LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100297.D
Acq On : 8 Nov 2017 17:49
Operator : SJ/JU
Sample : I6351-01 100X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUMS-1-7

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-BF110817.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	6.898	814	818	822	rVB	1453098	1146908	43.35%	6.596%
2	8.180	1032	1036	1039	rVB	1914468	1514708	57.26%	8.711%
3	9.333	1229	1232	1235	rBV	29483	28401	1.07%	0.163%
4	9.645	1282	1285	1289	rBV3	64646	60743	2.30%	0.349%
5	9.804	1307	1312	1314	rBV4	34168	37127	1.40%	0.214%
6	9.845	1317	1319	1324	rVB2	62084	66696	2.52%	0.384%
7	9.933	1328	1334	1338	rVV	1711192	1635649	61.83%	9.407%
8	10.069	1355	1357	1360	rBV	71979	53318	2.02%	0.307%
9	10.121	1363	1366	1369	rVB	64856	56253	2.13%	0.324%
10	10.227	1380	1384	1386	rBV	62536	56222	2.13%	0.323%
11	10.345	1399	1404	1410	rVB5	82565	116727	4.41%	0.671%
12	10.416	1414	1416	1420	rVB	125031	101120	3.82%	0.582%
13	10.474	1424	1426	1430	rBV5	27564	33685	1.27%	0.194%
14	10.533	1433	1436	1437	rBV	117157	89510	3.38%	0.515%
15	10.551	1437	1439	1441	rVB	207962	143466	5.42%	0.825%
16	10.604	1446	1448	1452	rVB	165172	134429	5.08%	0.773%
17	10.686	1457	1462	1463	rBV5	19094	32410	1.23%	0.186%
18	10.721	1465	1468	1470	rBV	193675	143930	5.44%	0.828%
19	10.845	1485	1489	1492	rBV2	137640	157065	5.94%	0.903%
20	10.904	1496	1499	1504	rBV	310159	279312	10.56%	1.606%
21	10.986	1510	1513	1515	rBV	190414	160806	6.08%	0.925%
22	11.010	1515	1517	1522	rVB	218414	170528	6.45%	0.981%
23	11.074	1525	1528	1531	rVB	154604	117099	4.43%	0.673%
24	11.163	1540	1543	1544	rBV	39004	40735	1.54%	0.234%
25	11.186	1544	1547	1552	rVV	171831	175405	6.63%	1.009%
26	11.286	1561	1564	1566	rBV2	52896	61606	2.33%	0.354%
27	11.316	1566	1569	1573	rVB	91690	98779	3.73%	0.568%
28	11.363	1574	1577	1580	rBV	255894	205738	7.78%	1.183%
29	11.421	1583	1587	1590	rBV	1830426	1562897	59.08%	8.988%
30	11.457	1590	1593	1595	rVV	87427	69966	2.64%	0.402%
31	11.516	1601	1603	1607	rBV	84266	86425	3.27%	0.497%
32	11.633	1620	1623	1625	rBV	104929	100704	3.81%	0.579%
33	11.804	1649	1652	1655	rVB	149816	121233	4.58%	0.697%
34	14.062	2033	2036	2044	rBV	1004176	1019757	38.55%	5.865%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100297.D
Acq On : 8 Nov 2017 17:49
Operator : SJ/JU
Sample : I6351-01 100X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUMS-1-7

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-BF110817.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.551	2286	2289	2300	rVB2	731176	1230821	46.52%	7.079%
36	15.703	2312	2315	2320	rVB2	537126	802002	30.32%	4.612%
37	16.286	2409	2414	2430	rVB	1083852	2645546	100.00%	15.215%
38	16.733	2484	2490	2497	rVB	1234392	2289820	86.55%	13.169%
39	17.321	2586	2590	2596	rVB	295239	540289	20.42%	3.107%

Sum of corrected areas: 17387835

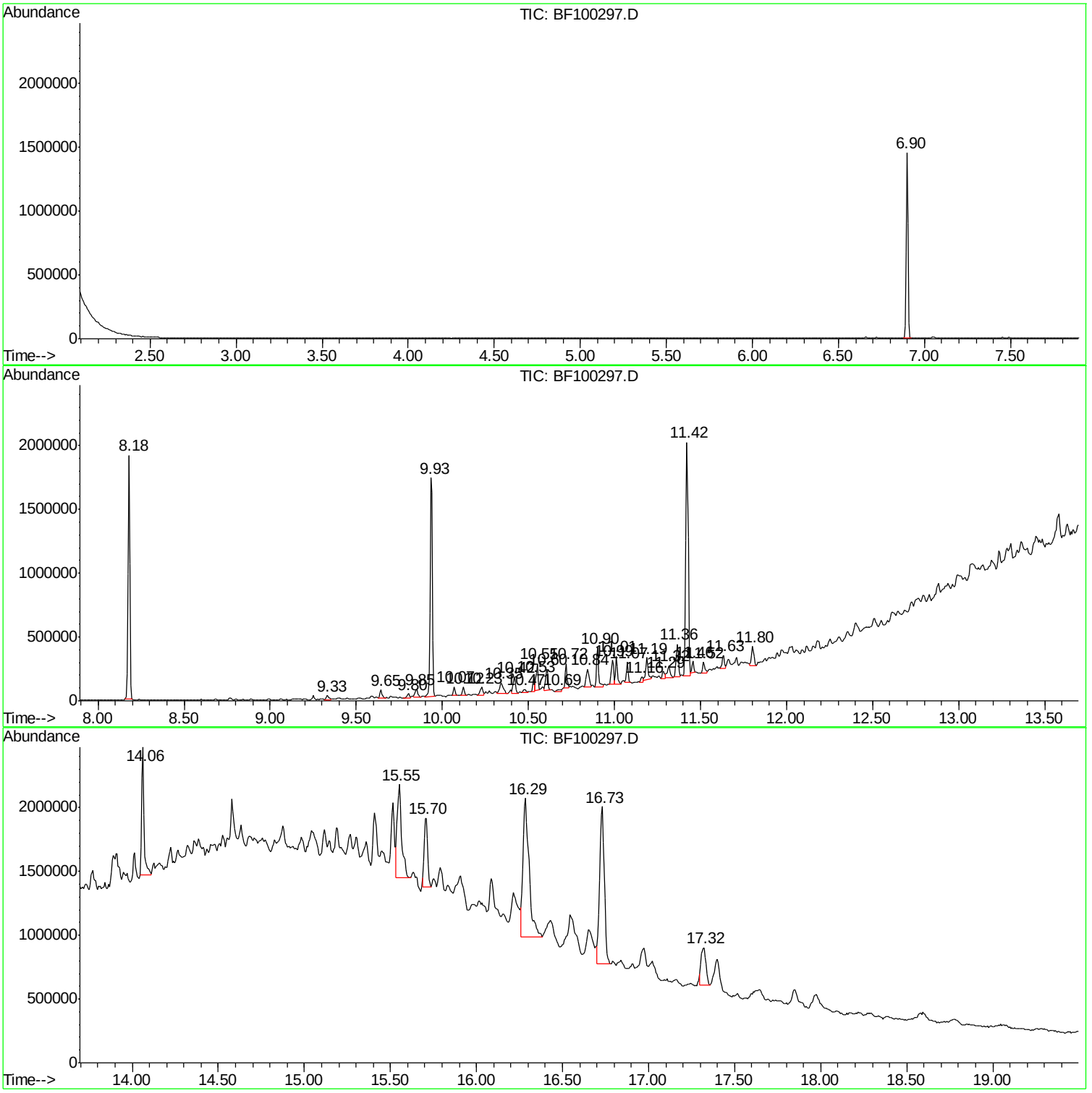
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100297.D
Acq On : 8 Nov 2017 17:49
Operator : SJ/JU
Sample : I6351-01 100X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUMS-1-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100297.D
Acq On : 8 Nov 2017 17:49
Operator : SJ/JU
Sample : I6351-01 100X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUMS-1-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

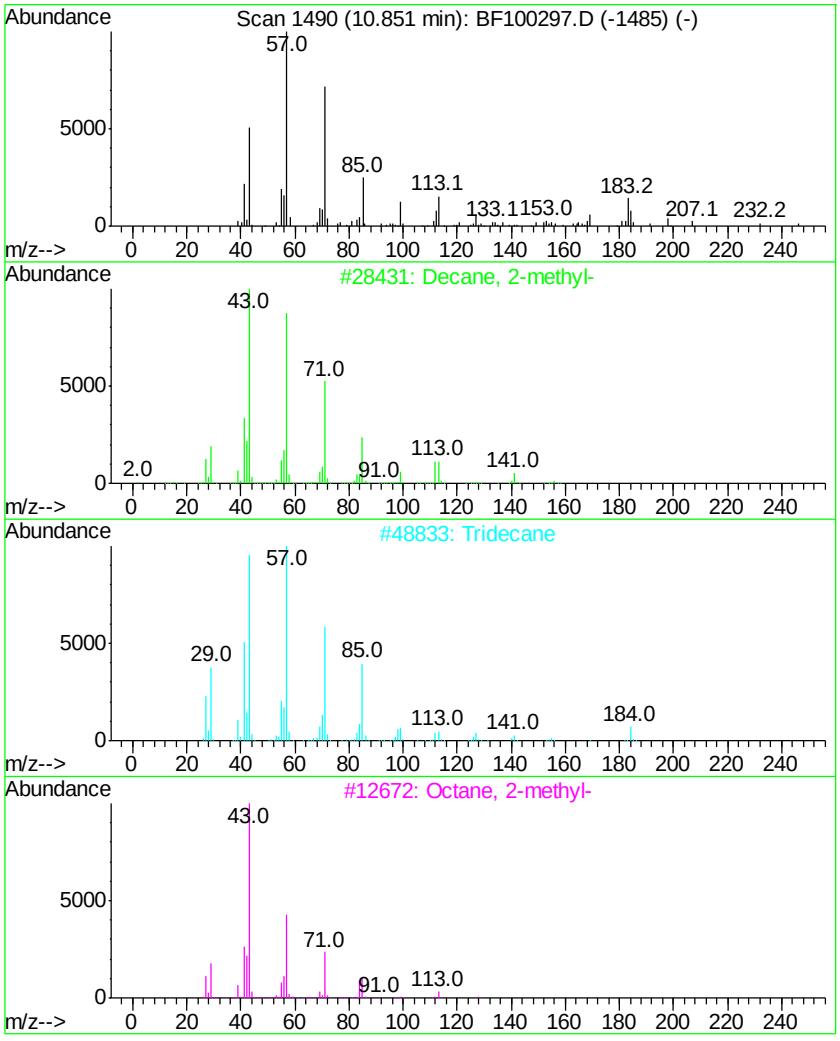
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

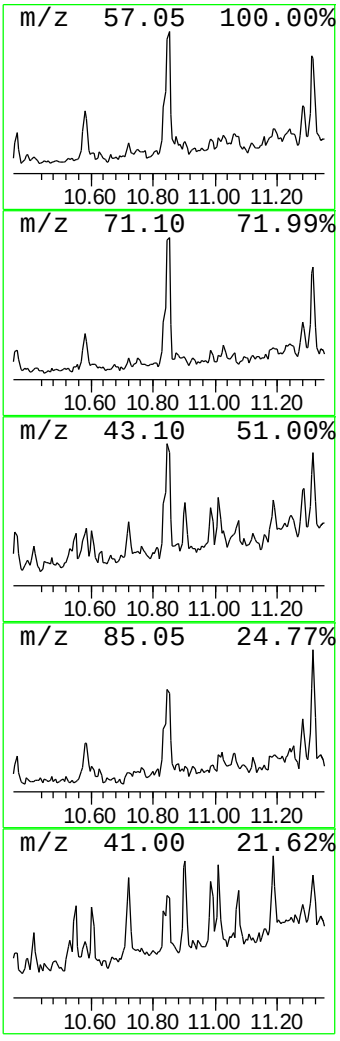
****

Peak Number 1 Decane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	2.01 ng	157065	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	53
2	Tridecane	184	C13H28	000629-50-5	53
3	Octane, 2-methyl-	128	C9H20	003221-61-2	49
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	49
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	49





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100297.D
Acq On : 8 Nov 2017 17:49
Operator : SJ/JU
Sample : I6351-01 100X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUMS-1-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

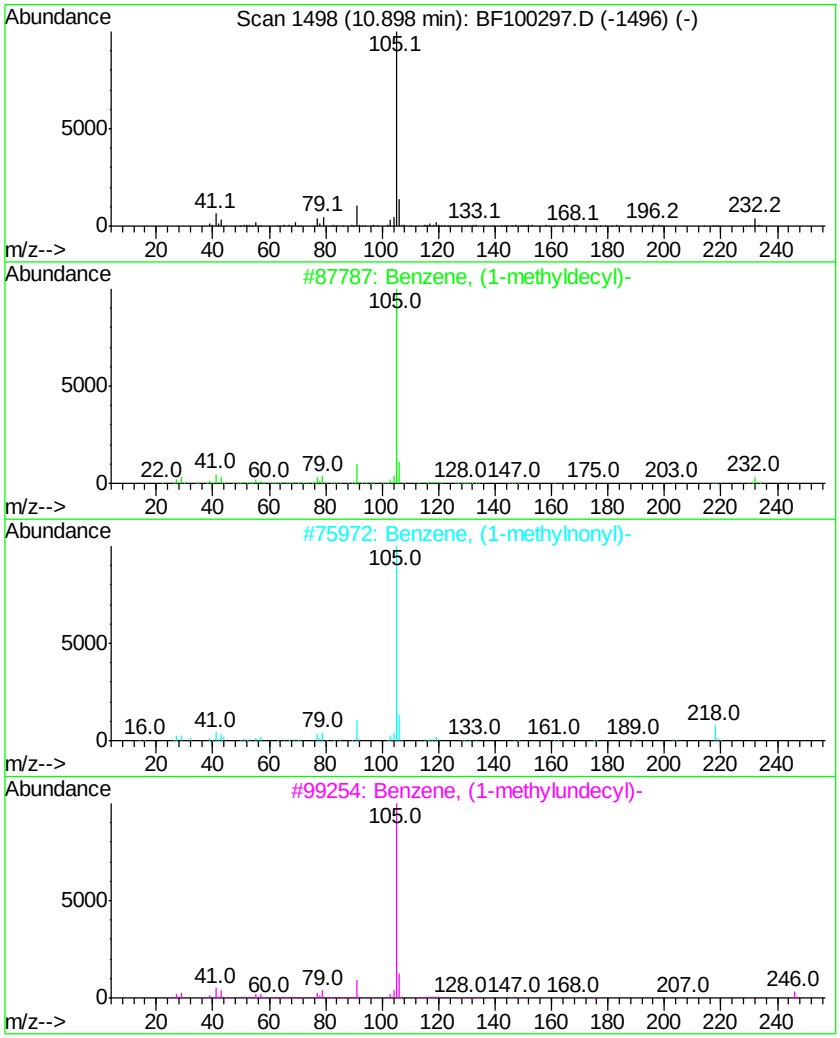
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

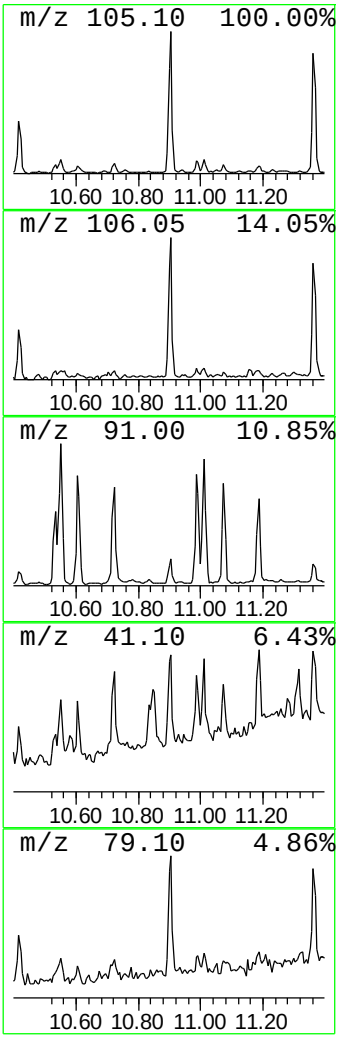
****

Peak Number 2 Benzene, (1-methyldecyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	3.57 ng	279312	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	87
2	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	64
3	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	64
4	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	59
5	Benzene, [1-[[1-(1-methylethyl)-...	218	C15H22O	098088-51-8	43





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100297.D
Acq On : 8 Nov 2017 17:49
Operator : SJ/JU
Sample : I6351-01 100X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUMS-1-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

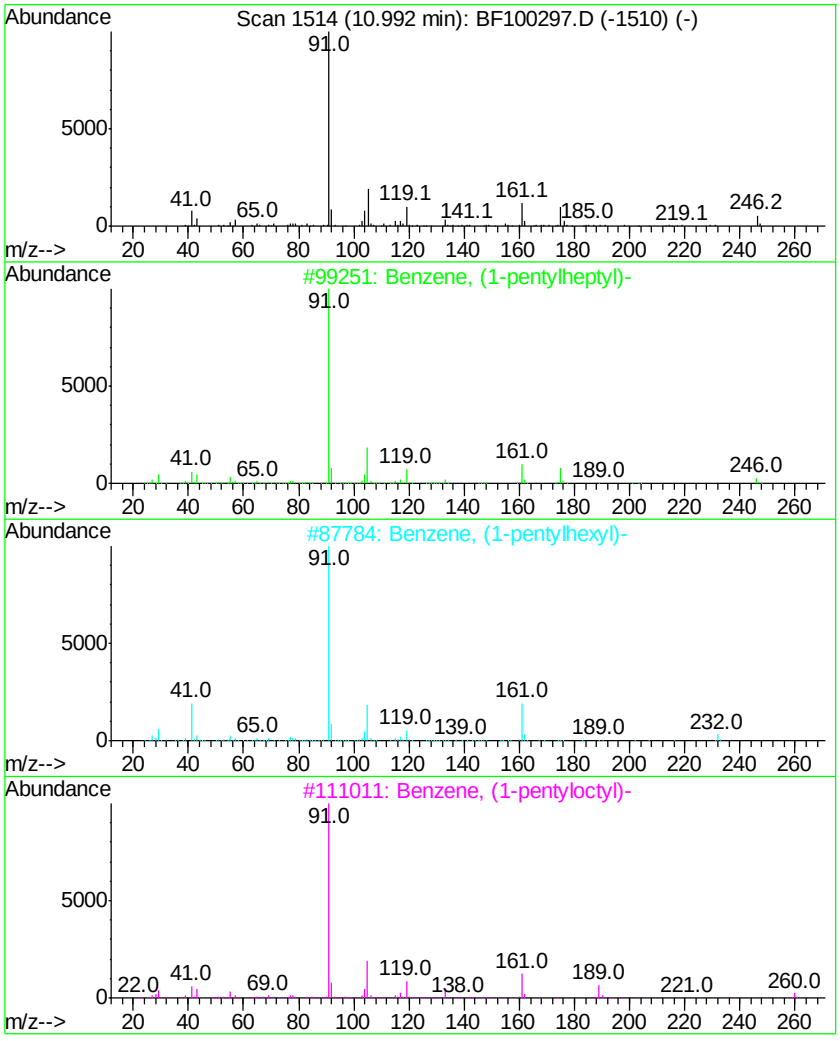
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

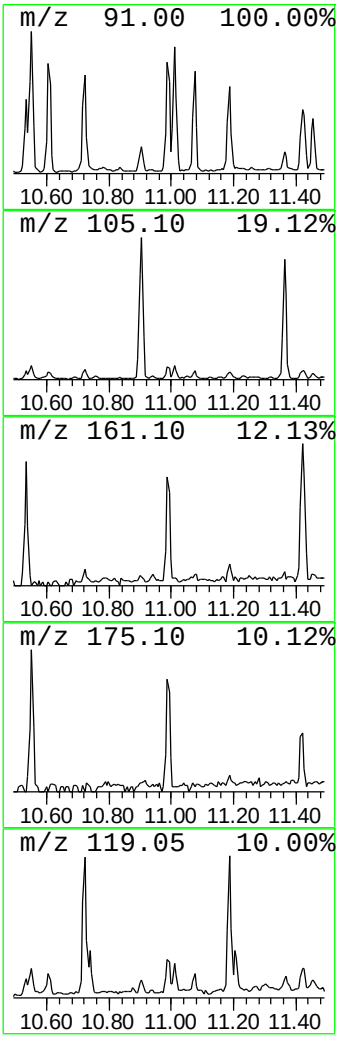
****

Peak Number 3 Benzene, (1-pentylheptyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	2.06 ng	160806	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-pentylheptyl)-	246	C18H30	002719-62-2	93
2	Benzene, (1-pentylhexyl)-	232	C17H28	004537-14-8	59
3	Benzene, (1-pentyloctyl)-	260	C19H32	004534-49-0	59
4	Benzene, (1-hexylheptyl)-	260	C19H32	002400-01-3	45
5	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	43





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100297.D
Acq On : 8 Nov 2017 17:49
Operator : SJ/JU
Sample : I6351-01 100X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUMS-1-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

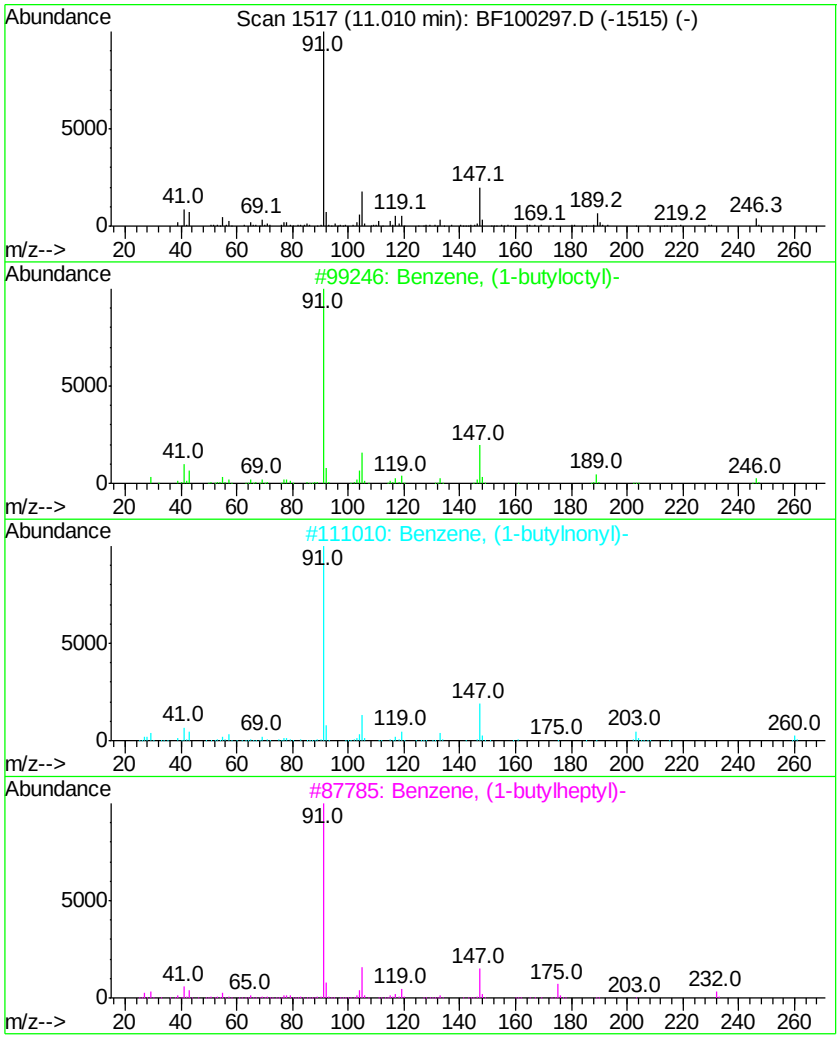
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

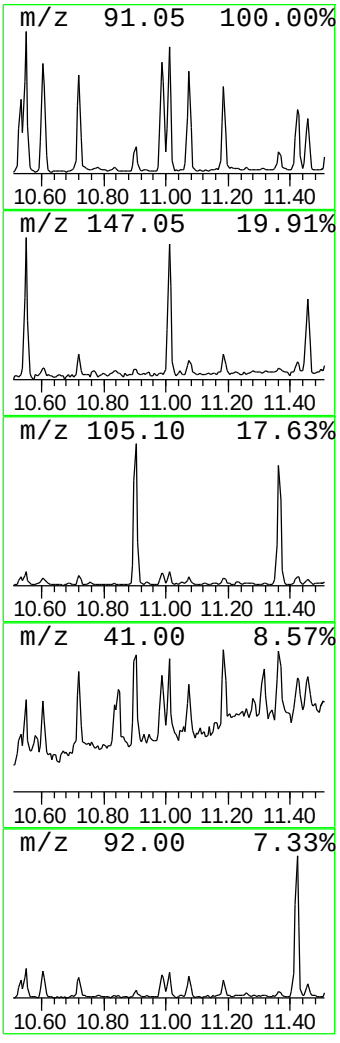
****

Peak Number 4 Benzene, (1-butyloctyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	2.18 ng	170528	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-butyloctyl)-	246	C18H30	002719-63-3	97
2	Benzene, (1-butylnonyl)-	260	C19H32	004534-50-3	59
3	Benzene, (1-butylheptyl)-	232	C17H28	004537-15-9	53
4	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	52
5	Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	47





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100297.D
Acq On : 8 Nov 2017 17:49
Operator : SJ/JU
Sample : I6351-01 100X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUMS-1-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

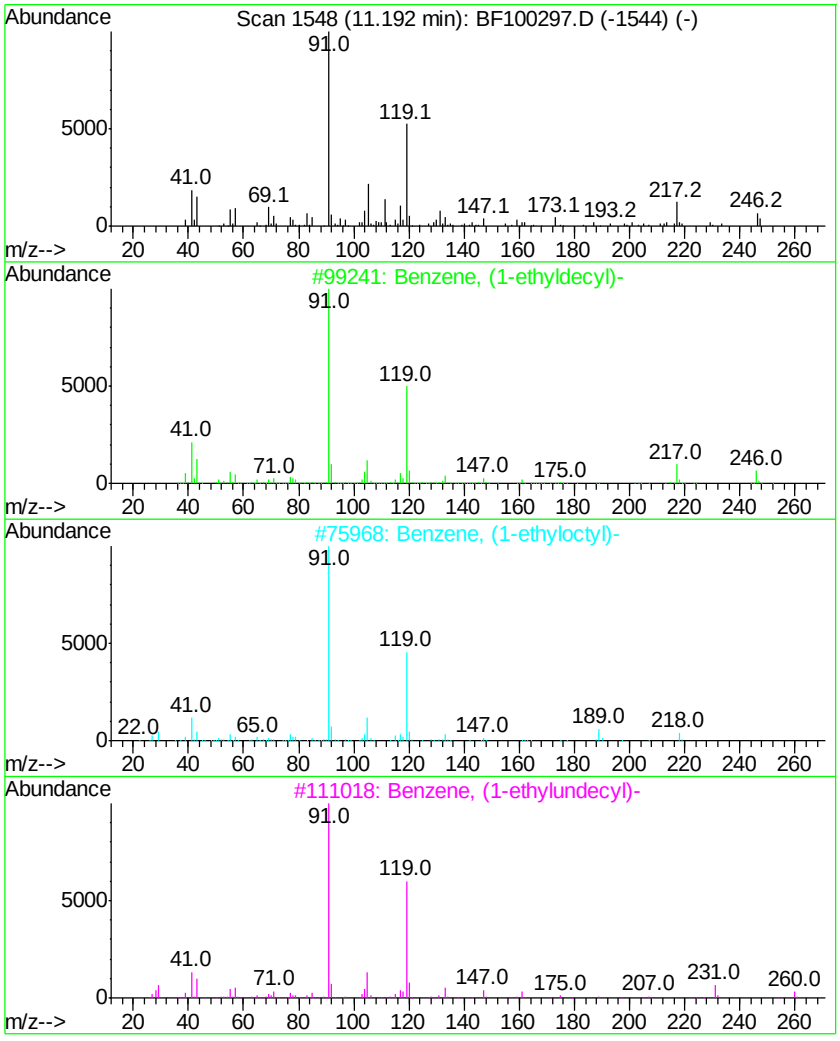
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

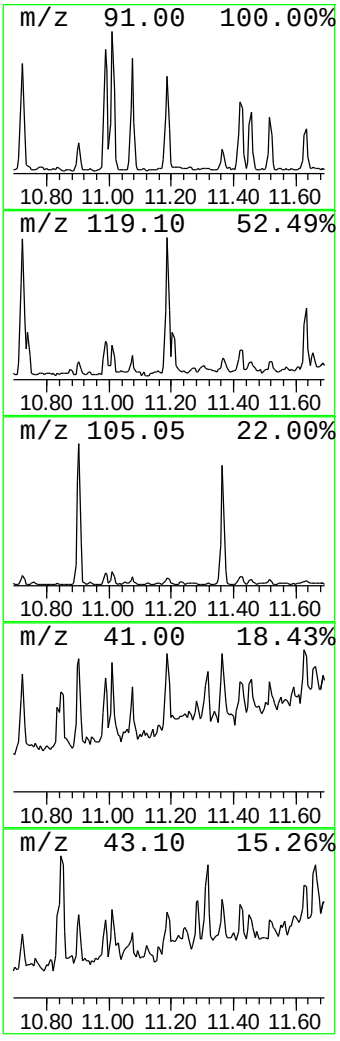
****

Peak Number 5 Benzene, (1-ethyldecyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	2.24 ng	175405	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	97
2	Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	80
3	Benzene, (1-ethylundecyl)-	260	C19H32	004534-52-5	59
4	2-Phenylbutyryl chloride	182	C10H11ClO	036854-57-6	47
5	2-phenylbutyric acid, 2,2,2-trif...	246	C12H13F3O2	1000376-55-3	42





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100297.D
Acq On : 8 Nov 2017 17:49
Operator : SJ/JU
Sample : I6351-01 100X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUMS-1-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

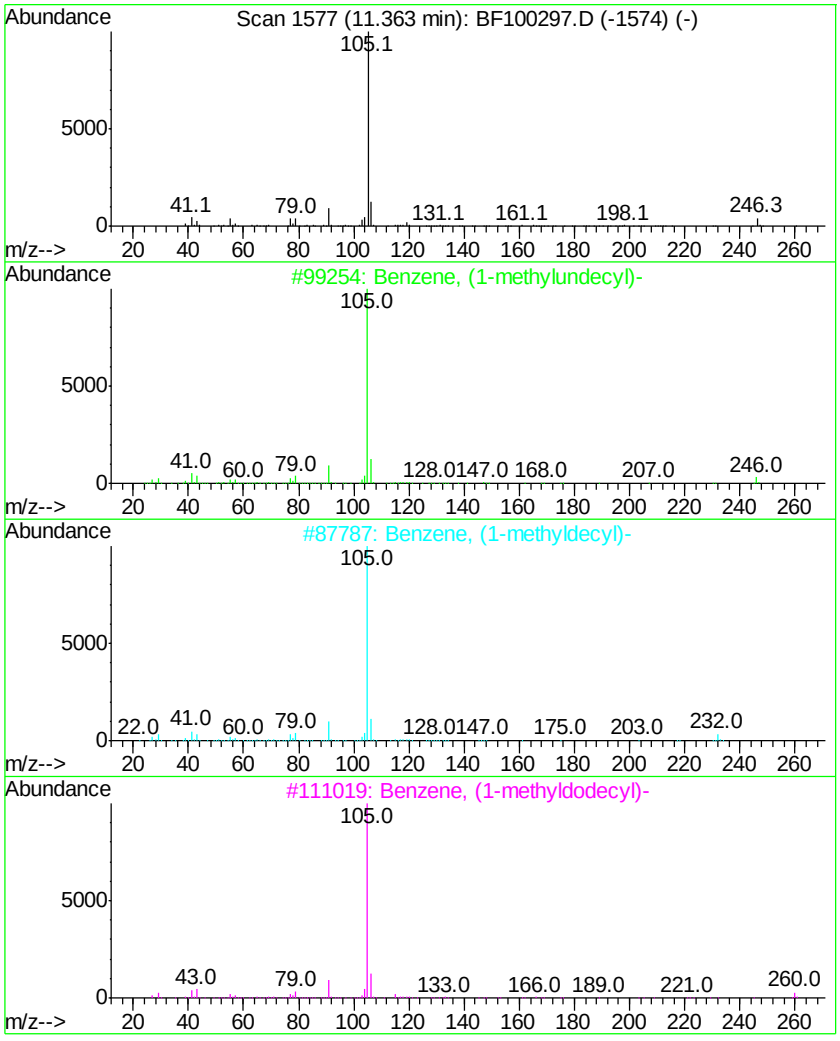
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

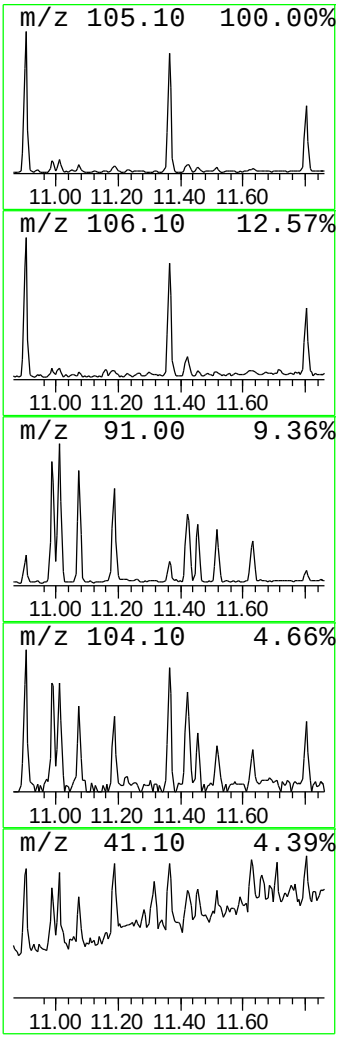
****

Peak Number 6 Benzene, (1-methylundecyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	2.63 ng	205738	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	81
2	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	53
3	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	53
4	Benzene, (1-methylheptyl)-	190	C14H22	000777-22-0	53
5	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	53





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100297.D
Acq On : 8 Nov 2017 17:49
Operator : SJ/JU
Sample : I6351-01 100X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUMS-1-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

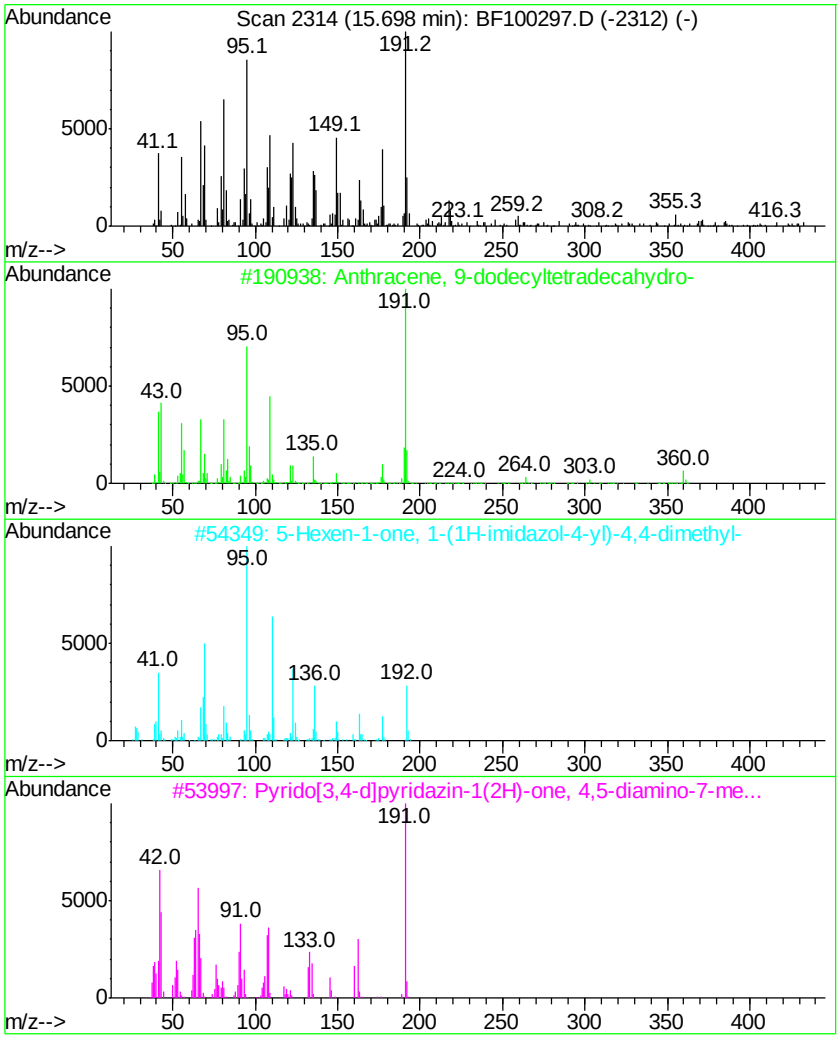
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

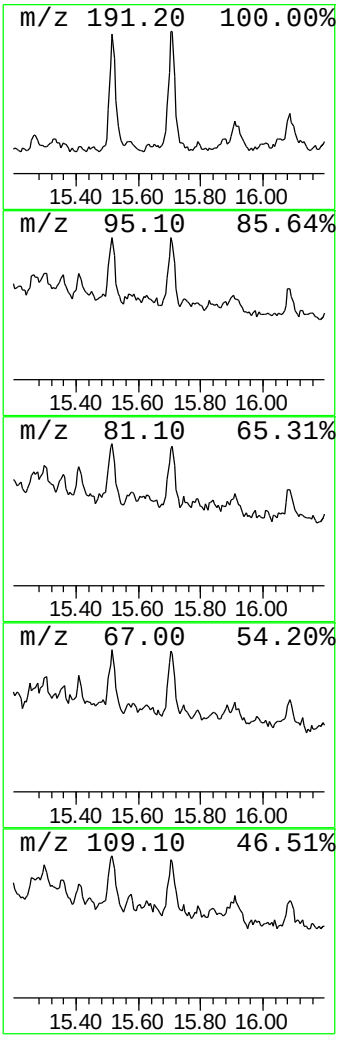
****

Peak Number 7 Anthracene, 9-dodecyltetrad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	13.03 ng	802002	Perylene-d12	15.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	50
2	5-Hexen-1-one, 1-(1H-imidazol-4-...	192	C11H16N2O	069393-41-5	30
3	Pyrido[3,4-d]pyridazin-1(2H)-one...	191	C8H9N5O	1000263-69-7	25
4	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	18
5	17.alfa.,21.beta.-28,30-Bisnorho...	384	C28H48	1000360-26-1	14





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100297.D
Acq On : 8 Nov 2017 17:49
Operator : SJ/JU
Sample : I6351-01 100X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUMS-1-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

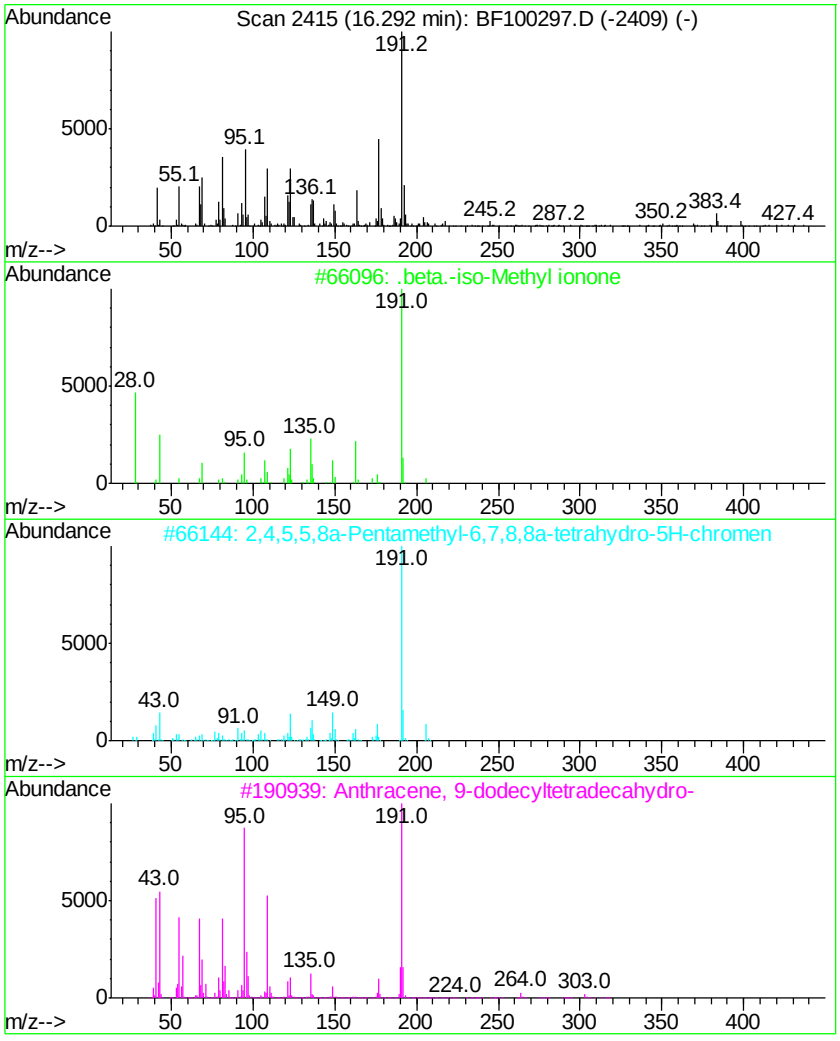
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

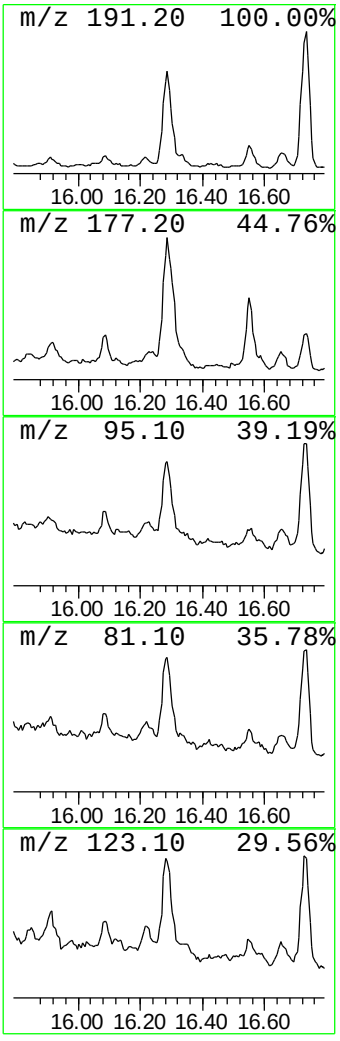
****

Peak Number 8 unknown16.29 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	42.99 ng	2645550	Perylene-d12	15.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	43
2	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	43
3	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	40
4	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	35
5	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	32





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100297.D
Acq On : 8 Nov 2017 17:49
Operator : SJ/JU
Sample : I6351-01 100X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUMS-1-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

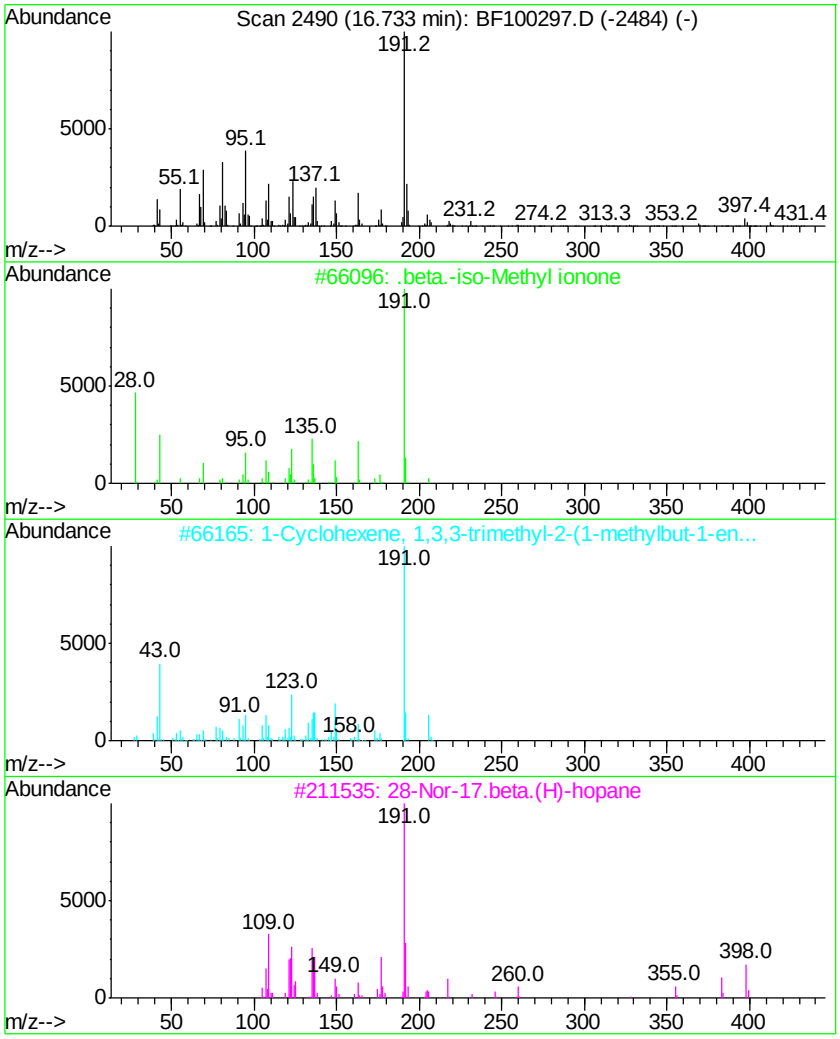
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

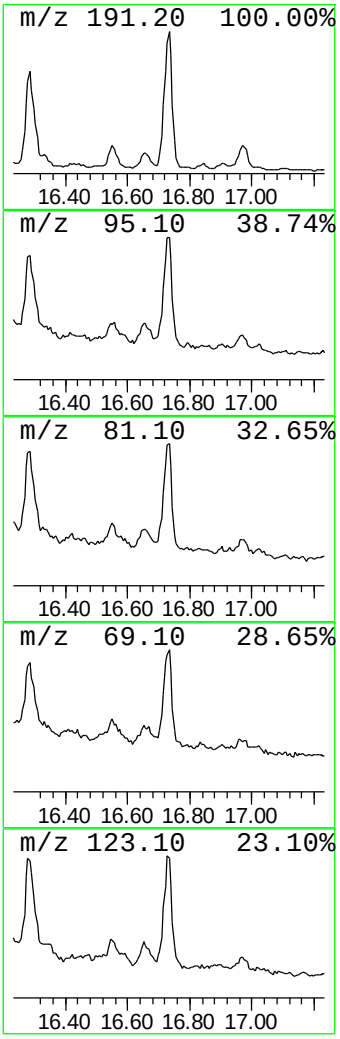
****

Peak Number 9 .beta.-iso-Methyl ionone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	37.21 ng	2289820	Perylene-d12	15.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	53
2	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	50
3	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	50
4	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	45
5	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	38





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100297.D
Acq On : 8 Nov 2017 17:49
Operator : SJ/JU
Sample : I6351-01 100X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUMS-1-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

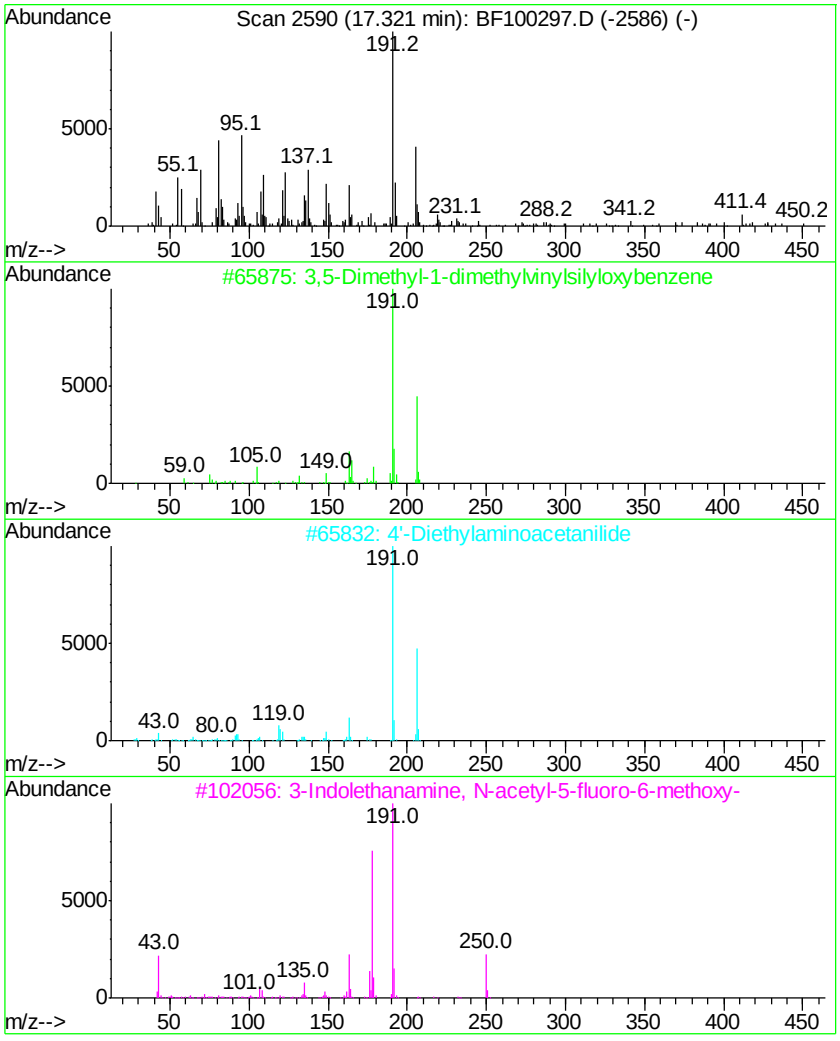
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

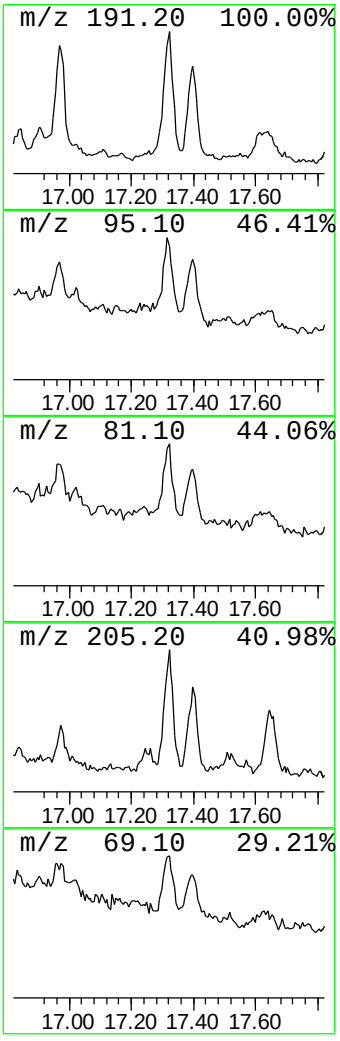
****

Peak Number 10 unknown17.32 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.32	8.78 ng	540289	Perylene-d12	15.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyl-1-dimethylvinylsilv...	206	C12H18OSi	1000307-91-8	35
2	4'-Diethylaminoacetanilide	206	C12H18N2O	005326-57-8	27
3	3-Indolethanamine, N-acetyl-5-fl...	250	C13H15FN2O2	1000116-27-1	27
4	4H-Benzo[def]carbazole	191	C14H9N	000203-65-6	27
5	Phenol, 3,5-bis(1,1-dimethylethyl)-	206	C14H22O	001138-52-9	27





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF110817\
Data File : BF100297.D
Acq On : 8 Nov 2017 17:49
Operator : SJ/JU
Sample : I6351-01 100X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUMS-1-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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
Decane, 2-methyl-	10.85	2.0	ng	157065	4	11.42	1562900	20.0
Benzene, (1-methy...	10.90	3.6	ng	279312	4	11.42	1562900	20.0
Benzene, (1-penty...	10.99	2.1	ng	160806	4	11.42	1562900	20.0
Benzene, (1-butyl...	11.01	2.2	ng	170528	4	11.42	1562900	20.0
Benzene, (1-ethyl...	11.19	2.2	ng	175405	4	11.42	1562900	20.0
Benzene, (1-methy...	11.36	2.6	ng	205738	4	11.42	1562900	20.0
Anthracene, 9-dod...	15.70	13.0	ng	802002	6	15.55	1230820	20.0
unknown16.29	16.29	43.0	ng	2645550	6	15.55	1230820	20.0
.beta.-iso-Methyl...	16.73	37.2	ng	2289820	6	15.55	1230820	20.0
unknown17.32	17.32	8.8	ng	540289	6	15.55	1230820	20.0