LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092170.D
Acq On : 10 Jan 2017 5:57
Operator : UM/SJ
Sample : I1056-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-39

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-BF122116.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	3.327	122	126	130	rVV	127076	255860	7.31%	0.755%
2	3.407	130	133	141	rVB2	19112	44107	1.26%	0.130%
3	4.047	187	189	195	rBV3	21523	47048	1.34%	0.139%
4	4.755	249	251	256	rBV	377036	536299	15.33%	1.581%
5	5.178	284	288	292	rBV2	71778	118096	3.37%	0.348%
6	5.247	292	294	302	rBV	1506332	1677369	47.94%	4.946%
7	6.287	382	385	386	rBV	339360	483986	13.83%	1.427%
8	6.310	386	387	394	rVB	918103	1104609	31.57%	3.257%
9	6.413	394	396	399	rBV	2640878	2714021	77.56%	8.003%
10	6.641	413	416	418	rBV	683719	776837	22.20%	2.291%
11	6.790	427	429	434	rBV2	2268374	3122553	89.24%	9.208%
12	6.893	436	438	441	rVV	134217	117980	3.37%	0.348%
13	6.984	442	446	448	rVB	219850	280559	8.02%	0.827%
14	7.213	460	466	468	rBV2	2020598	2986149	85.34%	8.806%
15	7.293	470	473	474	rVV2	64273	66053	1.89%	0.195%
16	7.338	474	477	478	rVB	88536	115381	3.30%	0.340%
17	7.418	482	484	486	rVB	568341	490180	14.01%	1.445%
18	7.498	486	491	492	rVB2	29496	61550	1.76%	0.182%
19	7.578	496	498	504	rBV3	152515	383915	10.97%	1.132%
20	7.670	504	506	508	rBV	1117363	1163855	33.26%	3.432%
21	7.704	508	509	510	rBV	58722	45865	1.31%	0.135%
22	7.761	510	514	516	rVB3	126023	222144	6.35%	0.655%
23	7.807	516	518	519	rVB	51847	55705	1.59%	0.164%
24	7.864	519	523	526	rBV2	71464	150497	4.30%	0.444%
25	7.921	526	528	532	rBV	946933	1348595	38.54%	3.977%
26	7.978	532	533	535	rVB	261901	196240	5.61%	0.579%
27	8.024	535	537	539	rVB2	77663	68647	1.96%	0.202%
28	8.058	539	540	541	rBV	70859	53856	1.54%	0.159%
29	8.081	541	542	544	rBV	53713	71376	2.04%	0.210%
30	8.127	544	546	548	rVB	205016	184327	5.27%	0.544%
31	8.173	548	550	551	rBV	180472	151605	4.33%	0.447%
32	8.196	551	552	556	rVB4	94163	169956	4.86%	0.501%
33	8.276	556	559	560	rBV2	27111	41779	1.19%	0.123%
34	8.310	560	562	565	rVB	129487	149601	4.28%	0.441%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092170.D
Acq On : 10 Jan 2017 5:57
Operator : UM/SJ
Sample : I1056-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-39

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-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.401	565	570	571	rBV2	144165	204733	5.85%	0.604%
36	8.436	571	573	575	rVB	131020	124014	3.54%	0.366%
37	8.493	575	578	579	rBV2	68159	58019	1.66%	0.171%
38	8.516	579	580	582	rVB2	55576	62872	1.80%	0.185%
39	8.584	584	586	588	rVB2	289587	344585	9.85%	1.016%
40	8.641	588	591	593	rVB2	83463	128097	3.66%	0.378%
41	8.744	597	600	602	rBV	432146	642188	18.35%	1.894%
42	8.847	605	609	610	rBV3	58402	136061	3.89%	0.401%
43	8.870	610	611	614	rVB2	47643	78958	2.26%	0.233%
44	8.939	614	617	621	rBV5	82551	173780	4.97%	0.512%
45	9.007	621	623	625	rBV	4087859	3499155	100.00%	10.319%
46	9.121	630	633	635	rVV4	49051	110335	3.15%	0.325%
47	9.156	635	636	639	rVV3	67800	107208	3.06%	0.316%
48	9.213	639	641	642	rVB	57078	63202	1.81%	0.186%
49	9.270	642	646	647	rBV2	95878	140088	4.00%	0.413%
50	9.339	649	652	657	rVB3	186522	370293	10.58%	1.092%
51	9.407	657	658	661	rBV3	36747	60850	1.74%	0.179%
52	9.453	661	662	667	rVB3	75359	152375	4.35%	0.449%
53	9.533	667	669	673	rBV3	37916	54761	1.56%	0.161%
54	9.636	675	678	679	rBV3	34789	56775	1.62%	0.167%
55	9.681	679	682	683	rVV	825956	944452	26.99%	2.785%
56	9.761	686	689	690	rBV2	23010	39990	1.14%	0.118%
57	9.842	694	696	698	rBV2	23222	45039	1.29%	0.133%
58	10.002	708	710	712	rBV2	47344	63040	1.80%	0.186%
59	10.059	712	715	717	rVV2	39480	56563	1.62%	0.167%
60	10.104	717	719	722	rVB2	57412	63623	1.82%	0.188%
61	10.219	727	729	734	rVB3	59043	95480	2.73%	0.282%
62	10.379	741	743	745	rVB2	25253	40989	1.17%	0.121%
63	10.470	748	751	753	rBV	811007	835057	23.86%	2.462%
64	10.596	760	762	765	rVB2	57142	76579	2.19%	0.226%
65	11.042	796	801	805	rBV3	30592	77796	2.22%	0.229%
66	11.156	809	811	814	rBV	1023649	897026	25.64%	2.645%
67	11.373	828	830	832	rBV	33980	39765	1.14%	0.117%
68	11.727	857	861	864	rBV3	33258	74430	2.13%	0.219%
69	12.127	893	896	900	rVB2	18933	41842	1.20%	0.123%
70	12.482	920	927	929	rBV4	37504	107782	3.08%	0.318%
71	12.527	929	931	933	rVB2	40515	49382	1.41%	0.146%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092170.D
Acq On : 10 Jan 2017 5:57
Operator : UM/SJ
Sample : I1056-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-39

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-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.630	938	940	943	rVB	38856	45018	1.29%	0.133%
73	12.745	947	950	953	rBV	3153063	2925707	83.61%	8.628%
74	13.533	1017	1019	1022	rBV2	30929	41686	1.19%	0.123%
75	13.648	1027	1029	1031	rBV2	30615	52610	1.50%	0.155%
76	13.785	1039	1041	1044	rBV	625976	646015	18.46%	1.905%
77	15.168	1159	1162	1164	rBV	313010	428222	12.24%	1.263%
78	18.345	1438	1440	1442	rBV2	108436	197929	5.66%	0.584%

Sum of corrected areas: 33910971

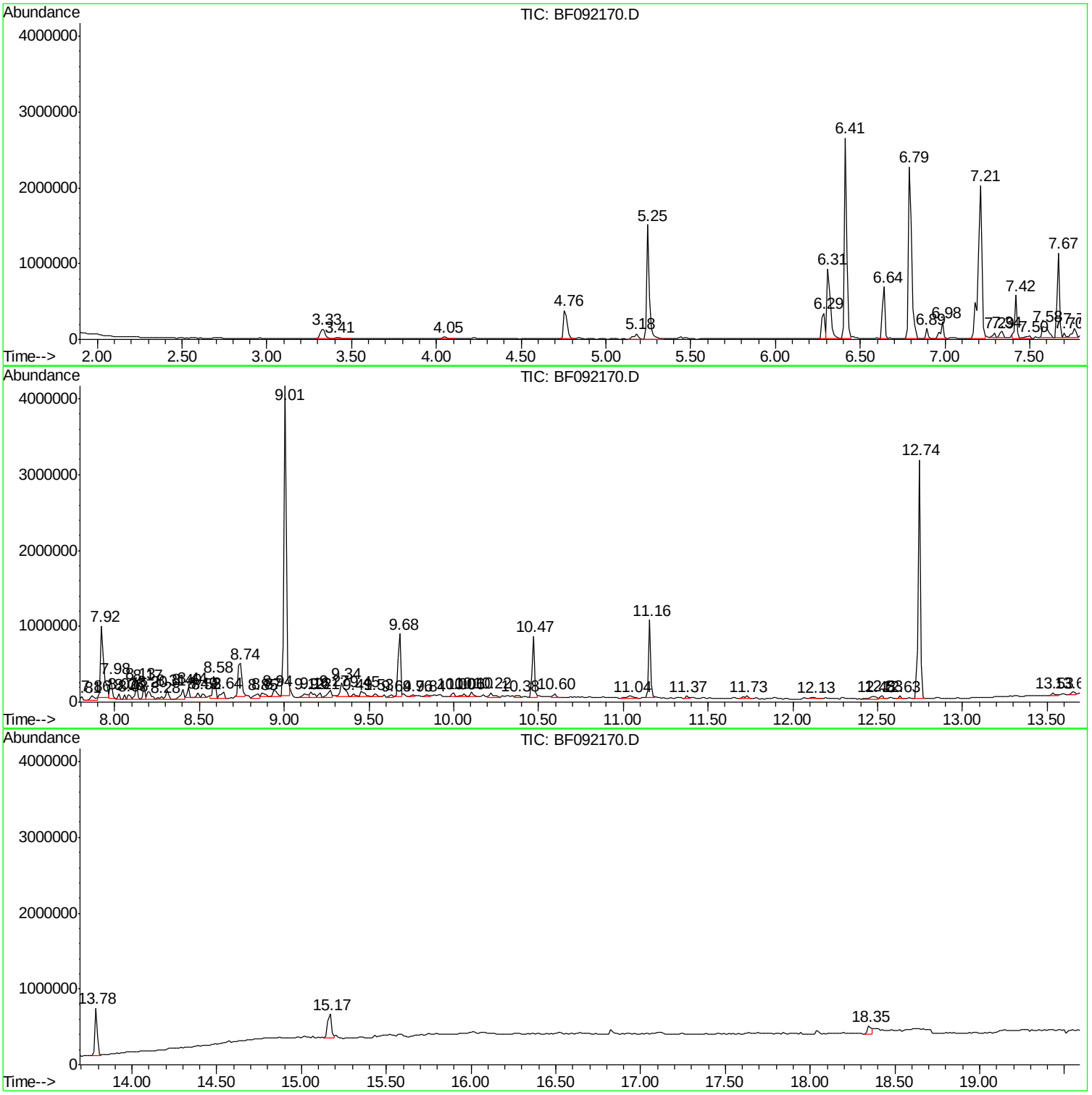
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092170.D
Acq On : 10 Jan 2017 5:57
Operator : UM/SJ
Sample : I1056-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-39

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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\BF010917\
Data File : BF092170.D
Acq On : 10 Jan 2017 5:57
Operator : UM/SJ
Sample : I1056-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-39

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

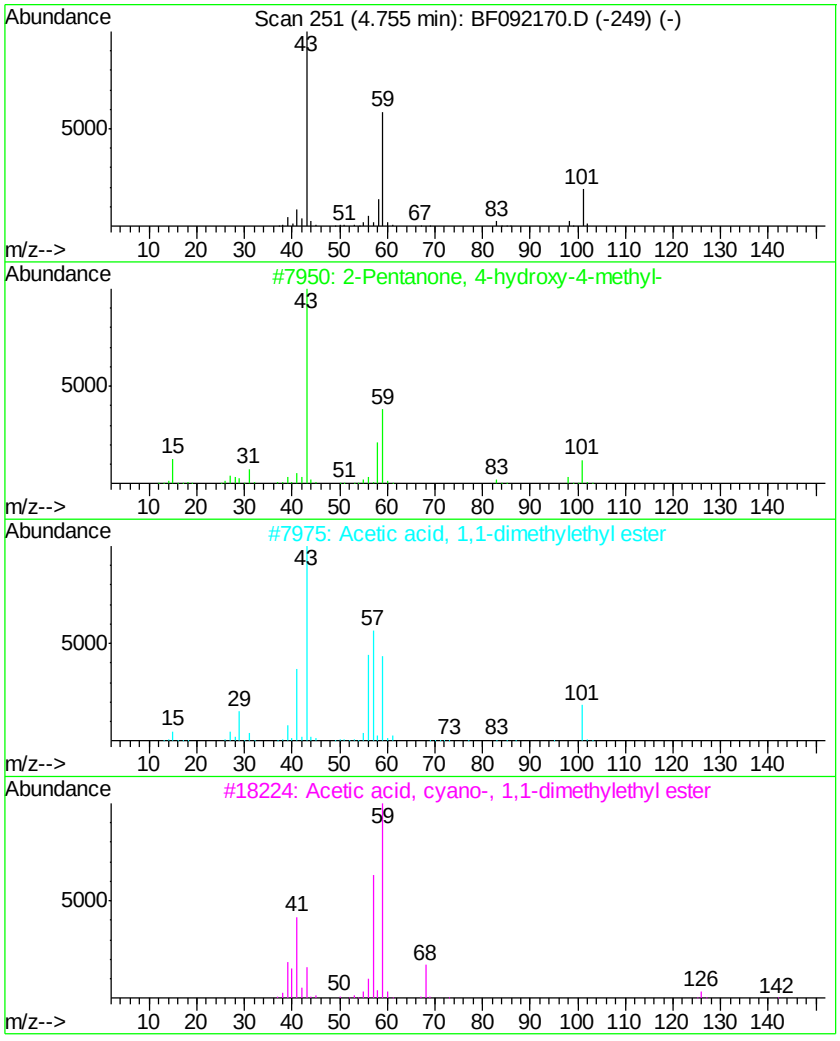
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

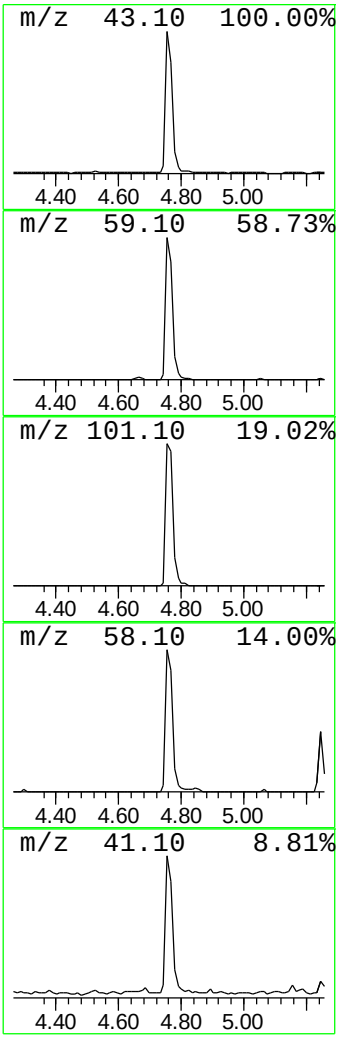
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	13.81 ng	536299	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
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\BF010917\
Data File : BF092170.D
Acq On : 10 Jan 2017 5:57
Operator : UM/SJ
Sample : I1056-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-39

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

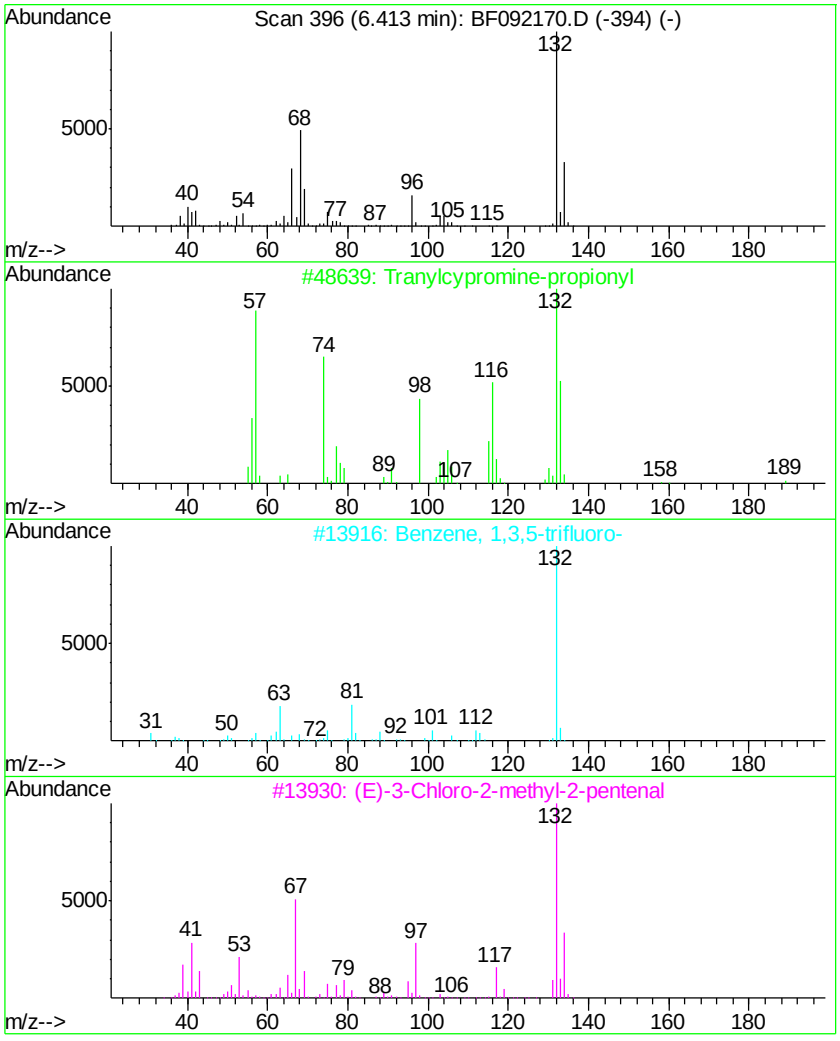
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

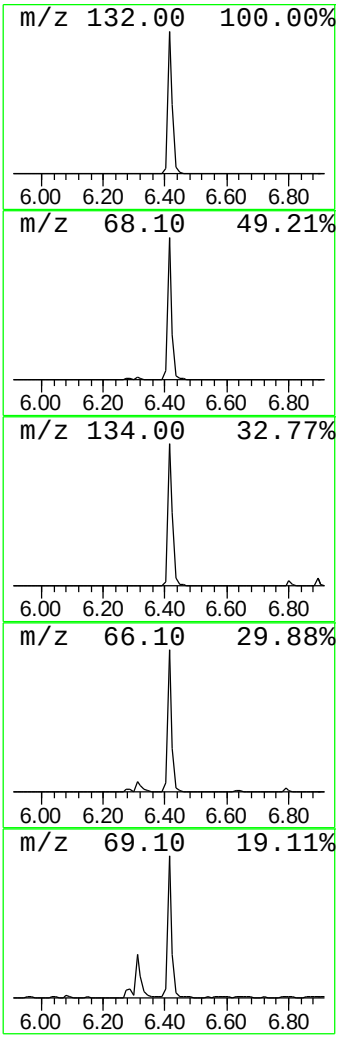
****

Peak Number 4 unknown6.41 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	69.87 ng	2714020	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
2	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092170.D
Acq On : 10 Jan 2017 5:57
Operator : UM/SJ
Sample : I1056-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-39

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

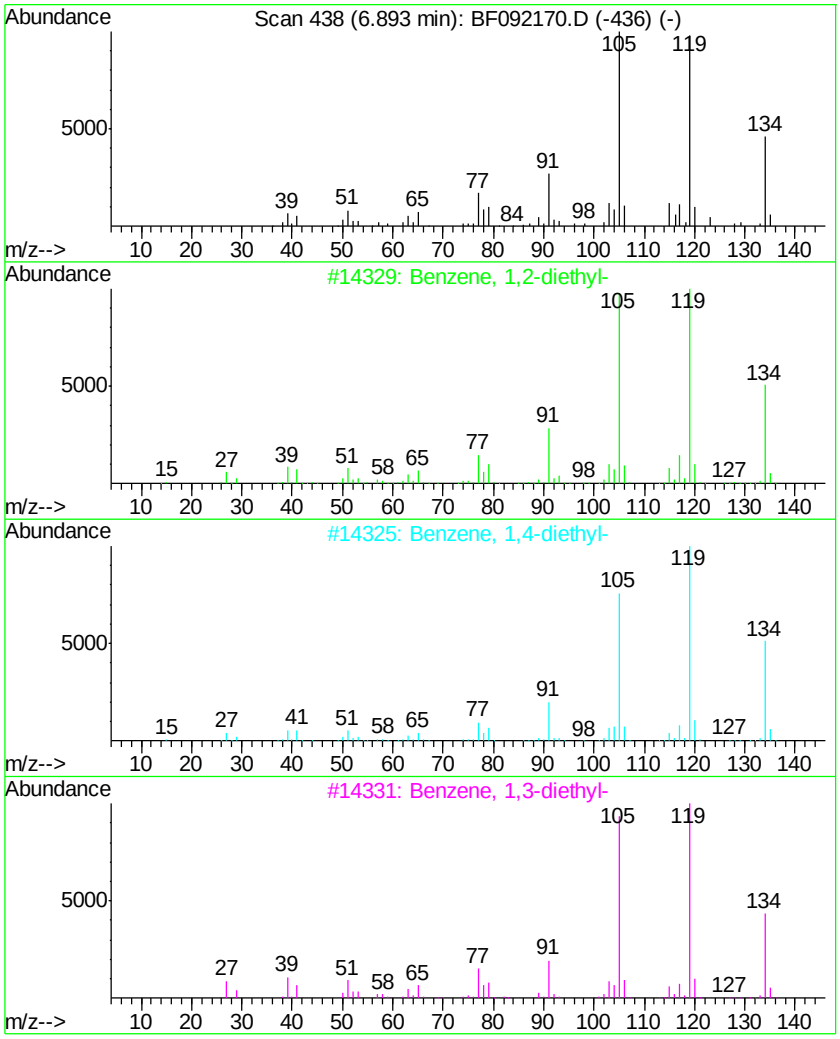
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

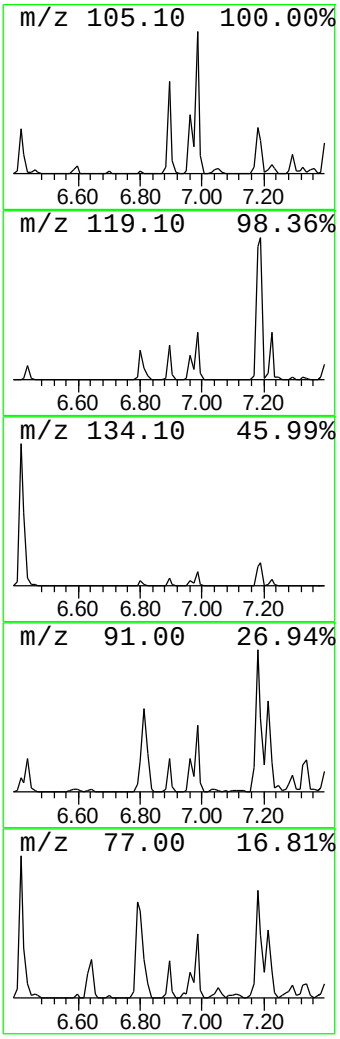
****

Peak Number 6 Benzene, 1,2-diethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	3.04 ng	117980	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092170.D
Acq On : 10 Jan 2017 5:57
Operator : UM/SJ
Sample : I1056-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-39

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

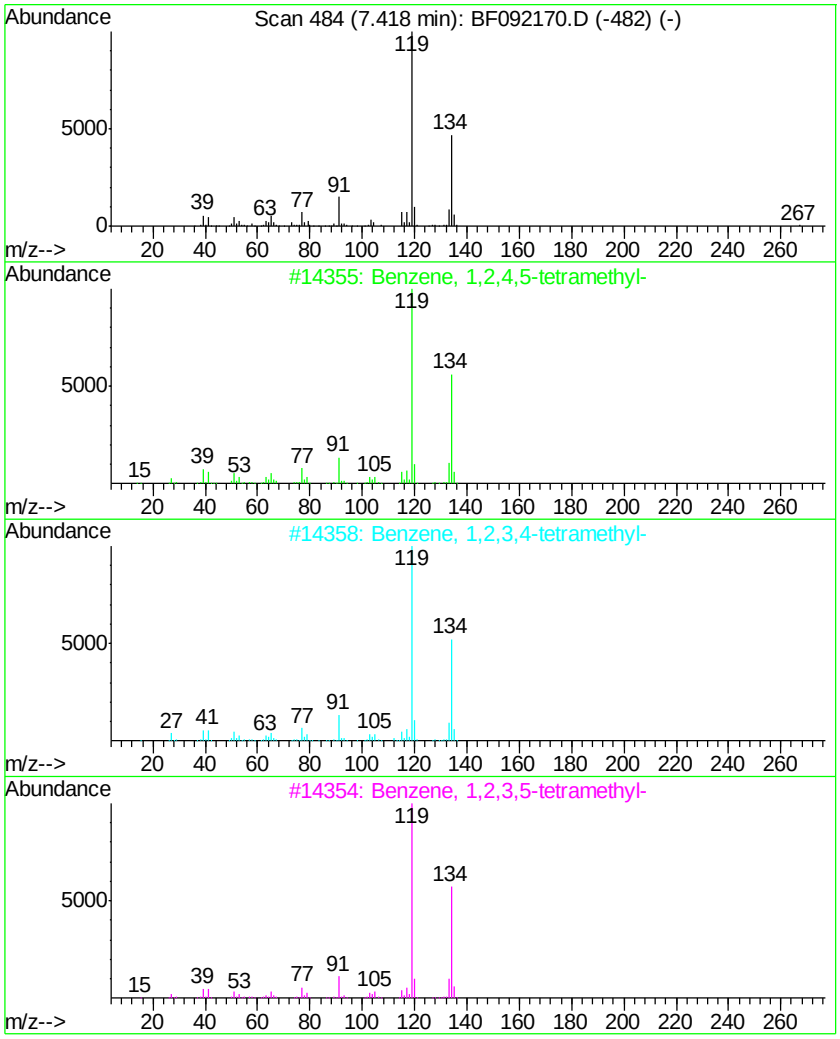
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

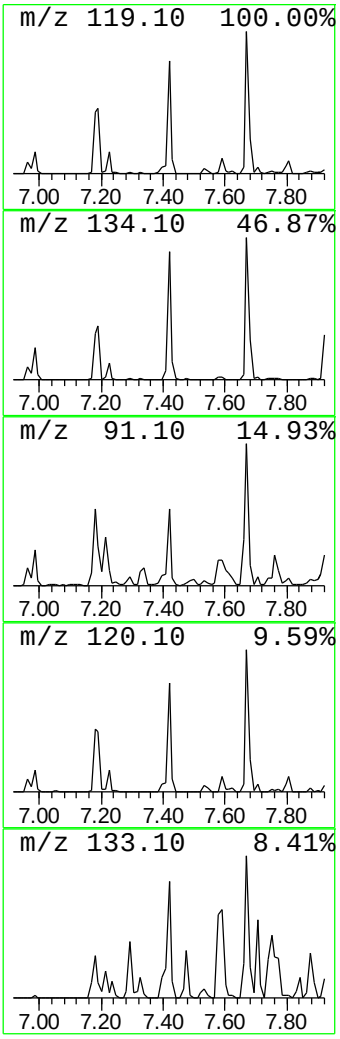
****

Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	7.27 ng	490180	Naphthalene-d8	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092170.D
Acq On : 10 Jan 2017 5:57
Operator : UM/SJ
Sample : I1056-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-39

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

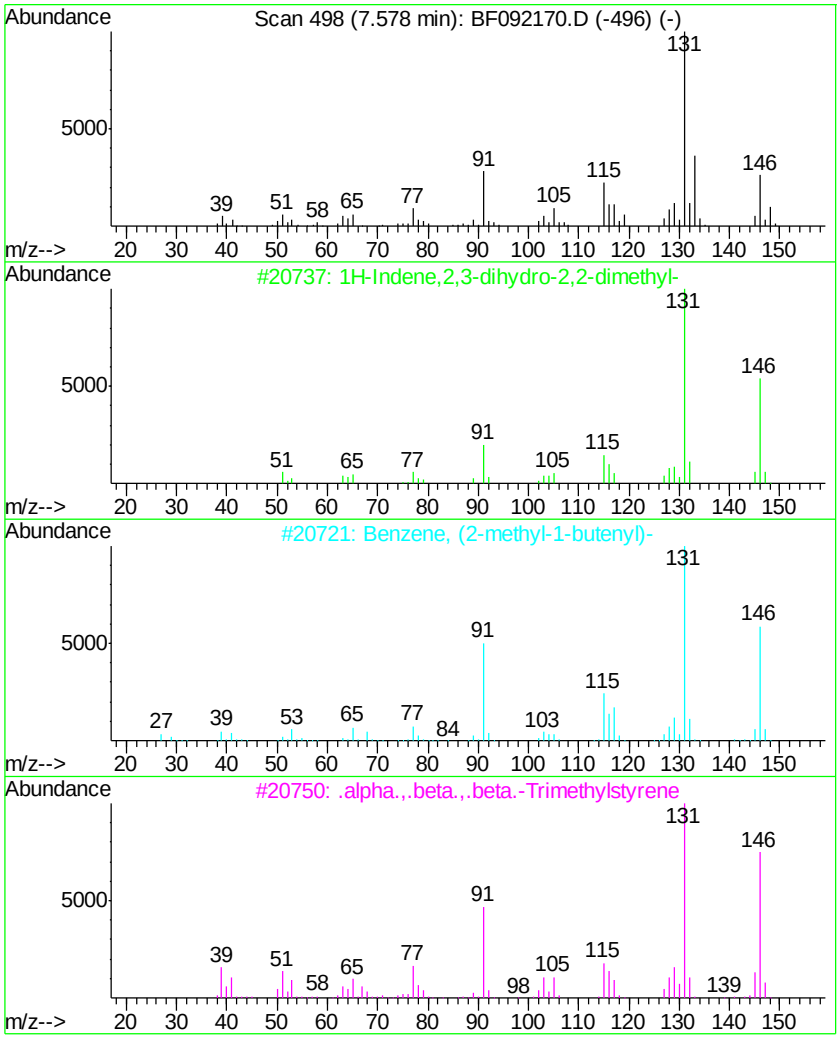
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

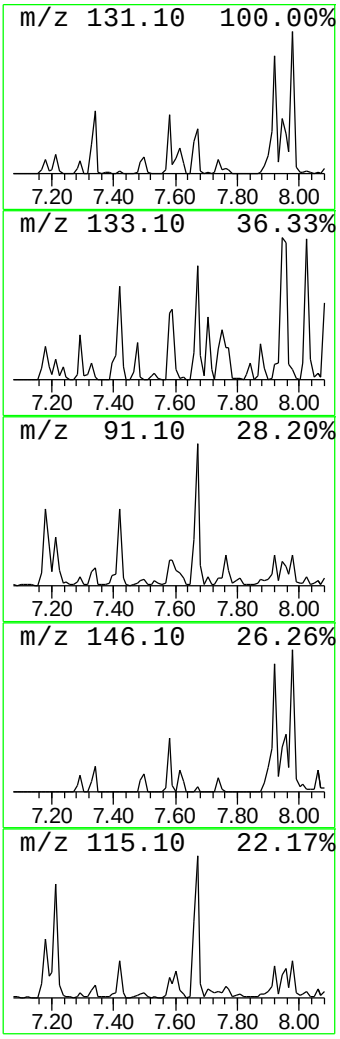
****

Peak Number 9 1H-Indene,2,3-dihydro-2,2-d... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	5.69 ng	383915	Naphthalene-d8	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene,2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	91
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	91
3	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	90
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	81
5	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	81





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092170.D
Acq On : 10 Jan 2017 5:57
Operator : UM/SJ
Sample : I1056-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-39

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

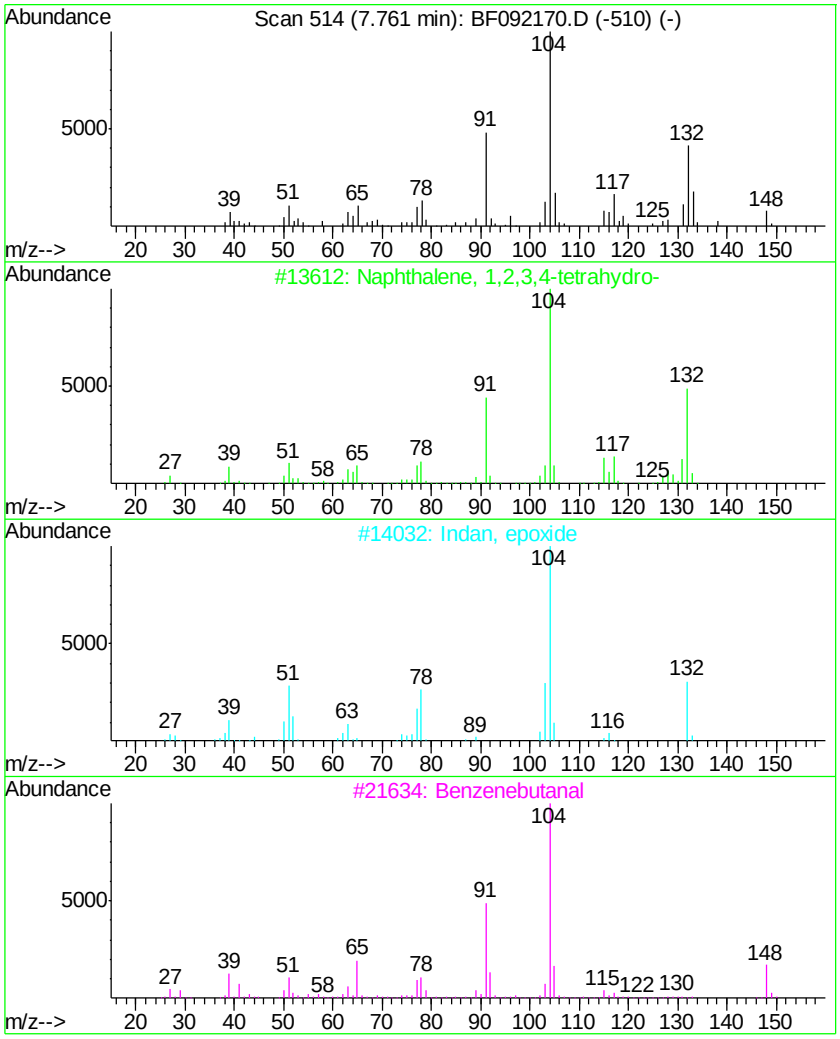
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

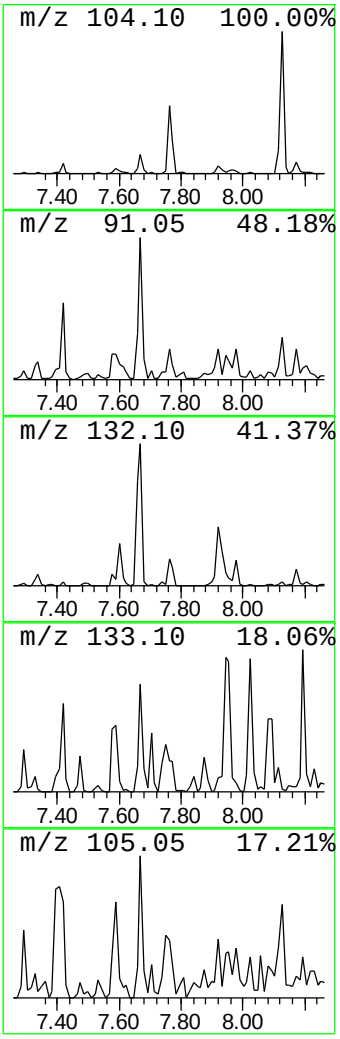
****

Peak Number 11 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	3.29 ng	222144	Naphthalene-d8	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
2	Indan, epoxide	132	C9H8O	000768-22-9	53
3	Benzenebutanal	148	C10H12O	018328-11-5	47
4	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	43
5	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	020071-09-4	43





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092170.D
Acq On : 10 Jan 2017 5:57
Operator : UM/SJ
Sample : I1056-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-39

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

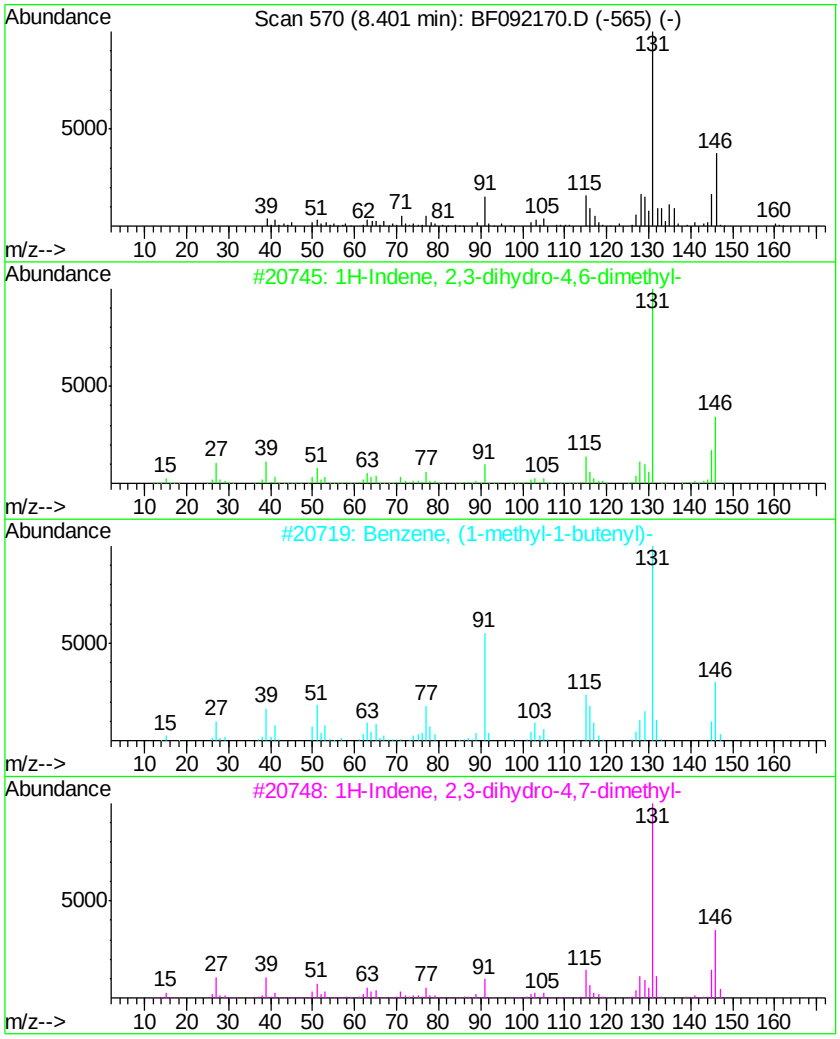
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

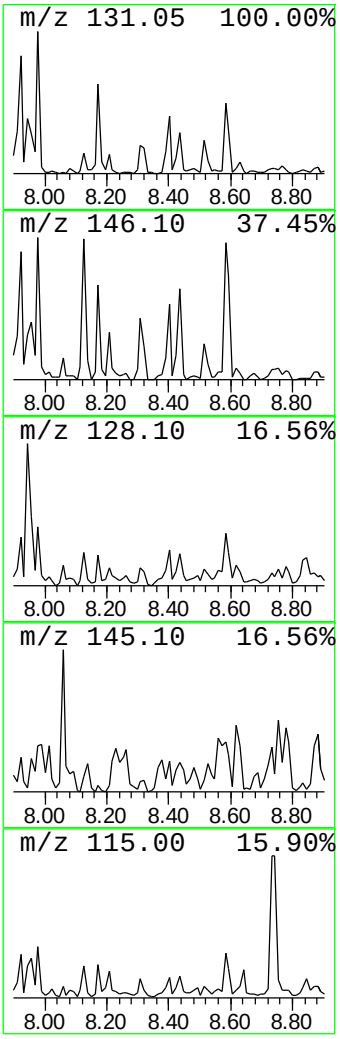
****

Peak Number 12 1H-Indene, 2,3-dihydro-4,6-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	3.04 ng	204733	Naphthalene-d8	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	94
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	90
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	89
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	81





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092170.D
Acq On : 10 Jan 2017 5:57
Operator : UM/SJ
Sample : I1056-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-39

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

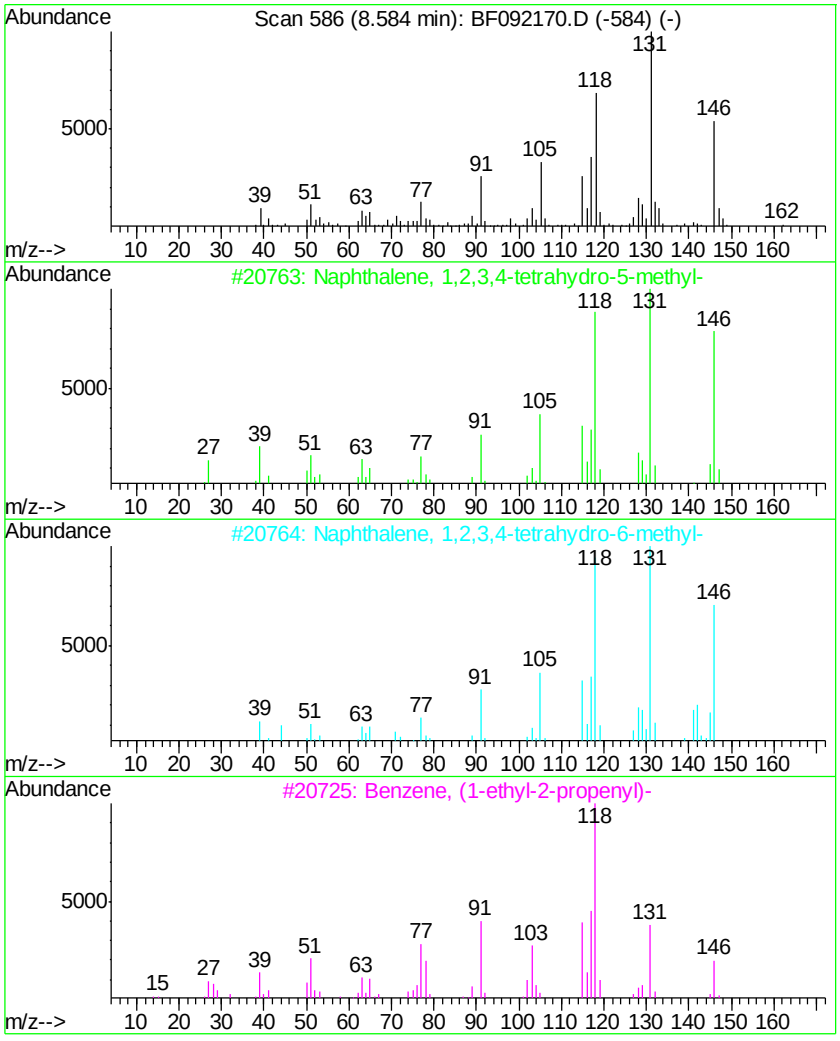
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

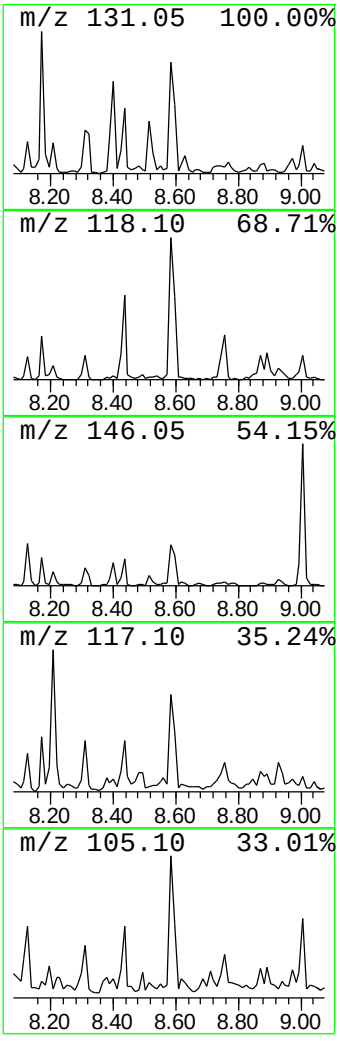
****

Peak Number 13 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	5.11 ng	344585	Naphthalene-d8	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	83
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	76
4	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	70
5	1H-Indene,2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	70





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092170.D
Acq On : 10 Jan 2017 5:57
Operator : UM/SJ
Sample : I1056-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-39

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

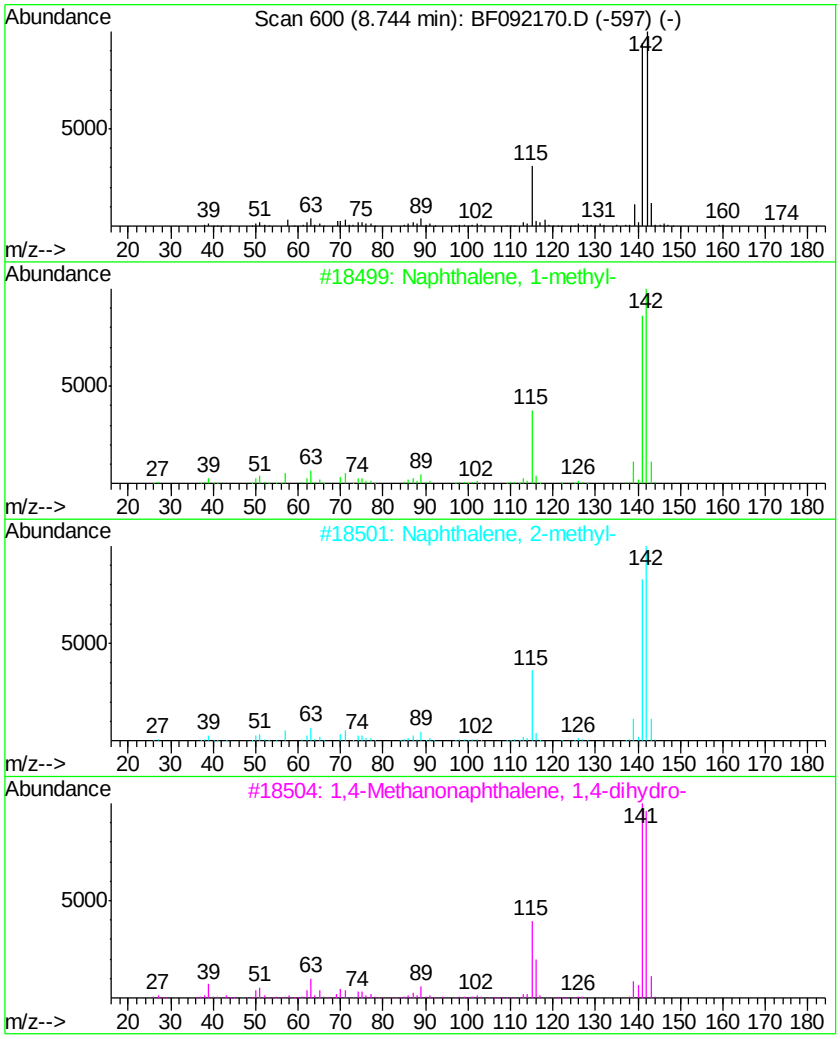
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

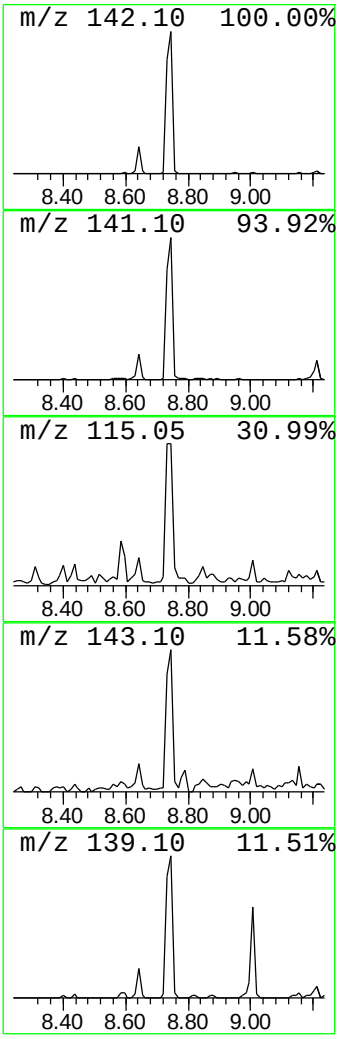
****

Peak Number 14 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	9.52 ng	642188	Naphthalene-d8	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	59





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092170.D
Acq On : 10 Jan 2017 5:57
Operator : UM/SJ
Sample : I1056-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-39

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

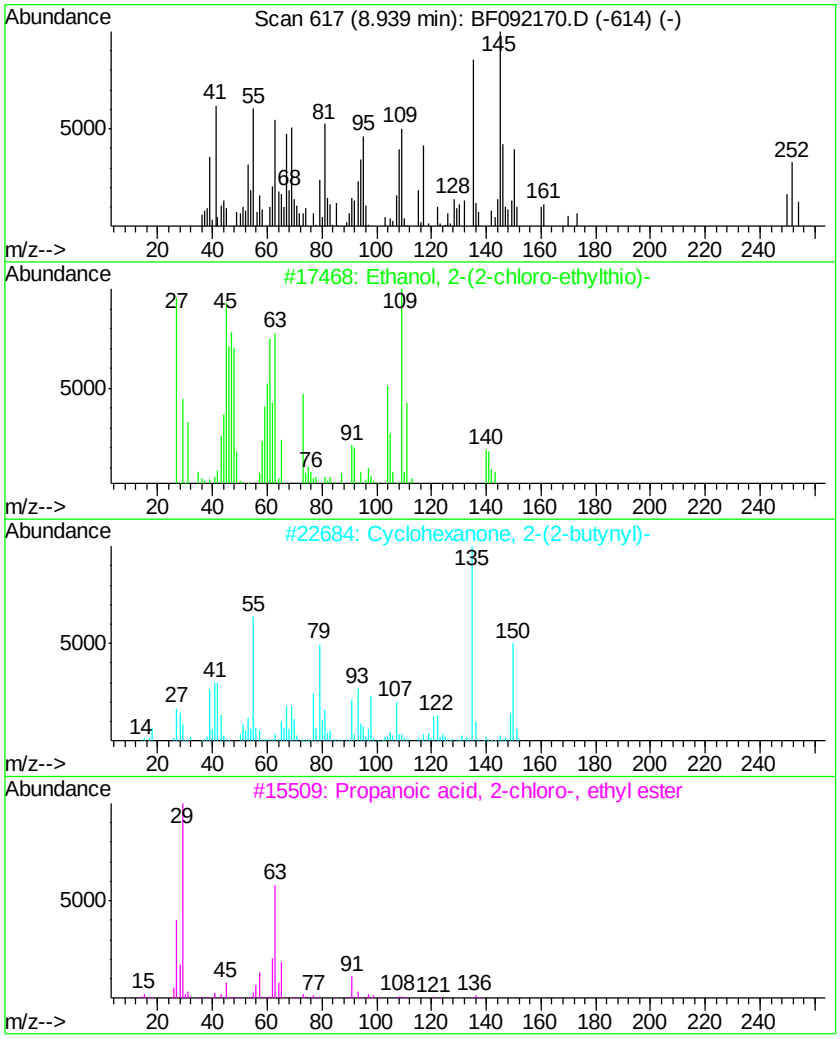
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

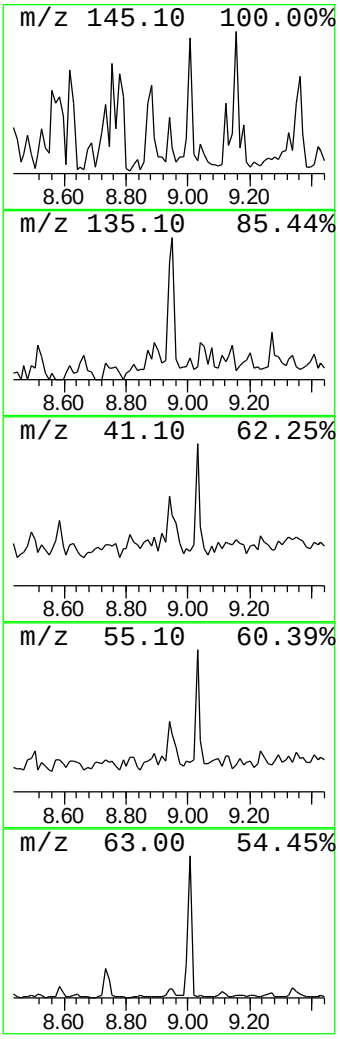
****

Peak Number 15 unknown8.94 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	3.68 ng	173780	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-chloro-ethylthio)-	140	C4H9ClOS	000693-30-1	25
2	Cyclohexanone, 2-(2-butynyl)-	150	C10H14O	054166-48-2	25
3	Propanoic acid, 2-chloro-, ethyl...	136	C5H9ClO2	000535-13-7	22
4	Ethanone, 1-(6,6-dimethylbicyclo...	150	C10H14O	024555-40-6	15
5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	11





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092170.D
Acq On : 10 Jan 2017 5:57
Operator : UM/SJ
Sample : I1056-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-39

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

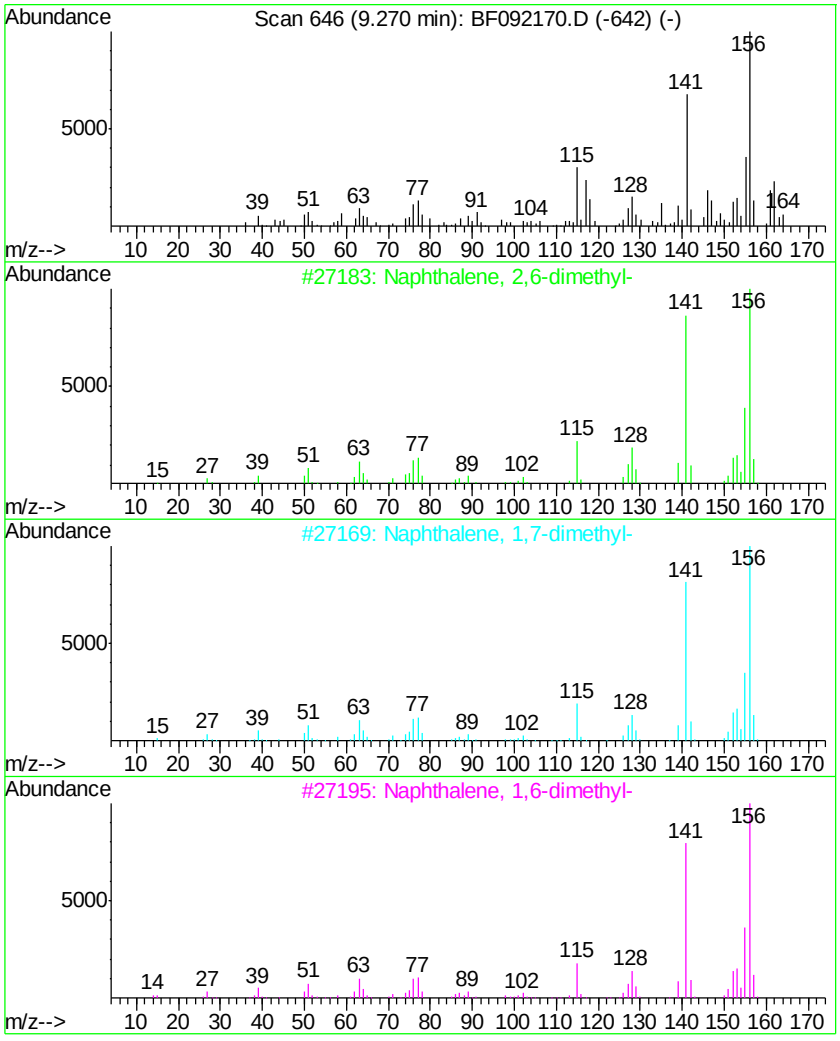
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

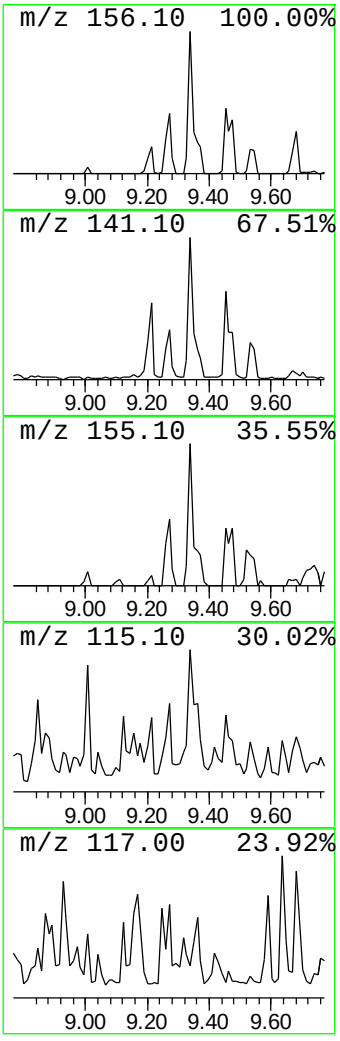
****

Peak Number 16 Naphthalene, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	2.97 ng	140088	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092170.D
Acq On : 10 Jan 2017 5:57
Operator : UM/SJ
Sample : I1056-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-39

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

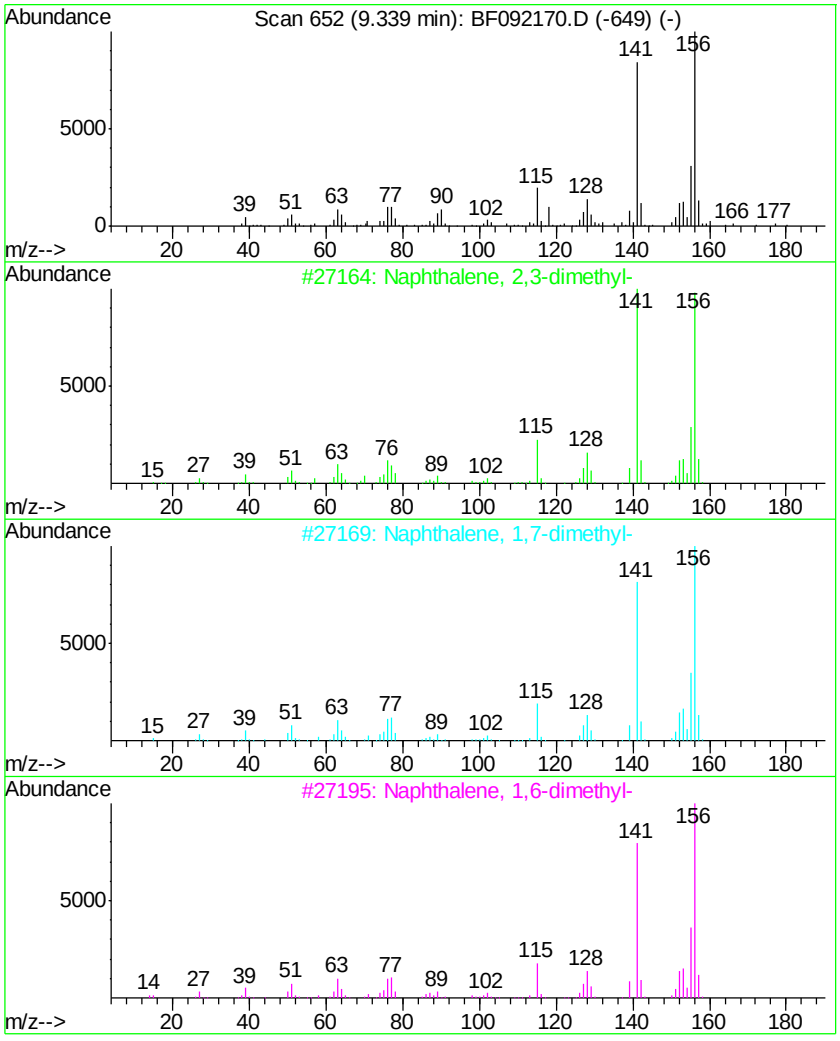
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

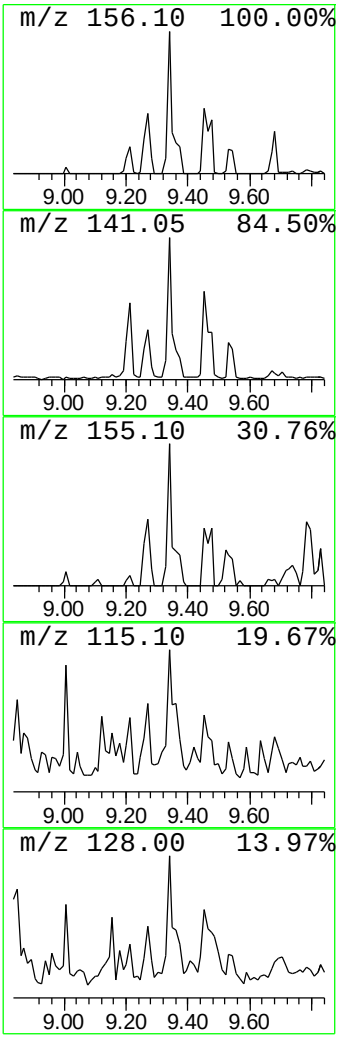
****

Peak Number 17 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	7.84 ng	370293	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092170.D
Acq On : 10 Jan 2017 5:57
Operator : UM/SJ
Sample : I1056-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-39

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

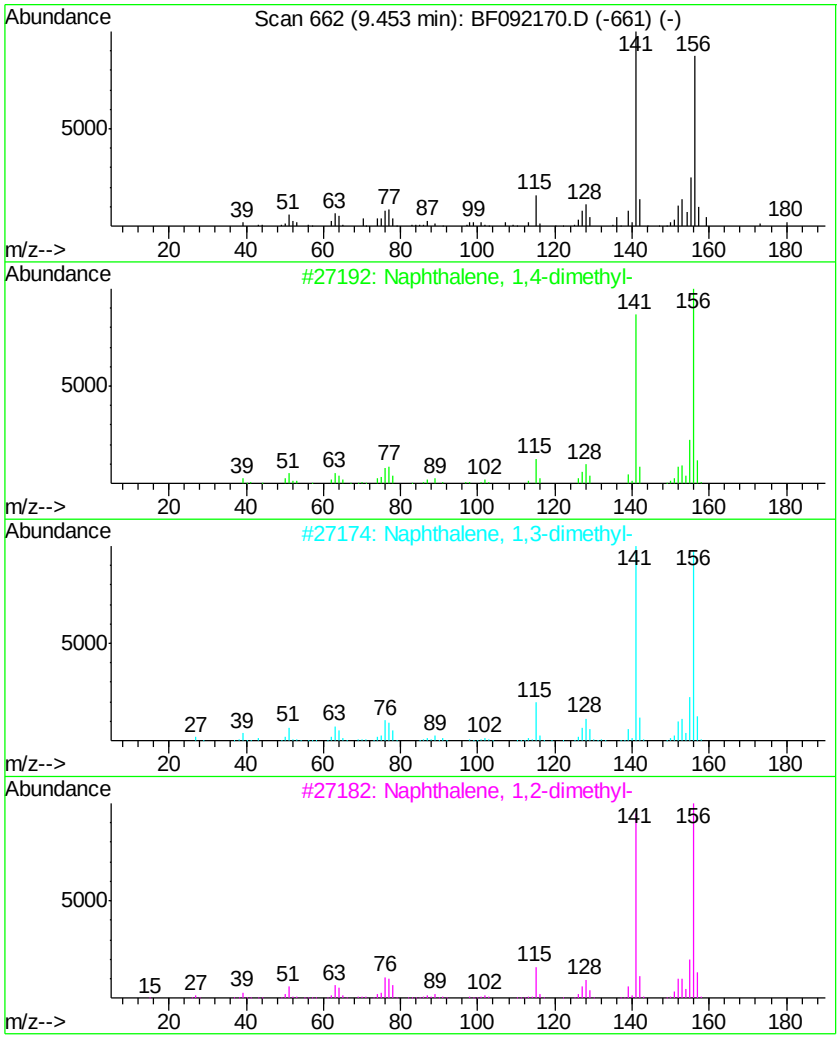
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

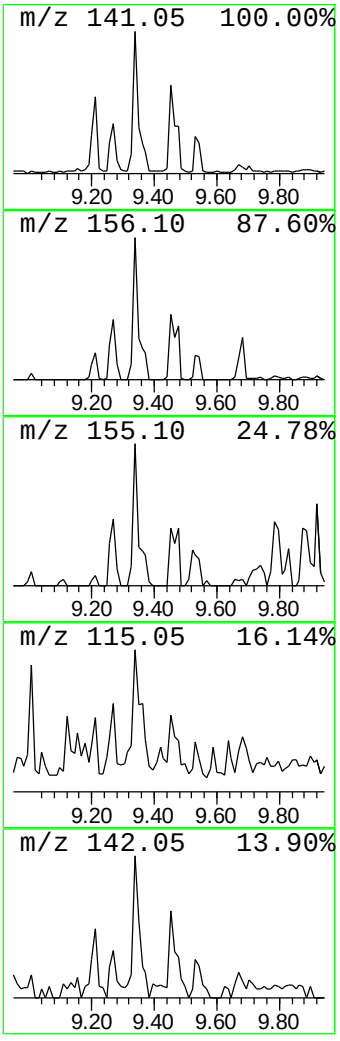
****

Peak Number 18 Naphthalene, 1,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	3.23 ng	152375	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092170.D
Acq On : 10 Jan 2017 5:57
Operator : UM/SJ
Sample : I1056-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-39

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

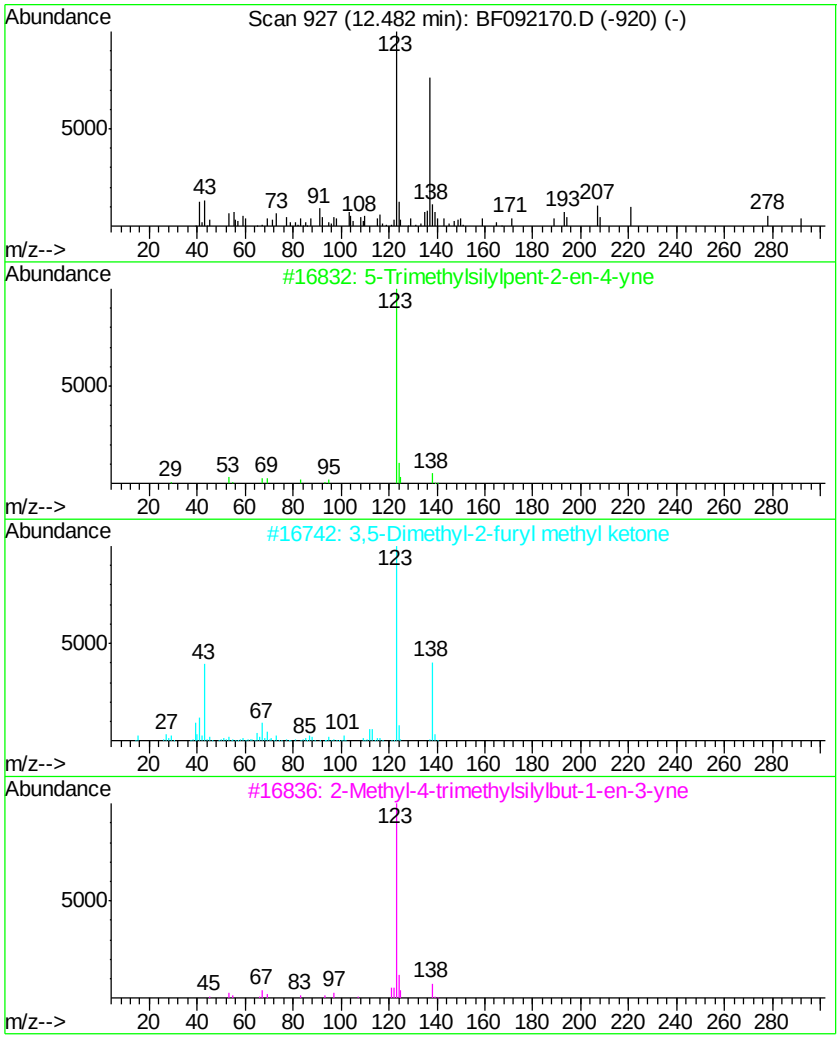
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

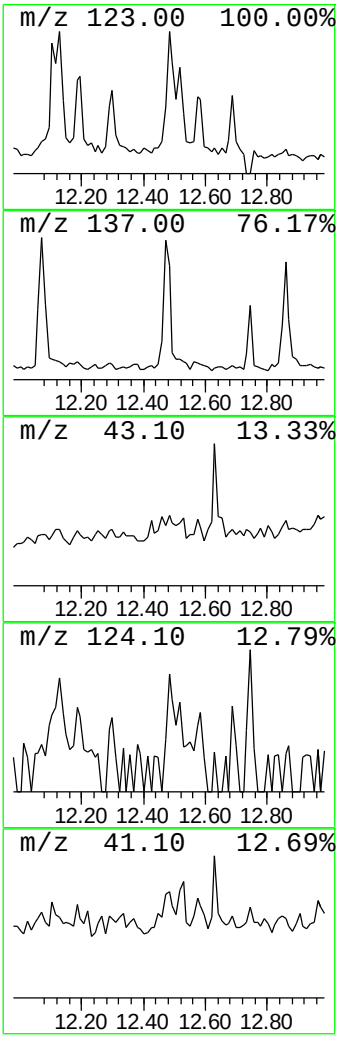
****

Peak Number 19 unknown12.48 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	3.34 ng	107782	Chrysene-d12	13.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Trimethylsilylpent-2-en-4-yne	138	C8H14Si	018387-62-7	38
2	3,5-Dimethyl-2-furyl methyl ketone	138	C8H10O2	022940-86-9	38
3	2-Methyl-4-trimethylsilylbut-1-e...	138	C8H14Si	018387-60-5	35
4	Cyclopentene, 1,2,3,3,4-pentamet...	138	C10H18	197390-29-7	35
5	2-Methyl-5,6-tetramethylene-5,6-...	221	C14H23NO	122035-90-9	35





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092170.D
Acq On : 10 Jan 2017 5:57
Operator : UM/SJ
Sample : I1056-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-39

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

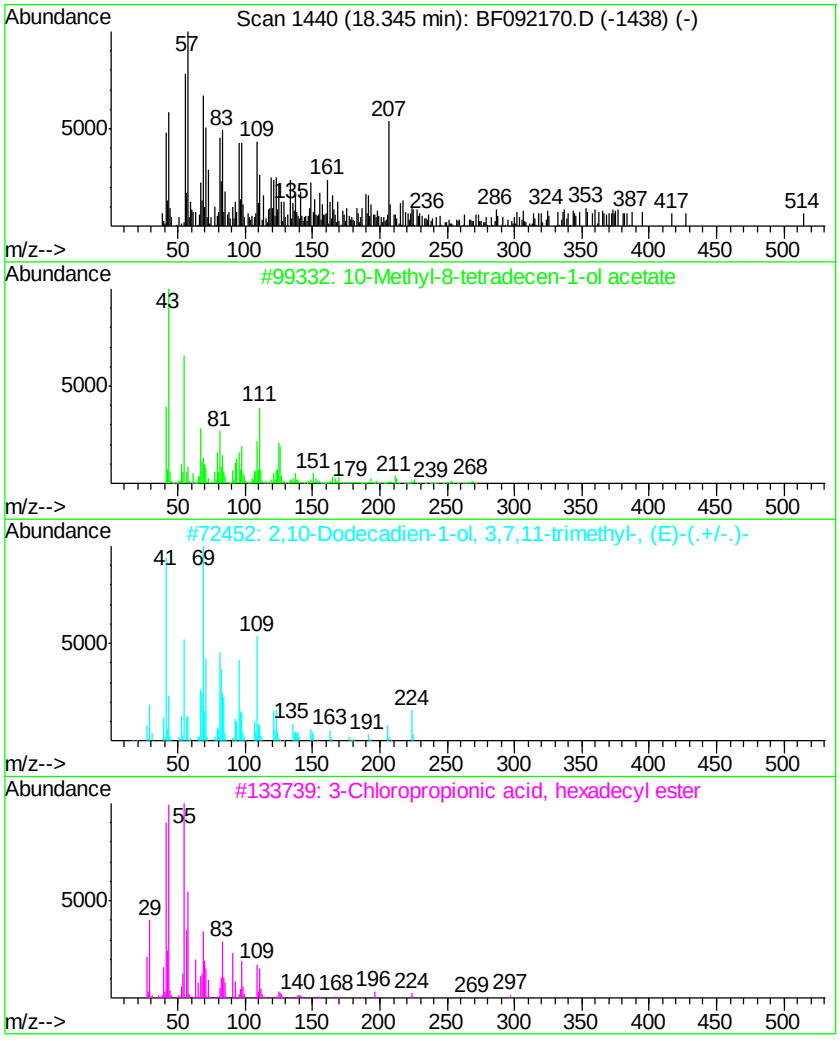
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

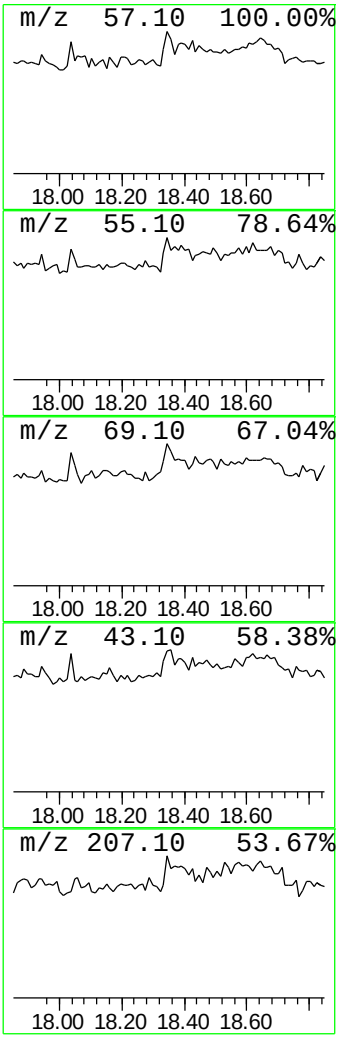
****

Peak Number 20 unknown18.35 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	9.24 ng	197929	Perylene-d12	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methyl-8-tetradecen-1-ol acetate	268	C17H32O2	1000131-36-1	43
2	2,10-Dodecadien-1-ol, 3,7,11-tri...	224	C15H28O	020576-59-4	41
3	3-Chloropropionic acid, hexadecy...	332	C19H37ClO2	053312-70-2	27
4	3-Methyl-2-(2-oxopropyl)furan	138	C8H10O2	087773-62-4	18
5	1,14-Docosanediol	342	C22H46O2	004452-45-3	18





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092170.D
Acq On : 10 Jan 2017 5:57
Operator : UM/SJ
Sample : I1056-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-39

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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...	4.76	13.8	ng	536299	1	6.64	776837	20.0
unknown6.41	6.41	69.9	ng	2714020	1	6.64	776837	20.0
Benzene, 1,2-diet...	6.89	3.0	ng	117980	1	6.64	776837	20.0
Benzene, 1,2,4,5-...	7.42	7.3	ng	490180	2	7.92	1348600	20.0
1H-Indene,2,3-dih...	7.58	5.7	ng	383915	2	7.92	1348600	20.0
Naphthalene, 1,2,...	7.76	3.3	ng	222144	2	7.92	1348600	20.0
1H-Indene, 2,3-di...	8.40	3.0	ng	204733	2	7.92	1348600	20.0
Naphthalene, 1,2,...	8.58	5.1	ng	344585	2	7.92	1348600	20.0
Naphthalene, 1-me...	8.74	9.5	ng	642188	2	7.92	1348600	20.0
unknown8.94	8.94	3.7	ng	173780	3	9.68	944452	20.0
Naphthalene, 2,6-...	9.27	3.0	ng	140088	3	9.68	944452	20.0
Naphthalene, 2,3-...	9.34	7.8	ng	370293	3	9.68	944452	20.0
Naphthalene, 1,4-...	9.45	3.2	ng	152375	3	9.68	944452	20.0
unknown12.48	12.48	3.3	ng	107782	5	13.78	646015	20.0
unknown18.35	18.35	9.2	ng	197929	6	15.17	428222	20.0