LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083434.D
Acq On : 2 Dec 2015 23:21
Operator : UM/IZ
Sample : G4582-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-05(0-6)

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-BF113015.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	4.647	256	259	275	rVB	1041913	2127747	36.53%	3.751%
2	5.047	292	294	299	rVB	75760	123755	2.12%	0.218%
3	5.127	299	301	304	rBV	4155261	5139161	88.24%	9.061%
4	6.213	393	396	402	rBV	5176643	5824206	100.00%	10.269%
5	6.316	402	405	407	rVV	5587517	5756906	98.84%	10.150%
6	6.362	407	409	413	rVB	59778	86130	1.48%	0.152%
7	6.533	422	424	427	rBV	921686	1007891	17.31%	1.777%
8	6.693	436	438	444	rVB	4050759	4014602	68.93%	7.078%
9	7.116	472	475	477	rBV	3070360	3849434	66.09%	6.787%
10	7.825	534	537	541	rBV2	1514790	1968902	33.81%	3.471%
11	8.533	597	599	602	rBV	92901	119566	2.05%	0.211%
12	8.636	604	608	610	rBV	92900	88533	1.52%	0.156%
13	8.785	619	621	624	rBV	63334	75937	1.30%	0.134%
14	8.910	629	632	634	rVV	5294206	5806872	99.70%	10.238%
15	9.002	638	640	642	rVV	74613	81792	1.40%	0.144%
16	9.242	658	661	662	rBV	31668	58857	1.01%	0.104%
17	9.311	665	667	669	rBV	1081235	998776	17.15%	1.761%
18	9.528	684	686	688	rBV	178799	182013	3.13%	0.321%
19	9.573	688	690	692	rBV	1467553	1496354	25.69%	2.638%
20	9.768	704	707	710	rBV3	36542	102546	1.76%	0.181%
21	10.031	728	730	731	rVB	212895	210522	3.61%	0.371%
22	10.111	736	737	742	rVB	51262	62948	1.08%	0.111%
23	10.248	746	749	750	rBV	95416	140345	2.41%	0.247%
24	10.362	756	759	762	rVB	3340761	3462309	59.45%	6.104%
25	10.511	769	772	775	rBV	156174	286064	4.91%	0.504%
26	10.716	788	790	792	rBV2	34290	60445	1.04%	0.107%
27	10.991	813	814	816	rBV	64460	87823	1.51%	0.155%
28	11.105	822	824	829	rBV2	1349037	1816992	31.20%	3.203%
29	11.196	829	832	835	rVV3	87832	123965	2.13%	0.219%
30	11.711	872	877	879	rBV2	68658	114212	1.96%	0.201%
31	11.745	879	880	883	rVV	67689	84035	1.44%	0.148%
32	11.814	883	886	887	rVV	257154	329059	5.65%	0.580%
33	11.848	887	889	891	rVV	126228	194599	3.34%	0.343%
34	11.882	891	892	897	rVB2	54452	67683	1.16%	0.119%

LSC Area Percent Report

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Data File : BF083434.D
Acq On : 2 Dec 2015 23:21
Operator : UM/IZ
Sample : G4582-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-05(0-6)

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-BF113015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.442	938	941	945	rBV2	82694	180731	3.10%	0.319%
36	12.637	955	958	961	rBV	421771	503355	8.64%	0.887%
37	12.888	977	980	982	rBV2	95396	179881	3.09%	0.317%
38	12.945	982	985	987	rVV	553506	783426	13.45%	1.381%
39	13.002	987	990	997	rVB5	48608	153302	2.63%	0.270%
40	13.197	1004	1007	1010	rBV	3102020	4856018	83.38%	8.562%
41	13.437	1026	1028	1030	rVB2	42363	67701	1.16%	0.119%
42	13.574	1038	1040	1043	rBV2	50503	75616	1.30%	0.133%
43	14.202	1092	1095	1098	rVB2	29969	65956	1.13%	0.116%
44	14.637	1130	1133	1137	rBV2	148973	270492	4.64%	0.477%
45	14.717	1137	1140	1143	rVV2	759830	1427510	24.51%	2.517%
46	14.762	1143	1144	1146	rVB	161609	136776	2.35%	0.241%
47	16.214	1268	1271	1273	rVB	57884	82463	1.42%	0.145%
48	16.271	1273	1276	1278	rBV	130822	247397	4.25%	0.436%
49	16.637	1306	1308	1311	rVB	93340	128170	2.20%	0.226%
50	16.717	1311	1315	1318	rBV	106046	183716	3.15%	0.324%
51	16.786	1318	1321	1324	rBV	667397	969075	16.64%	1.709%
52	18.157	1438	1441	1447	rVB2	68804	136598	2.35%	0.241%
53	18.534	1470	1474	1478	rVB	56639	121140	2.08%	0.214%
54	18.740	1487	1492	1500	rBV6	22331	135166	2.32%	0.238%
55	20.432	1636	1640	1647	rVB5	16988	63609	1.09%	0.112%

Sum of corrected areas: 56719079

LSC Report - Integrated Chromatogram

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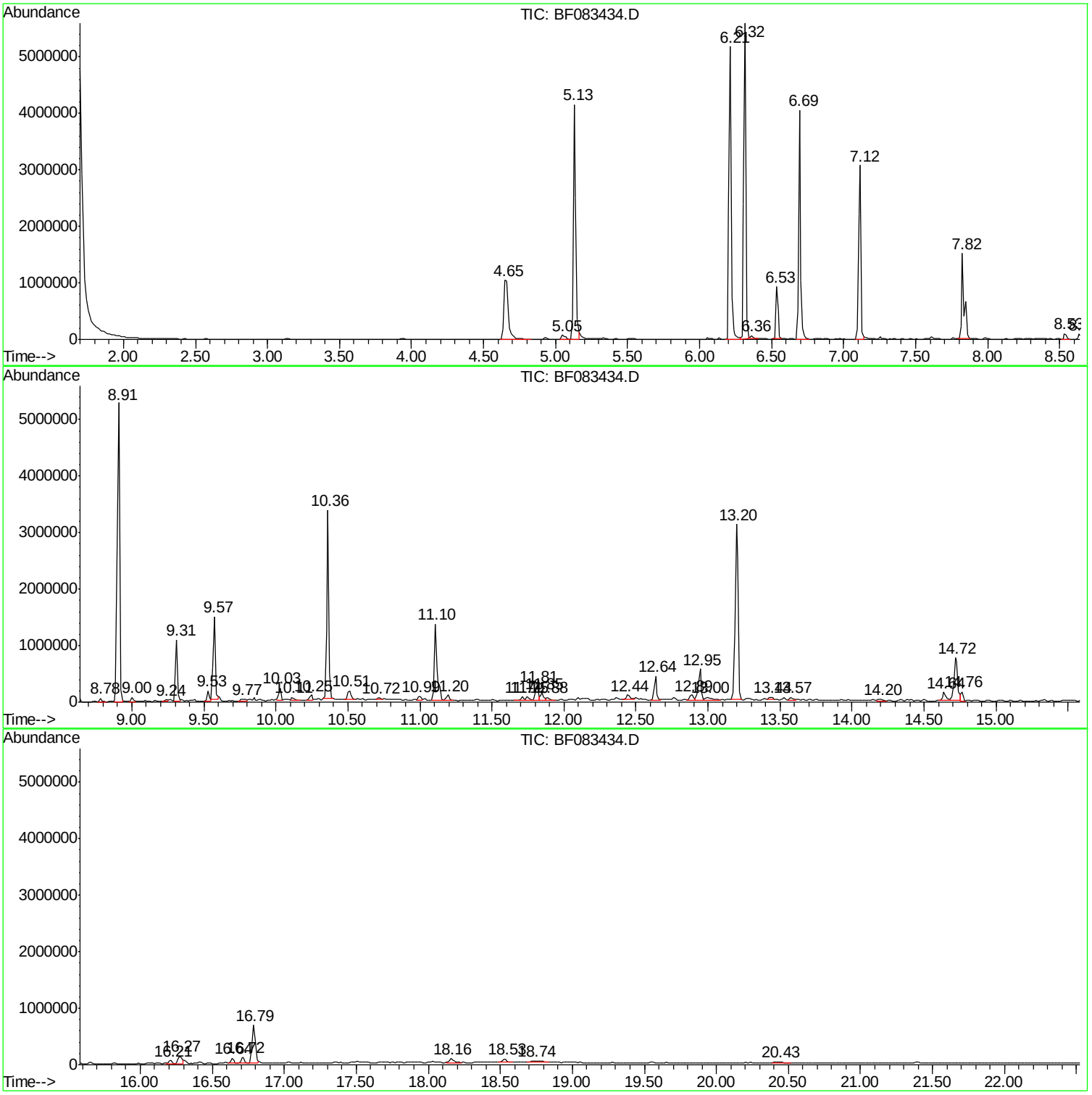
Data File : BF083434.D
Acq On : 2 Dec 2015 23:21
Operator : UM/IZ
Sample : G4582-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-05(0-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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\BF120215\
Data File : BF083434.D
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Operator : UM/IZ
Sample : G4582-07
Misc :
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Instrument : BNA_F
ClientSampleId : SB-P3WC-05(0-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
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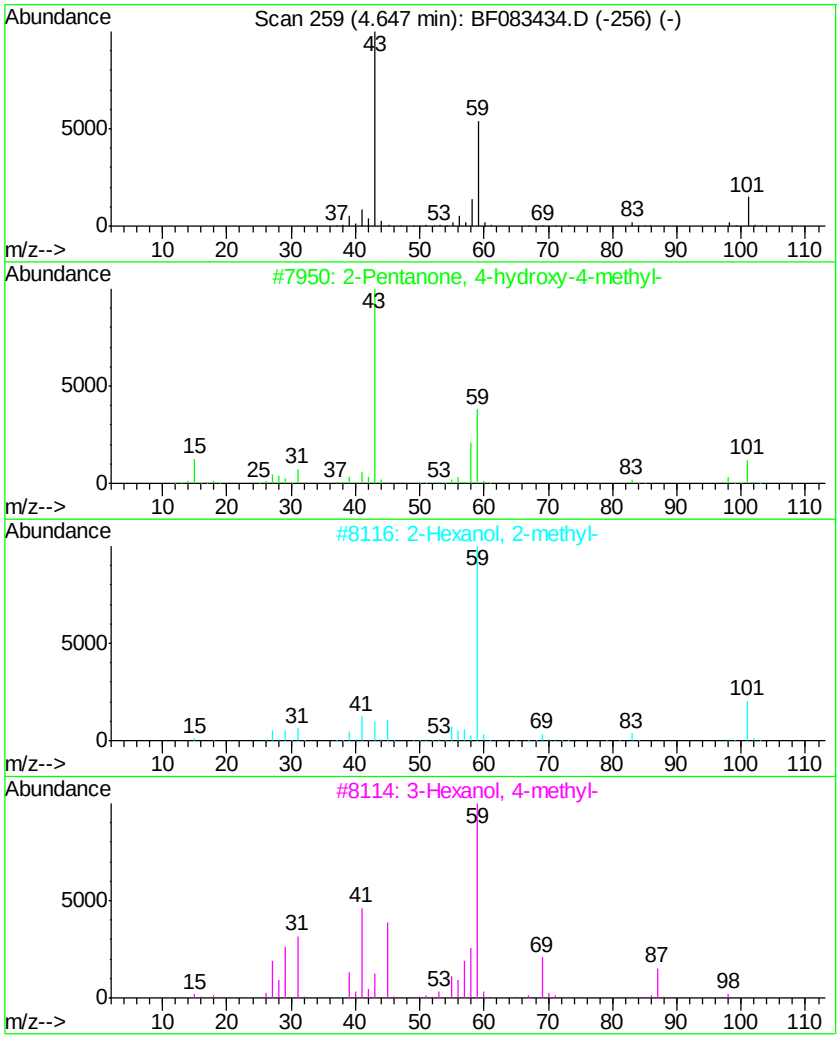
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

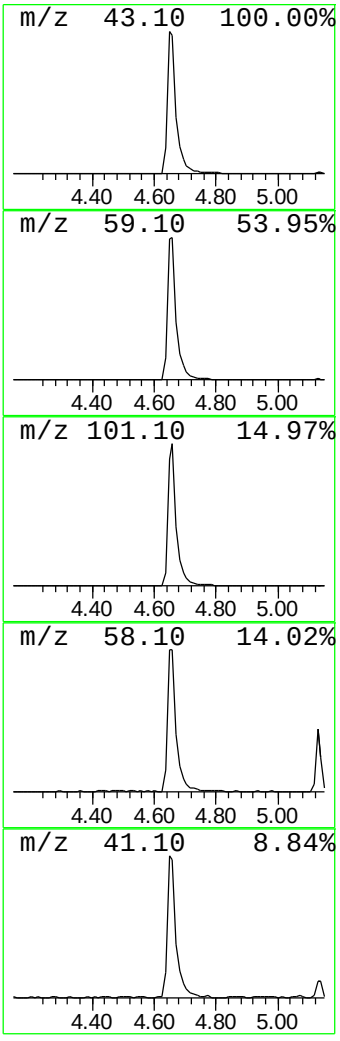
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.65	42.22 ng	2127750	1,4-Dichlorobenzene-d4	6.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	1,2-Butanediol, (.+/-.)-	90	C4H10O2	026171-83-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083434.D
Acq On : 2 Dec 2015 23:21
Operator : UM/IZ
Sample : G4582-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-05(0-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

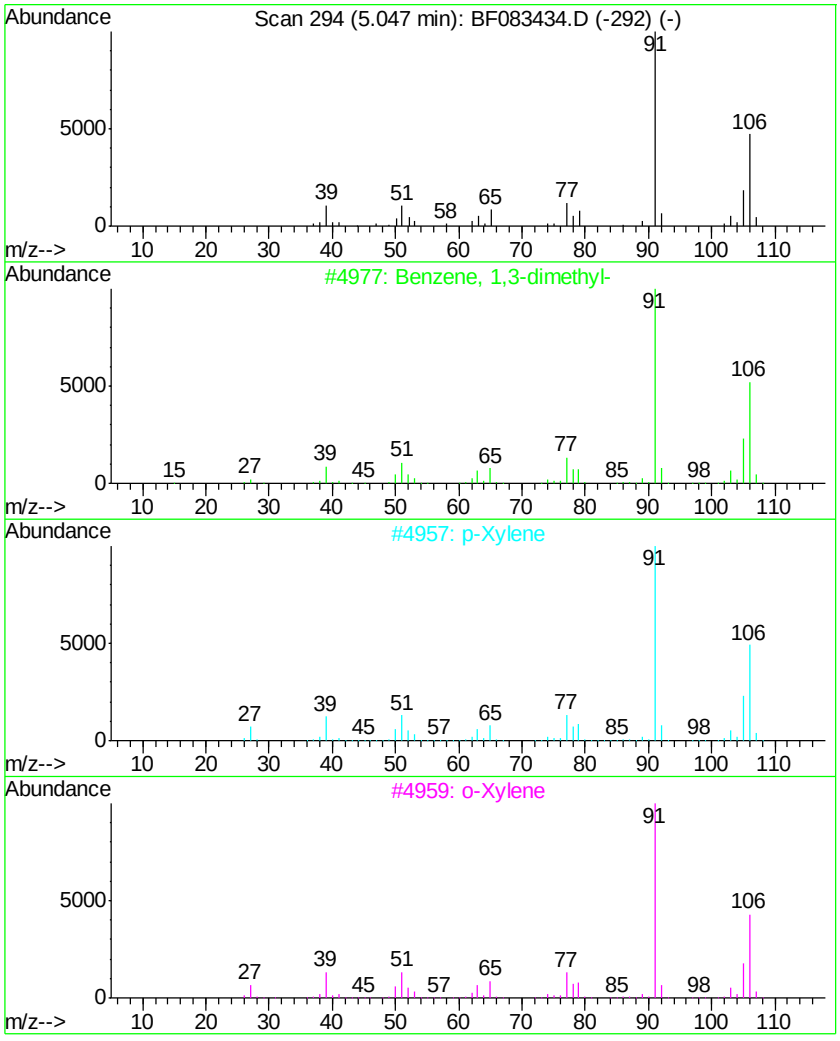
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

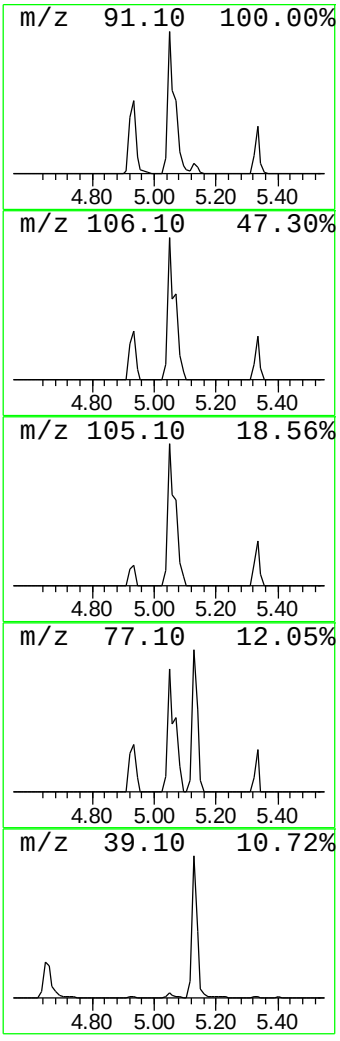
****

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	2.46 ng	123755	1,4-Dichlorobenzene-d4	6.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
2	p-Xylene	106	C8H10	000106-42-3	95
3	o-Xylene	106	C8H10	000095-47-6	95
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	91
5	Ethylbenzene	106	C8H10	000100-41-4	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083434.D
Acq On : 2 Dec 2015 23:21
Operator : UM/IZ
Sample : G4582-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-05(0-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
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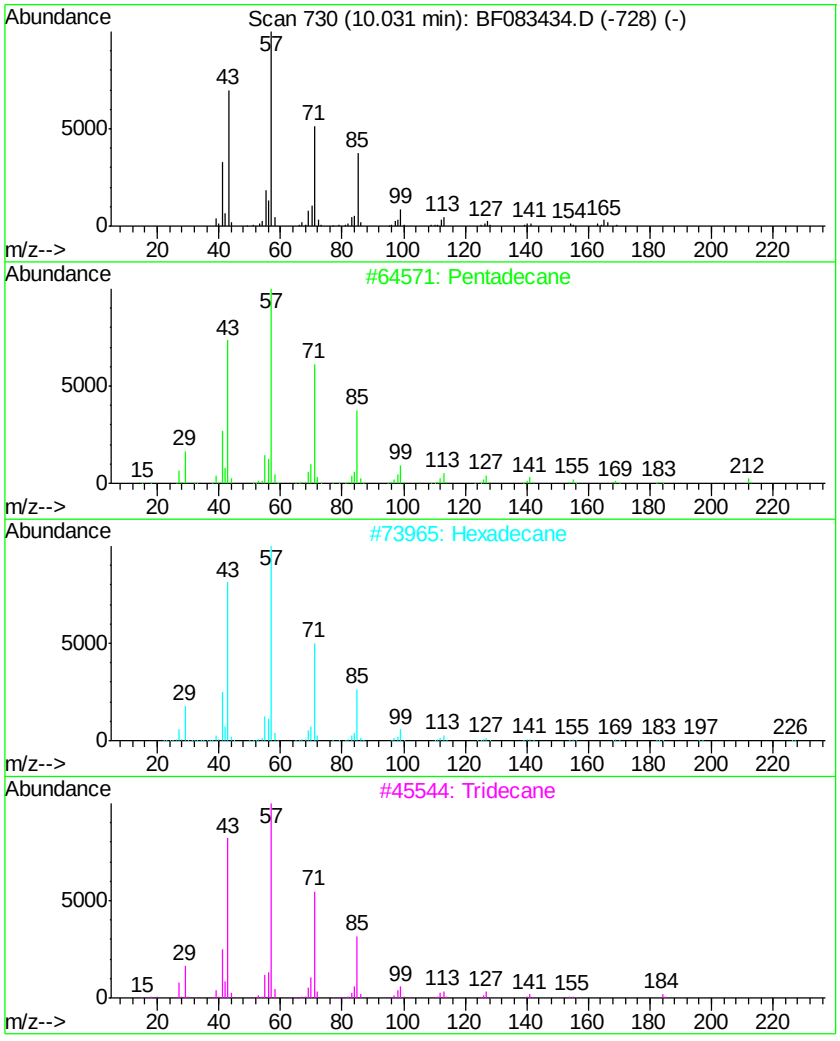
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

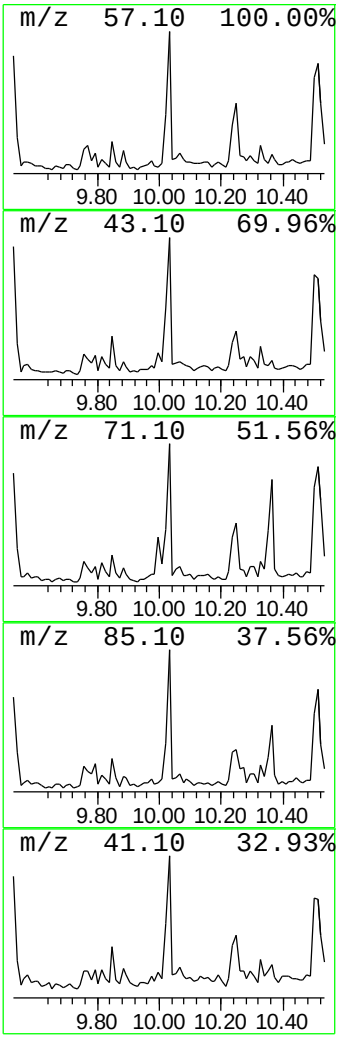
****

Peak Number 5 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	2.81 ng	210522	Acenaphthene-d10	9.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tridecane	184	C13H28	000629-50-5	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Heptadecane	240	C17H36	000629-78-7	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083434.D
Acq On : 2 Dec 2015 23:21
Operator : UM/IZ
Sample : G4582-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-05(0-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

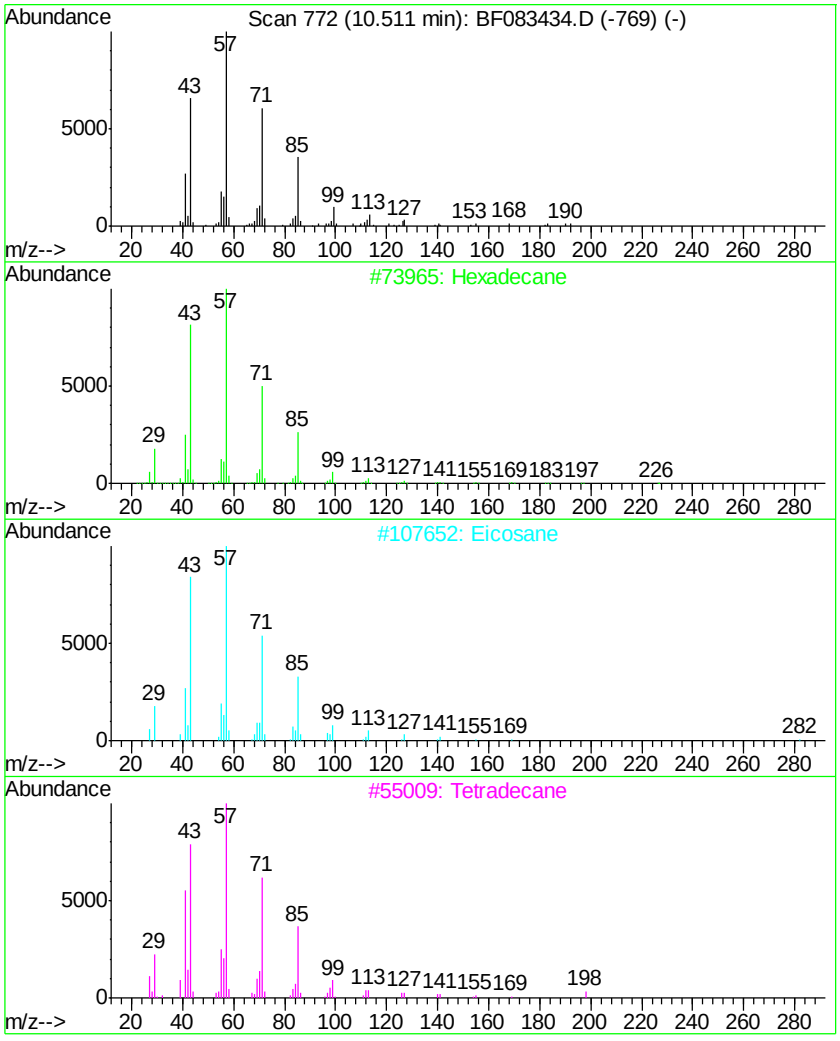
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

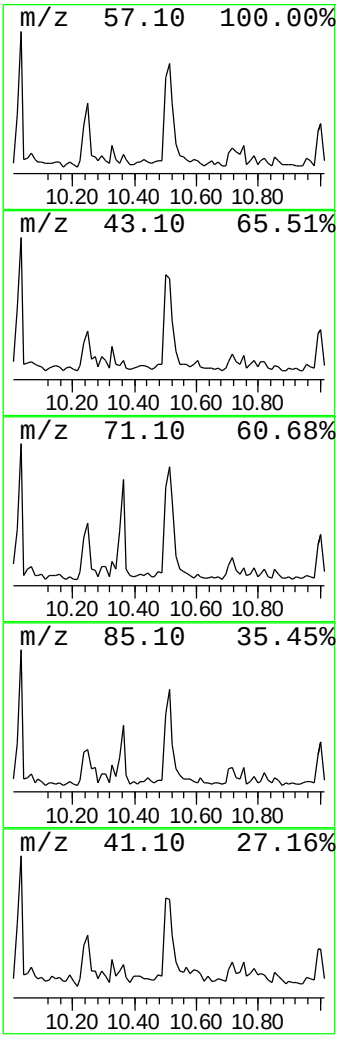
****

Peak Number 6 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	3.15 ng	286064	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Eicosane	282	C20H42	000112-95-8	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Octacosane	394	C28H58	000630-02-4	86
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80





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Data File : BF083434.D
Acq On : 2 Dec 2015 23:21
Operator : UM/IZ
Sample : G4582-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-05(0-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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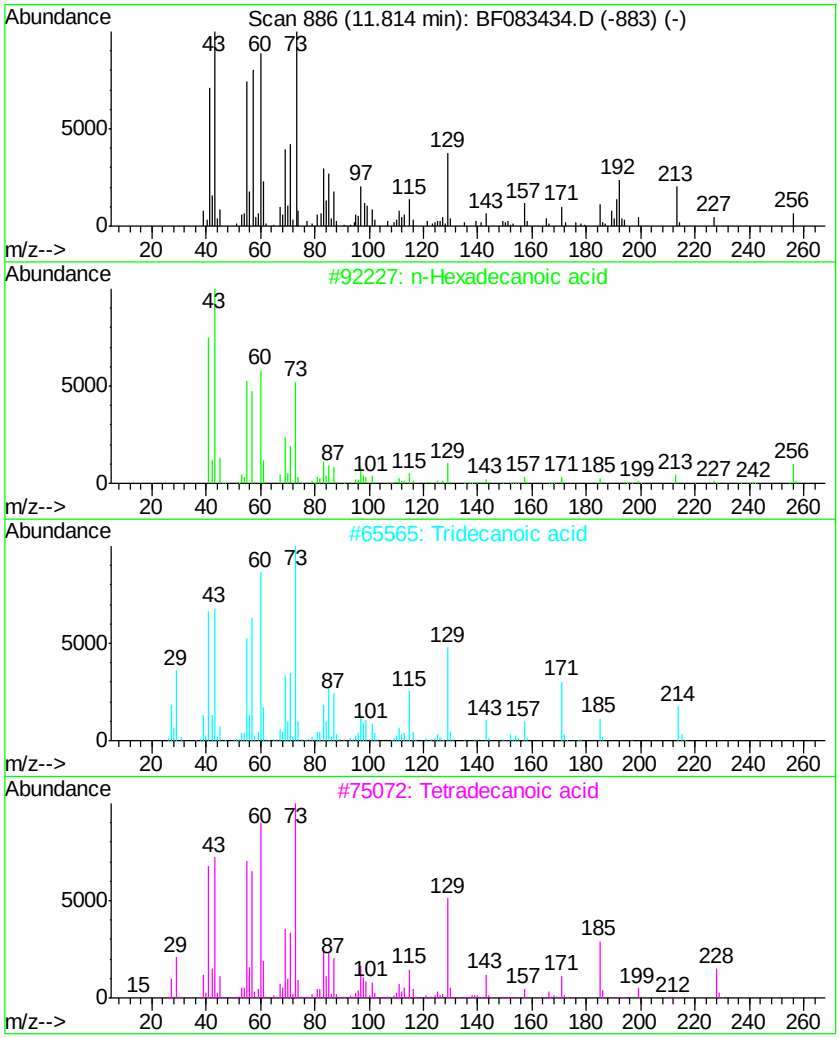
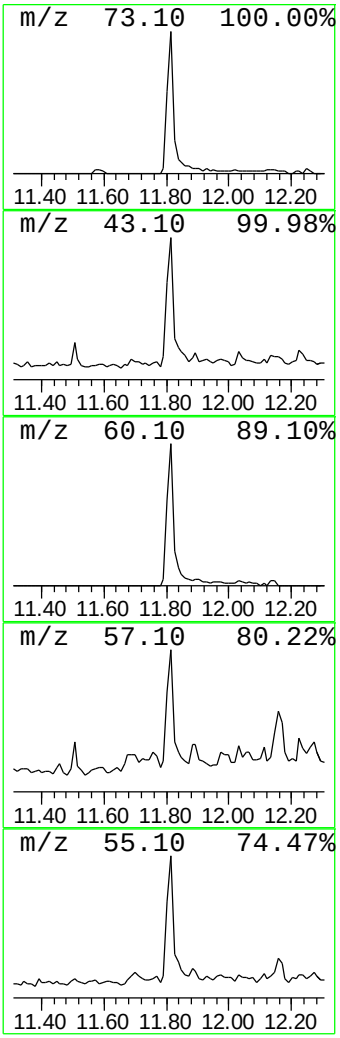
Peak Number 7 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	3.62 ng	329059	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Tridecanoic acid	214	C13H26O2	000638-53-9	76
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Hexadecane	226	C16H34	000544-76-3	11
5	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	11





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Sample : G4582-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-05(0-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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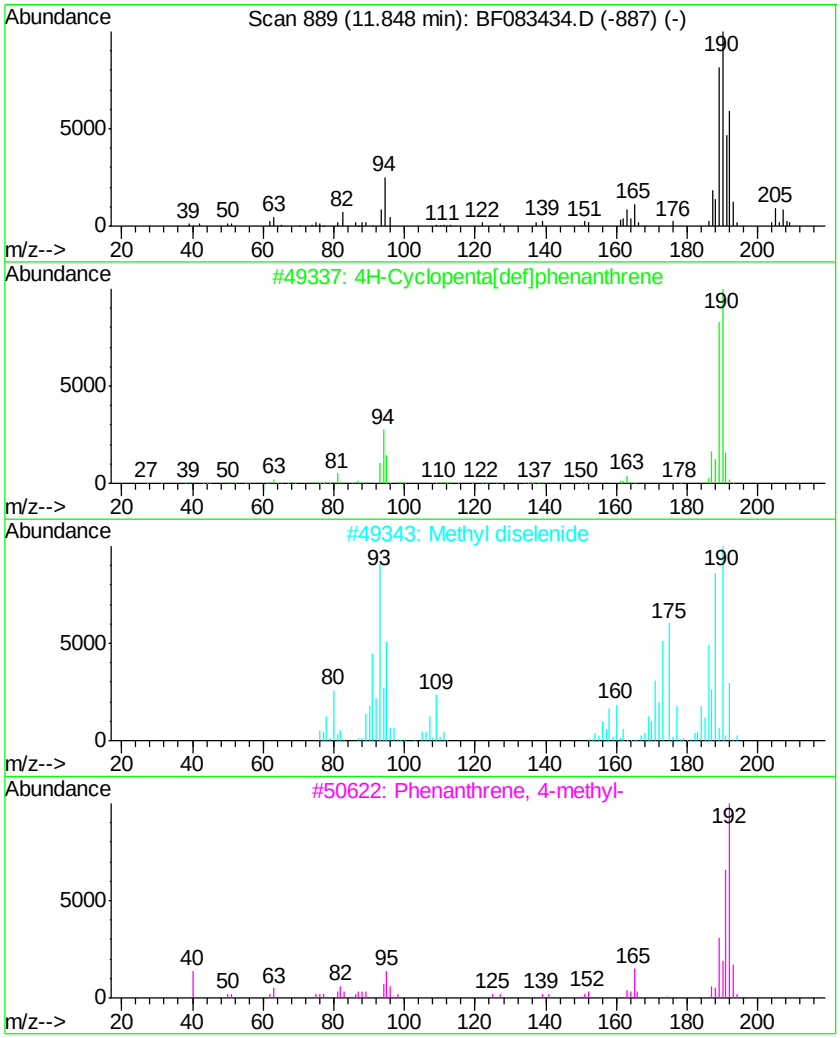
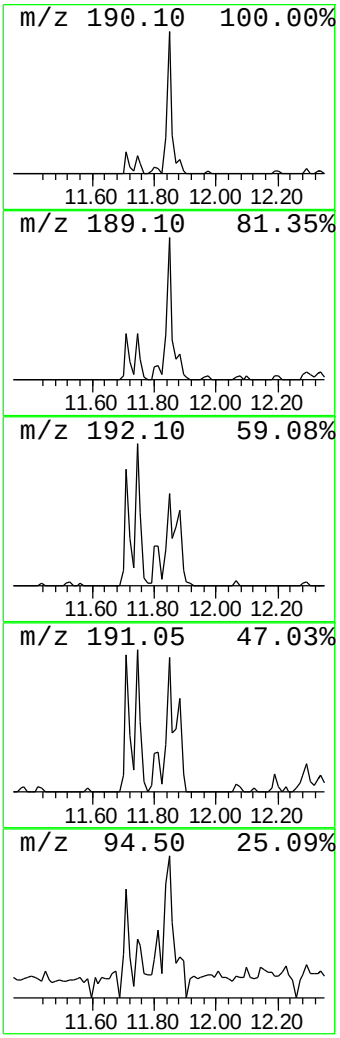
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	2.14 ng	194599	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
2	Methyl diselenide	190	C2H6Se2	007101-31-7	41
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	30
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30





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Data File : BF083434.D
Acq On : 2 Dec 2015 23:21
Operator : UM/IZ
Sample : G4582-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-05(0-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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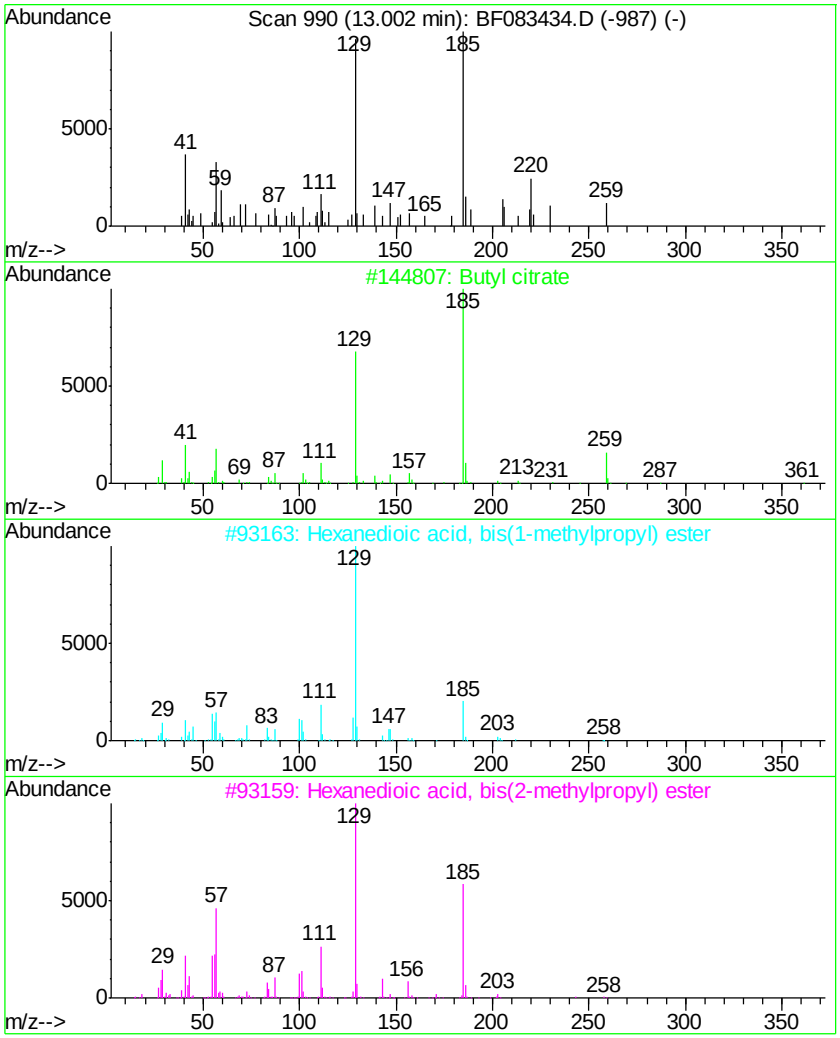
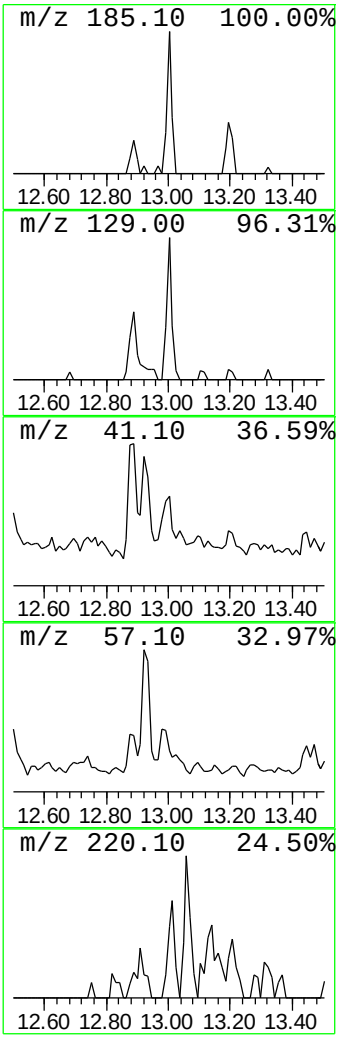
Peak Number 9 Butyl citrate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	2.15 ng	153302	Chrysene-d12	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl citrate	360	C18H32O7	000077-94-1	59
2	Hexanedioic acid, bis(1-methylpr...	258	C14H26O4	038447-22-2	42
3	Hexanedioic acid, bis(2-methylpr...	258	C14H26O4	000141-04-8	40
4	Hexanedioic acid, dibutyl ester	258	C14H26O4	000105-99-7	40
5	[1,1'-Biphenyl]-4-ol, 3-amino-	185	C12H11NO	001134-36-7	27





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083434.D
Acq On : 2 Dec 2015 23:21
Operator : UM/IZ
Sample : G4582-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-05(0-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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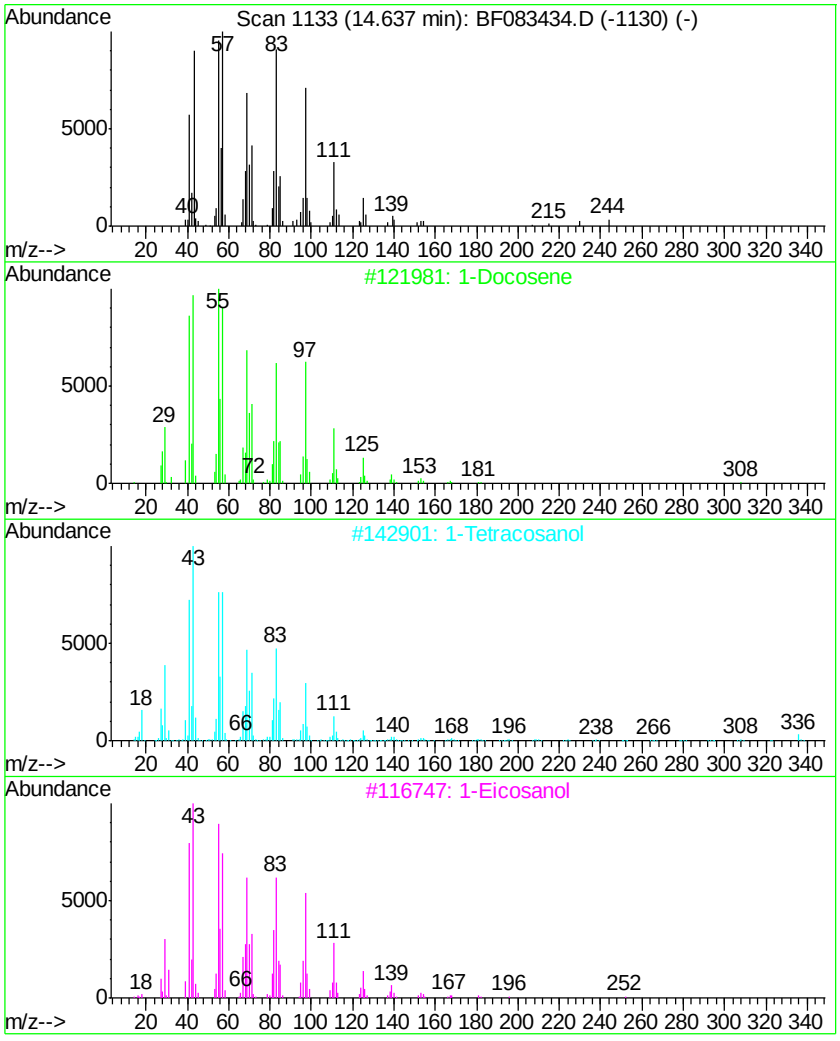
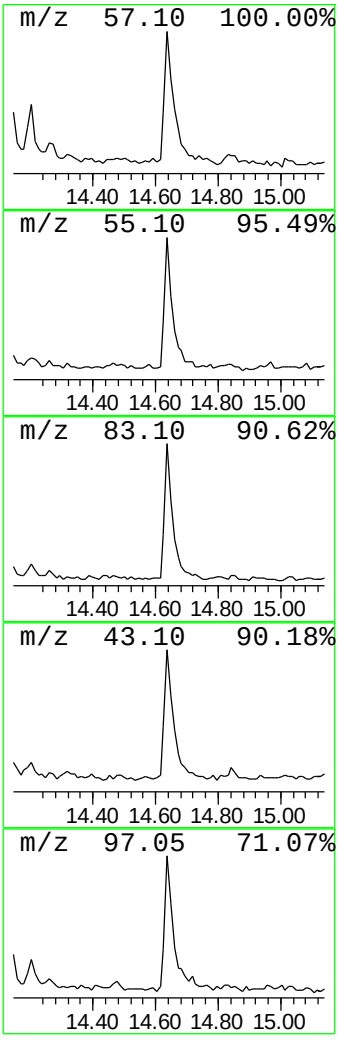
Peak Number 10 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	3.79 ng	270492	Chrysene-d12	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	93
2	1-Tetracosanol	354	C24H50O	000506-51-4	91
3	1-Eicosanol	298	C20H42O	000629-96-9	90
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	87
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083434.D
Acq On : 2 Dec 2015 23:21
Operator : UM/IZ
Sample : G4582-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-05(0-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

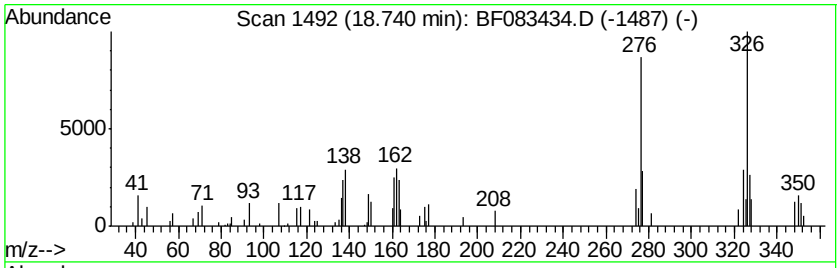
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

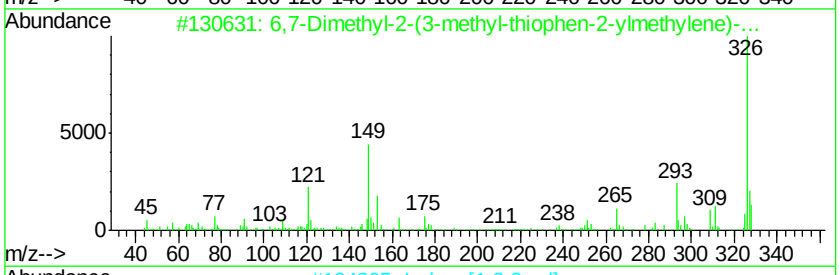
****

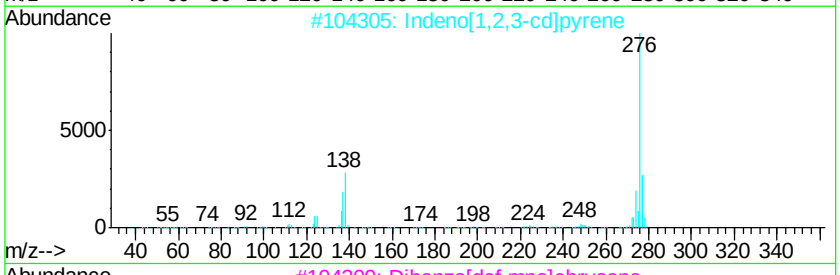
Peak Number 12 unknown18.74 Concentration Rank 8

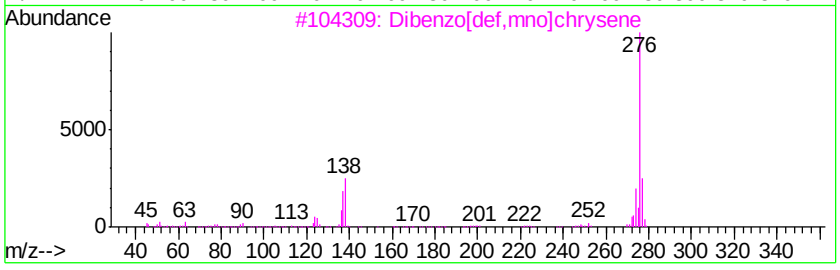
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	2.79 ng	135166	Perylene-d12	16.79

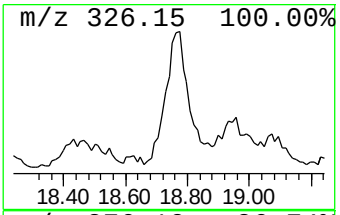
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,7-Dimethyl-2-(3-methyl-thiophe...	326	C17H14N2OS2	1000297-09-9	27
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	25
3	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	25
4	Phenol, 4-[2,3-dihydro-7-methoxy...	326	C20H22O4	002680-81-1	22
5	Acenaphtho[1,2-j]fluoranthene	326	C26H14	000193-21-5	22

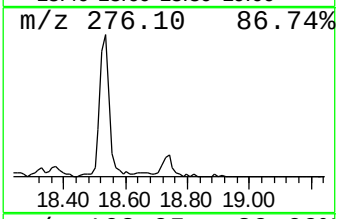


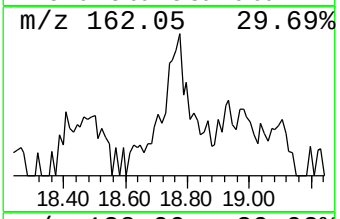


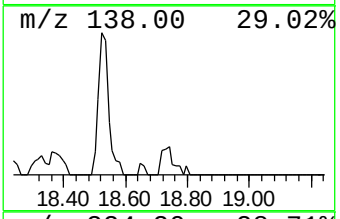


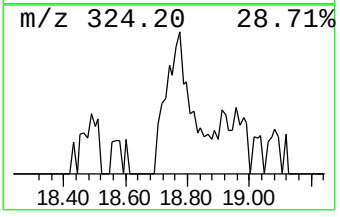












Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083434.D
Acq On : 2 Dec 2015 23:21
Operator : UM/IZ
Sample : G4582-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-05(0-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.65	42.2	ng	2127750	1	6.53	1007890	20.0
Benzene, 1,3-dime...	5.05	2.5	ng	123755	1	6.53	1007890	20.0
Pentadecane	10.03	2.8	ng	210522	3	9.57	1496350	20.0
Hexadecane	10.51	3.1	ng	286064	4	11.11	1816990	20.0
n-Hexadecanoic acid	11.81	3.6	ng	329059	4	11.11	1816990	20.0
4H-Cyclopenta[def...	11.85	2.1	ng	194599	4	11.11	1816990	20.0
Butyl citrate	13.00	2.1	ng	153302	5	14.73	1427510	20.0
1-Docosene	14.64	3.8	ng	270492	5	14.73	1427510	20.0
unknown18.74	18.74	2.8	ng	135166	6	16.79	969075	20.0