
Peak Number 6 unknown6.59 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	64.98 ng	1760800	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Xenon	132	Xe	007440-63-3	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

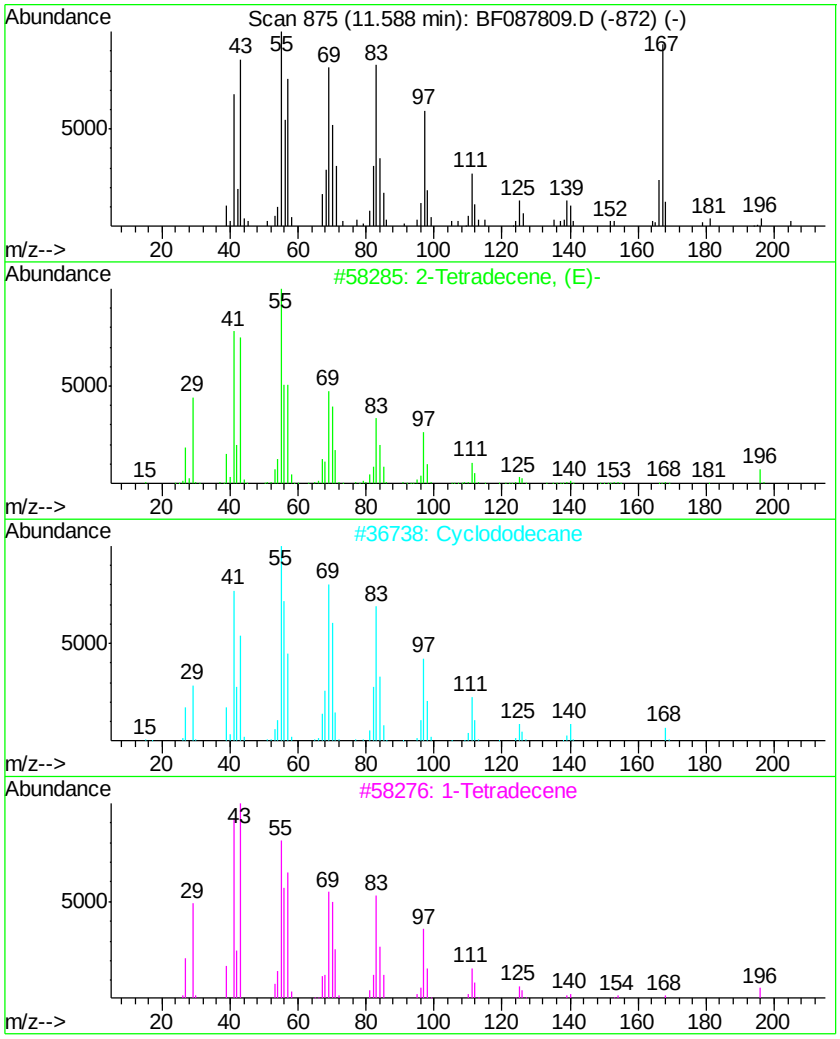
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

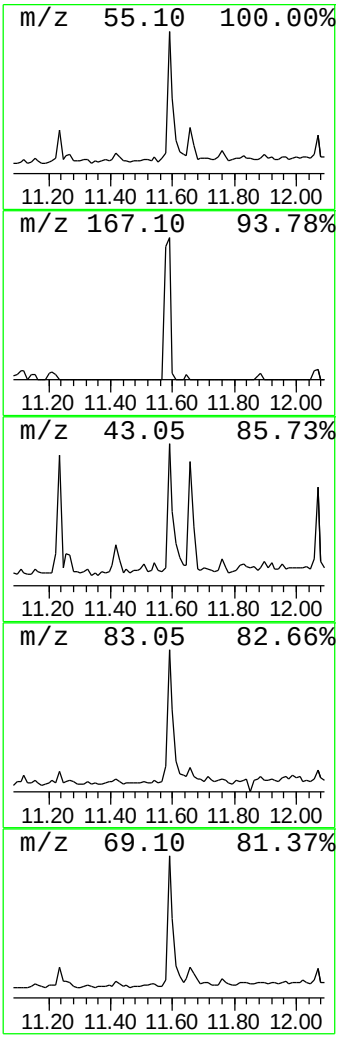
****

Peak Number 8 2-Tetradecene, (E)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	3.35 ng	195578	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Tetradecene, (E)-	196	C14H28	035953-54-9	96
2	Cyclododecane	168	C12H24	000294-62-2	96
3	1-Tetradecene	196	C14H28	001120-36-1	95
4	Cyclotetradecane	196	C14H28	000295-17-0	95
5	1-Hexadecanol	242	C16H34O	036653-82-4	93





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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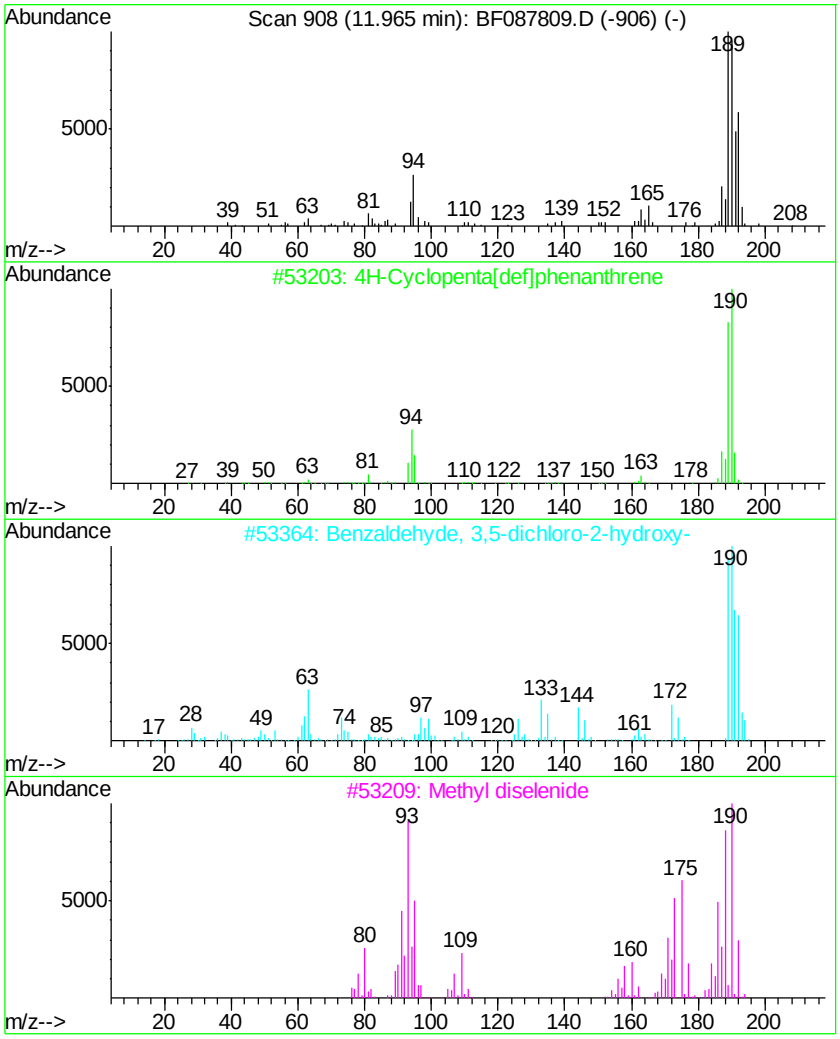
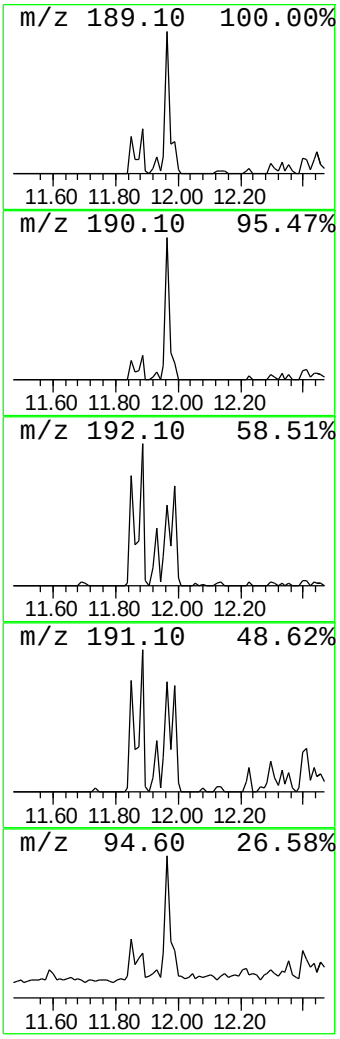
****

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	2.52 ng	147334	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
3	Methyl diselenide	190	C2H6Se2	007101-31-7	38
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	25





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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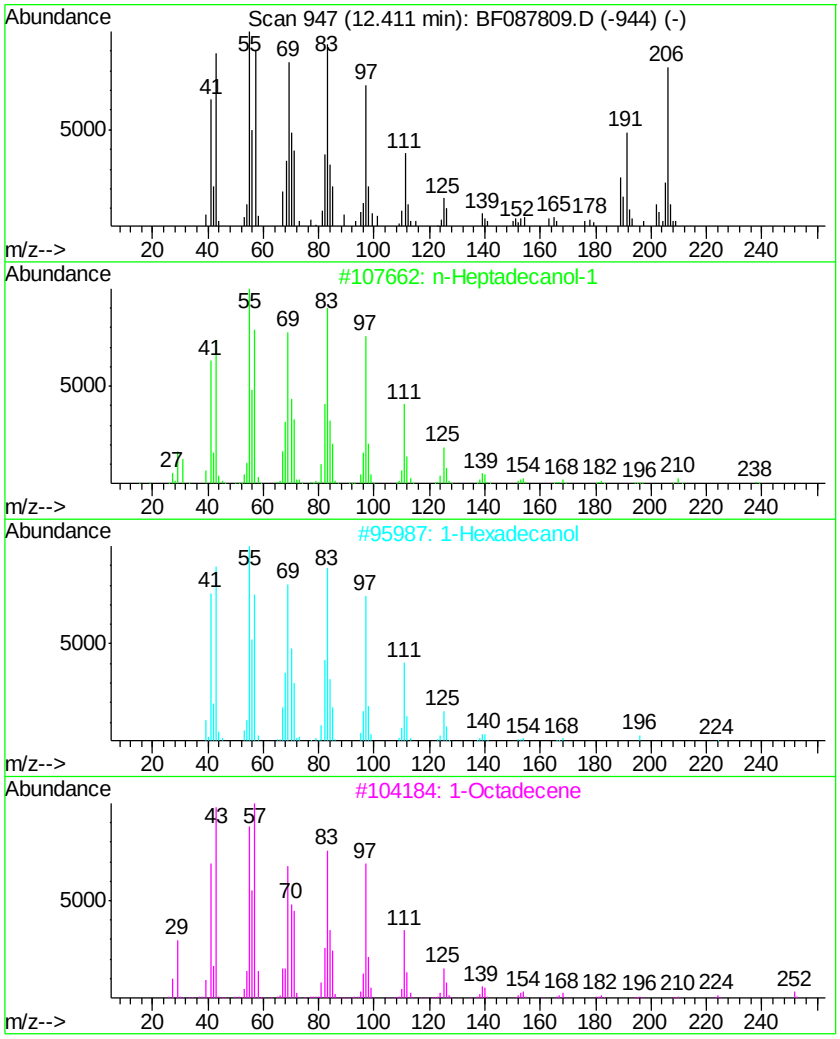
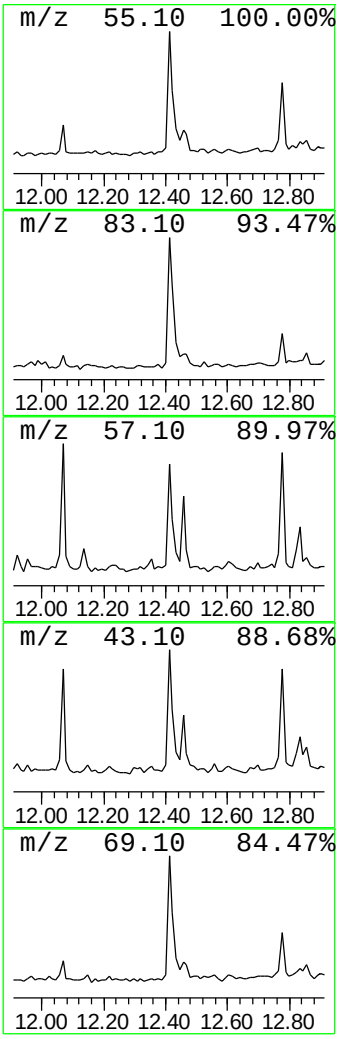
Peak Number 10 n-Heptadecanol-1 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	3.36 ng	195987	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Heptadecanol-1	256	C17H36O	001454-85-9	89
2	1-Hexadecanol	242	C16H34O	036653-82-4	89
3	1-Octadecene	252	C18H36	000112-88-9	80
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	55
5	1-Tetradecanol	214	C14H30O	000112-72-1	55





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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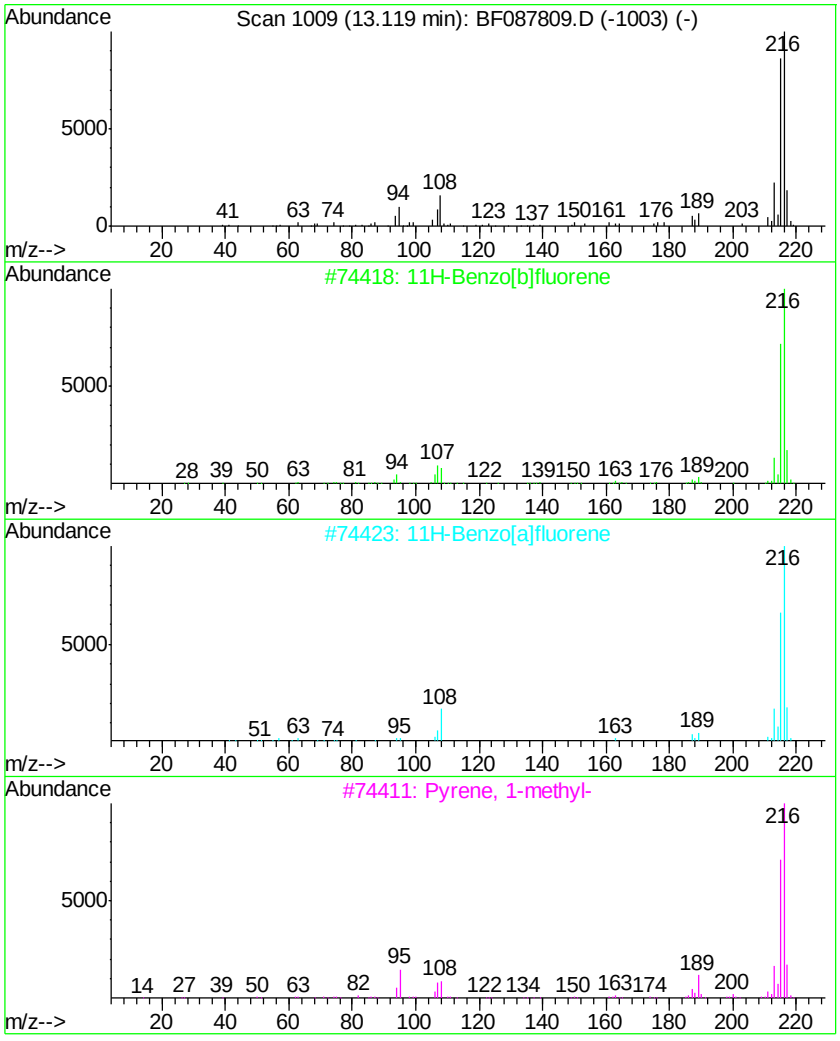
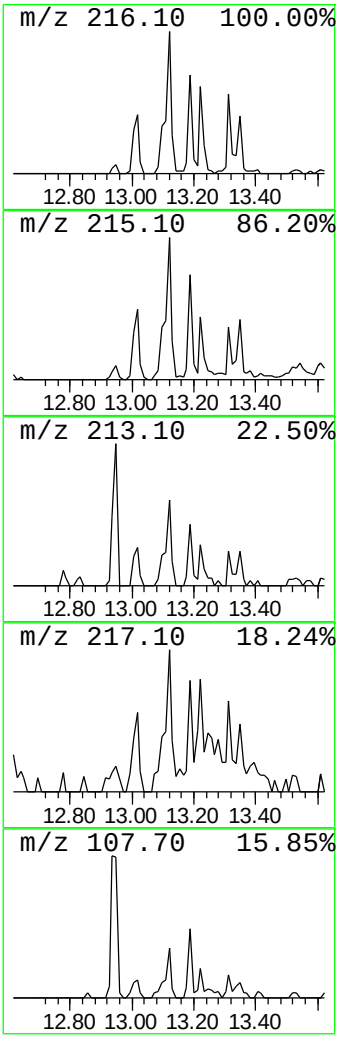
Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	2.29 ng	134938	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





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Data File : BF087809.D
Acq On : 8 Jun 2016 14:52
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Sample : H3379-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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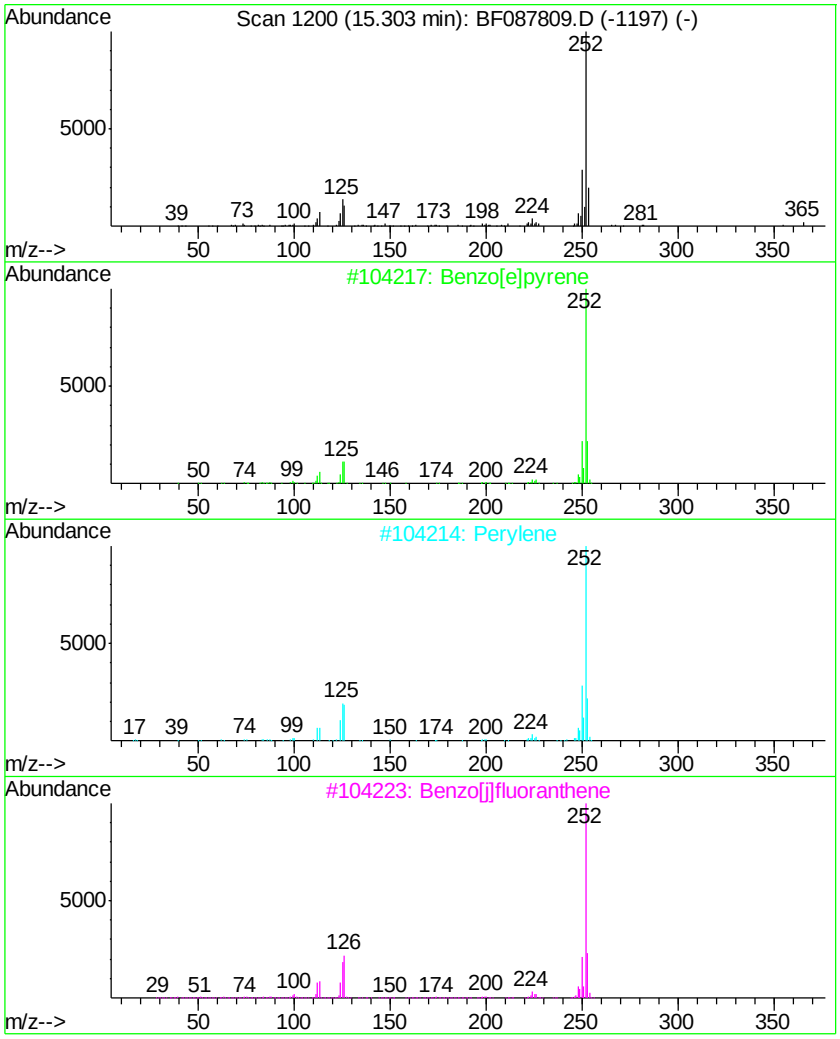
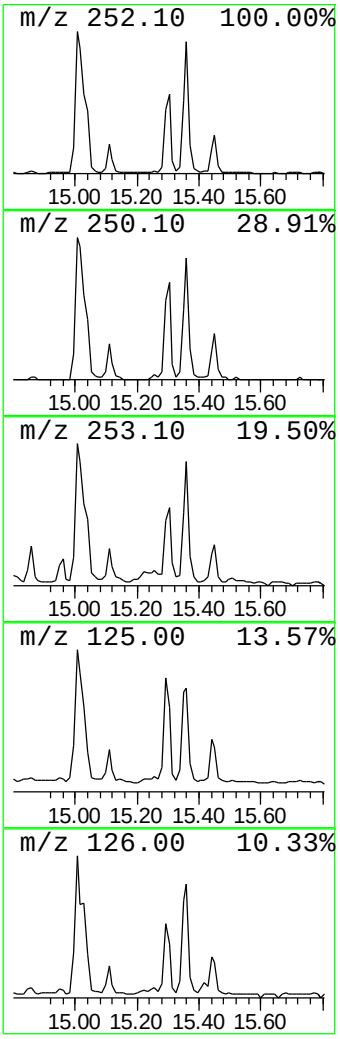
Peak Number 13 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	4.93 ng	165548	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	94
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	81





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Data File : BF087809.D
Acq On : 8 Jun 2016 14:52
Operator : UM/SJ
Sample : H3379-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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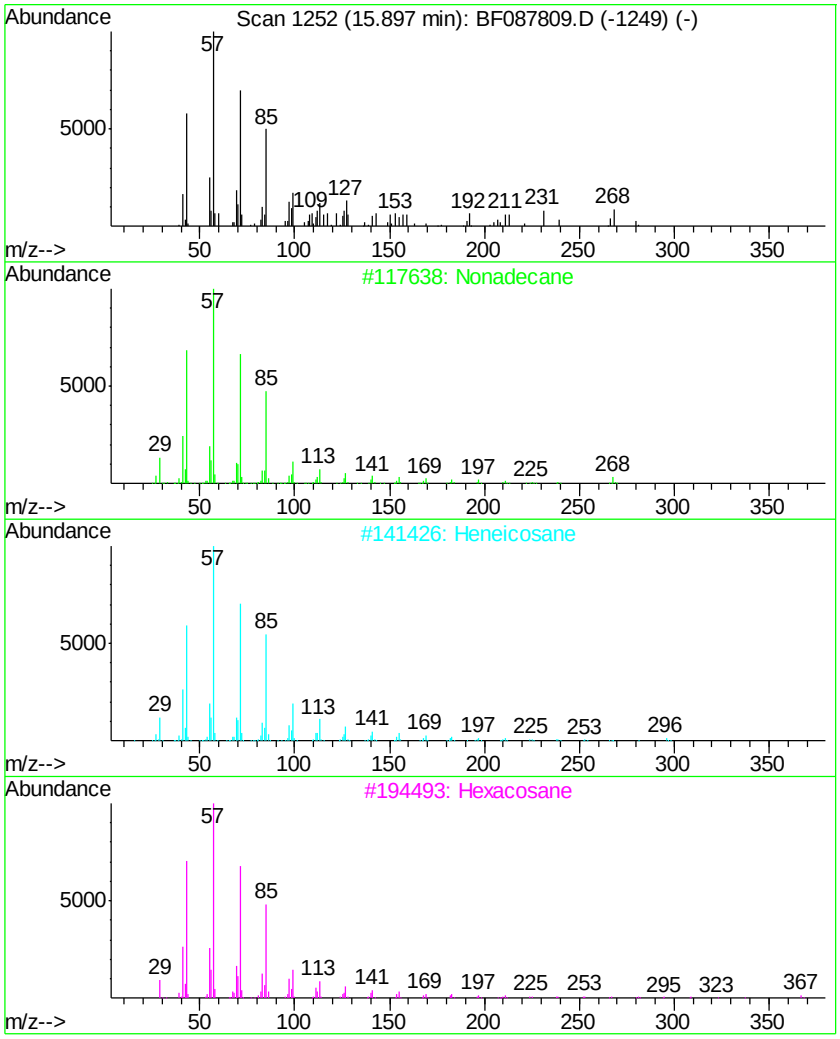
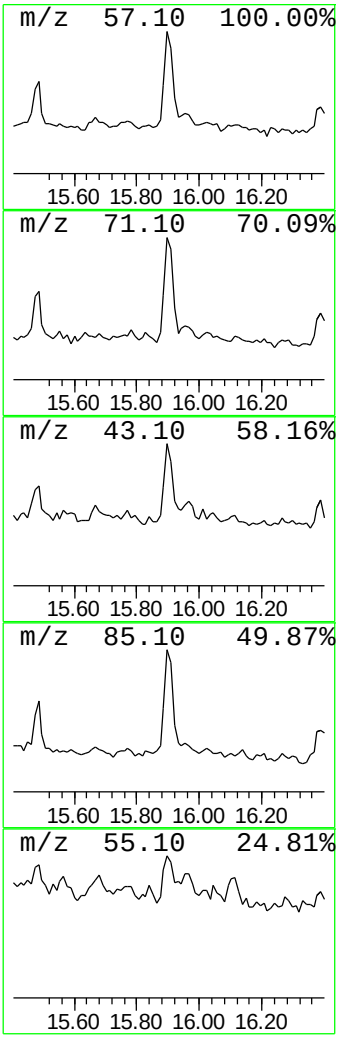
Peak Number 14 Nonadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	2.23 ng	74699	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Heneicosane	296	C21H44	000629-94-7	87
3	Hexacosane	366	C26H54	000630-01-3	86
4	Triacontane	422	C30H62	000638-68-6	80
5	Eicosane, 2-methyl-	296	C21H44	001560-84-5	72





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Operator : UM/SJ
Sample : H3379-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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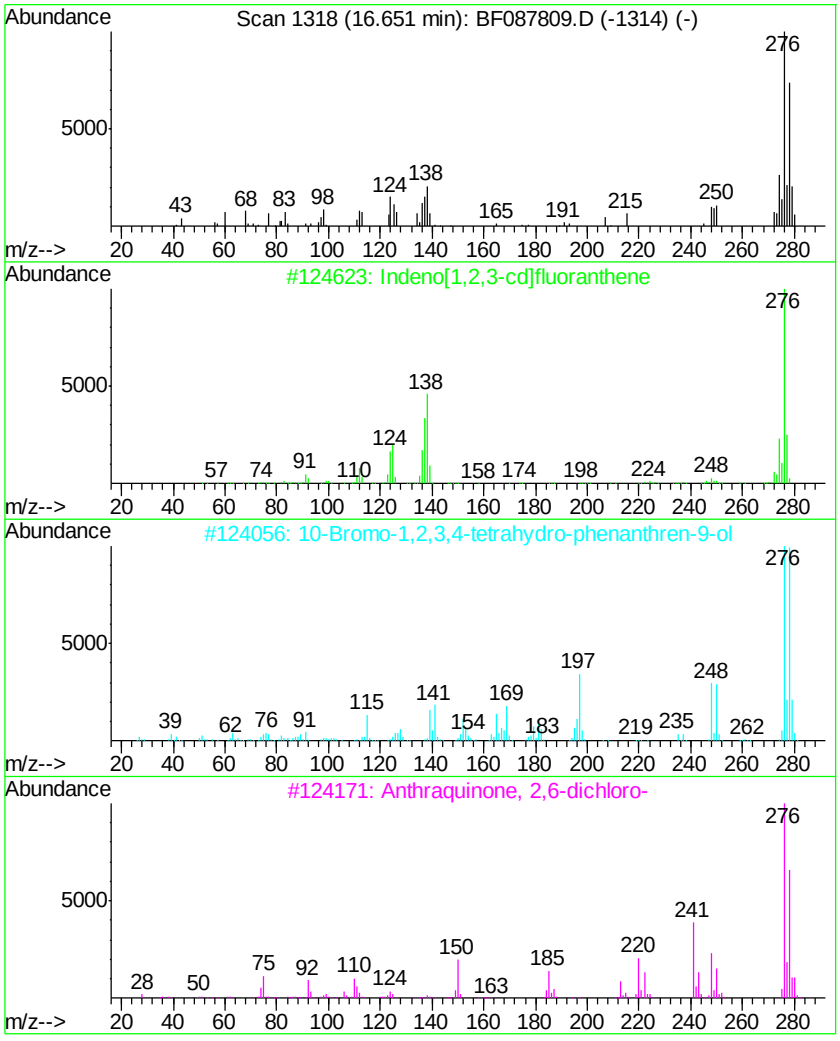
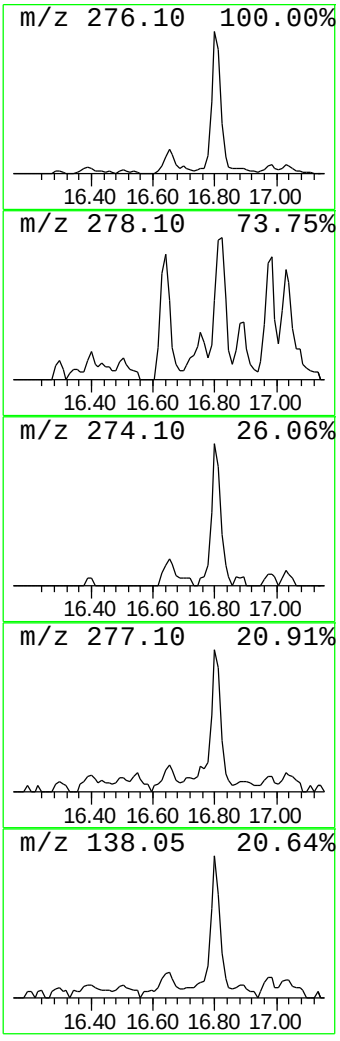
Peak Number 15 Indeno[1,2,3-cd]fluoranthene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	2.18 ng	72986	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	84
2	10-Bromo-1,2,3,4-tetrahydro-phen...	276	C14H13BrO	1000190-54-9	64
3	Anthraquinone, 2,6-dichloro-	276	C14H6Cl2O2	000605-40-3	53
4	Benzo[ghi]perylene	276	C22H12	000191-24-2	46
5	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	46





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087809.D
Acq On : 8 Jun 2016 14:52
Operator : UM/SJ
Sample : H3379-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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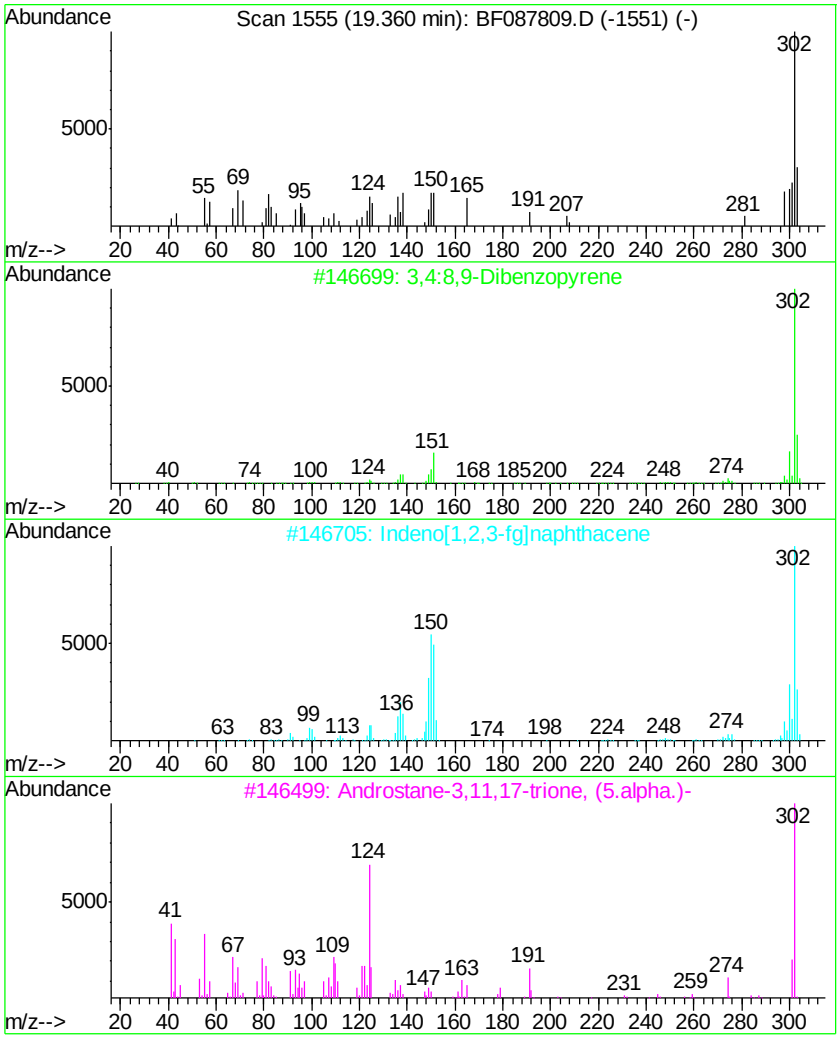
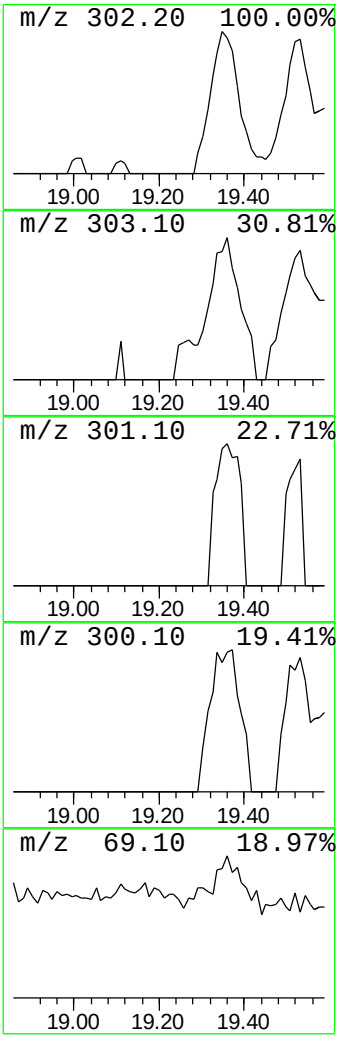
Peak Number 16 3,4:8,9-Dibenzopyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	2.24 ng	75171	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	53
2	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	50
3	Androstane-3,11,17-trione, (5.al...	302	C19H26O3	001482-70-8	38
4	1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	37
5	Quercetin	302	C15H10O7	000117-39-5	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060816\
Data File : BF087809.D
Acq On : 8 Jun 2016 14:52
Operator : UM/SJ
Sample : H3379-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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
Propane, 2,2-dime...	1.66	171.9	ng	4657650	1	6.82	541980	20.0
2-Pentanone, 4-hy...	4.99	5.3	ng	144921	1	6.82	541980	20.0
unknown6.59	6.59	65.0	ng	1760800	1	6.82	541980	20.0
2-Tetradecene, (E)-	11.59	3.4	ng	195578	4	11.35	1168130	20.0
4H-Cyclopenta[def...	11.97	2.5	ng	147334	4	11.35	1168130	20.0
n-Heptadecanol-1	12.41	3.4	ng	195987	4	11.35	1168130	20.0
11H-Benzo[b]fluorene	13.12	2.3	ng	134938	5	13.99	1180570	20.0
Benzo[e]pyrene	15.30	4.9	ng	165548	6	15.42	670992	20.0
Nonadecane	15.90	2.2	ng	74699	6	15.42	670992	20.0
Indeno[1,2,3-cd]f...	16.65	2.2	ng	72986	6	15.42	670992	20.0
3,4:8,9-Dibenzopy...	19.36	2.2	ng	75171	6	15.42	670992	20.0