LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
Data File : BM018346.D
Acq On : 21 Dec 2018 00:48
Operator : JU/SJ
Sample : J6347-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SD002-0006-01

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.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	3.781	139	152	158	rBV4	177666	526104	2.77%	0.537%
2	5.134	377	382	385	rBV	3878441	5659954	29.81%	5.780%
3	5.175	385	389	402	rVB	13530535	18985121	100.00%	19.388%
4	6.604	622	632	642	rVB2	1370379	2454627	12.93%	2.507%
5	6.710	642	650	662	rBV	3903750	6515053	34.32%	6.653%
6	7.034	698	705	713	rBV	3963214	6160306	32.45%	6.291%
7	7.134	713	722	728	rVB	446707	671067	3.53%	0.685%
8	7.487	777	782	786	rBV	644550	1038100	5.47%	1.060%
9	7.522	786	788	794	rVB	264768	311699	1.64%	0.318%
10	7.592	794	800	807	rBV3	128458	279436	1.47%	0.285%
11	7.798	829	835	848	rVB	2691993	4279140	22.54%	4.370%
12	8.110	882	888	893	rBV3	115985	205329	1.08%	0.210%
13	8.281	911	917	923	rBV4	118811	241874	1.27%	0.247%
14	8.651	972	980	995	rVB	2219485	3673169	19.35%	3.751%
15	9.010	1036	1041	1050	rVB	1202352	1799633	9.48%	1.838%
16	10.251	1241	1252	1257	rBV	828782	1423092	7.50%	1.453%
17	10.304	1257	1261	1267	rVB	237812	422976	2.23%	0.432%
18	11.498	1458	1464	1471	rVB	596752	917155	4.83%	0.937%
19	11.927	1532	1537	1542	rVB	223437	336082	1.77%	0.343%
20	12.151	1560	1575	1584	rBV4	145536	475122	2.50%	0.485%
21	12.757	1671	1678	1689	rVB	4736725	6908605	36.39%	7.055%
22	13.463	1792	1798	1802	rBV2	150974	280986	1.48%	0.287%
23	13.539	1802	1811	1817	rVB2	351868	677388	3.57%	0.692%
24	13.616	1817	1824	1830	rBV2	338345	560070	2.95%	0.572%
25	14.045	1890	1897	1901	rBV3	101742	200464	1.06%	0.205%
26	14.145	1908	1914	1921	rVB2	1154448	1771905	9.33%	1.810%
27	15.116	2074	2079	2084	rVB2	166200	248083	1.31%	0.253%
28	15.663	2166	2172	2178	rVB	3532810	4945749	26.05%	5.051%
29	15.898	2206	2212	2218	rVB2	189268	353165	1.86%	0.361%
30	16.368	2289	2292	2298	rBV2	250303	331256	1.74%	0.338%
31	16.915	2380	2385	2389	rVB	1287076	1685940	8.88%	1.722%
32	16.980	2389	2396	2400	rBV2	652508	897858	4.73%	0.917%
33	17.098	2411	2416	2424	rBV	1314665	1926370	10.15%	1.967%
34	17.292	2445	2449	2460	rVB	493646	821219	4.33%	0.839%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
Data File : BM018346.D
Acq On : 21 Dec 2018 00:48
Operator : JU/SJ
Sample : J6347-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SD002-0006-01

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.833	2537	2541	2548	rVB3	347066	530995	2.80%	0.542%
36	18.004	2566	2570	2574	rVB	465565	595598	3.14%	0.608%
37	19.133	2758	2762	2767	rBV3	381133	556957	2.93%	0.569%
38	19.392	2802	2806	2814	rBV	688500	1006622	5.30%	1.028%
39	19.568	2831	2836	2844	rBV	5577163	7080247	37.29%	7.231%
40	19.709	2857	2860	2863	rVB3	285785	310009	1.63%	0.317%
41	19.845	2880	2883	2888	rBV2	780895	1020572	5.38%	1.042%
42	20.133	2928	2932	2936	rVB	918045	1077694	5.68%	1.101%
43	20.186	2938	2941	2944	rVV3	269482	314115	1.65%	0.321%
44	20.598	3008	3011	3015	rVB	513137	573643	3.02%	0.586%
45	20.856	3051	3055	3062	rVB2	752954	1221546	6.43%	1.247%
46	21.139	3099	3103	3105	rBV	1341356	2002459	10.55%	2.045%
47	22.644	3355	3359	3363	rVB	1226078	1664288	8.77%	1.700%
48	23.303	3466	3471	3480	rVB2	1035603	1981201	10.44%	2.023%

Sum of corrected areas: 97920043

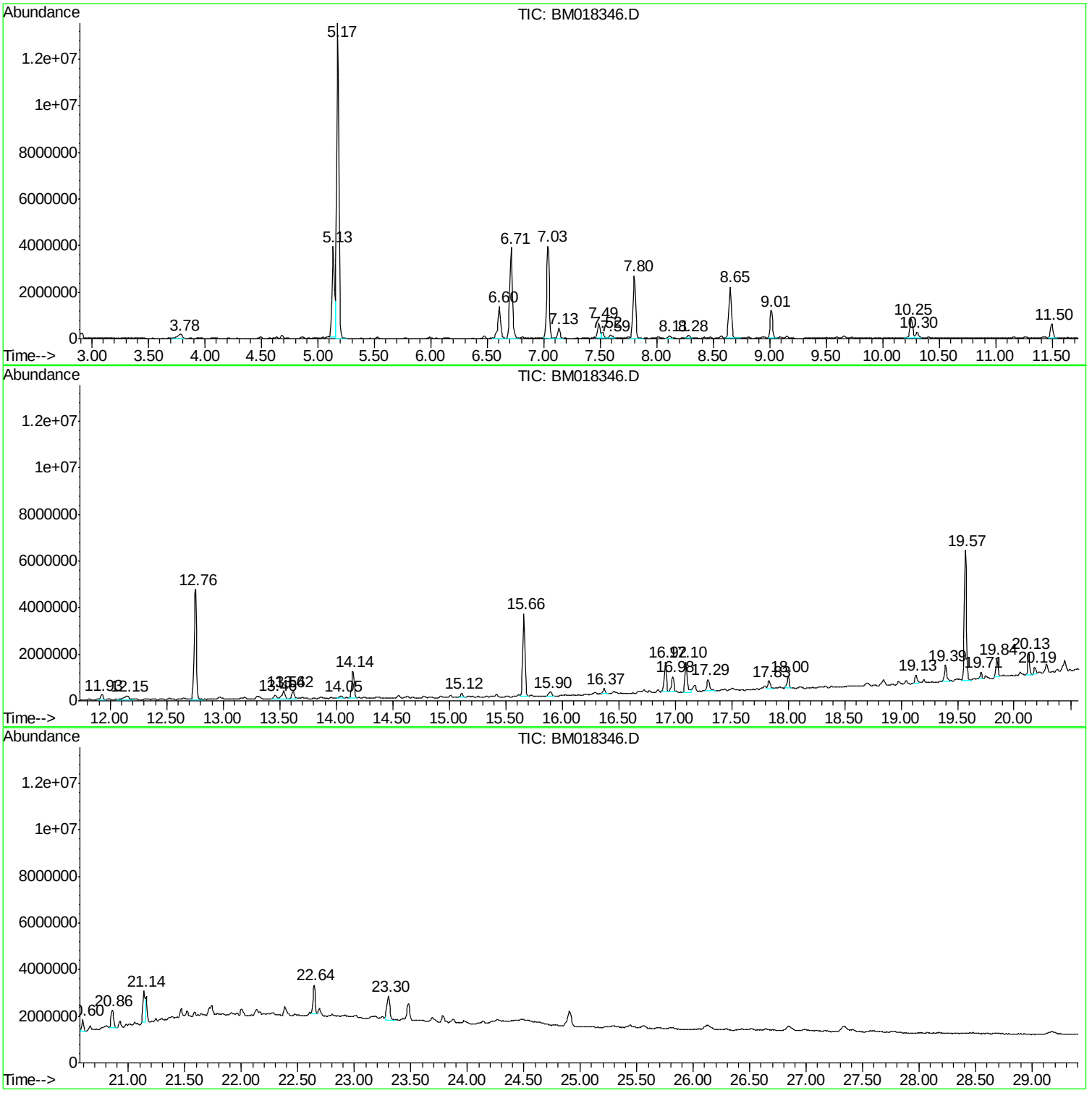
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
Data File : BM018346.D
Acq On : 21 Dec 2018 00:48
Operator : JU/SJ
Sample : J6347-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SD002-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
Data File : BM018346.D
Acq On : 21 Dec 2018 00:48
Operator : JU/SJ
Sample : J6347-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SD002-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

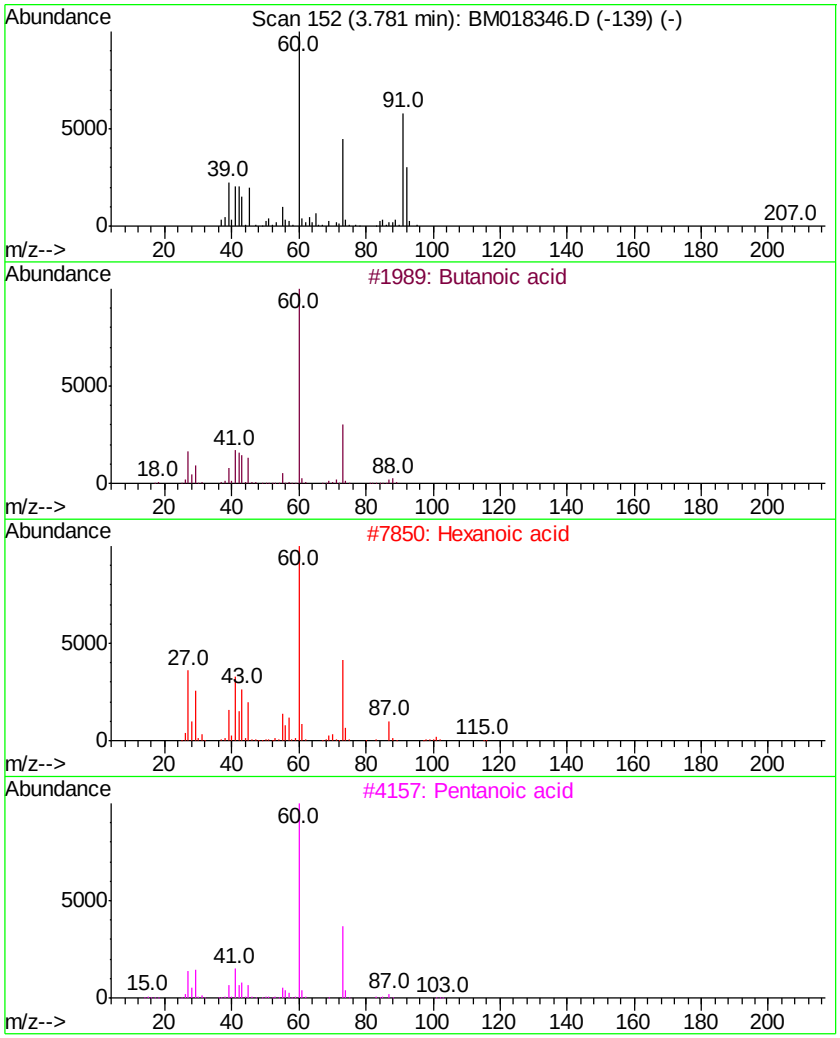
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

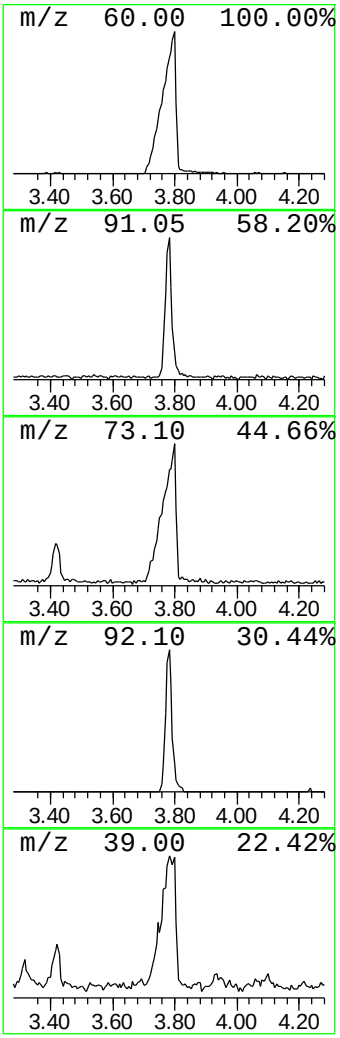
****

Peak Number 1 Butanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.78	10.14 ng	526104	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid	88	C4H8O2	000107-92-6	72
2	Hexanoic acid	116	C6H12O2	000142-62-1	38
3	Pentanoic acid	102	C5H10O2	000109-52-4	38
4	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	38
5	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	11





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
Data File : BM018346.D
Acq On : 21 Dec 2018 00:48
Operator : JU/SJ
Sample : J6347-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SD002-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

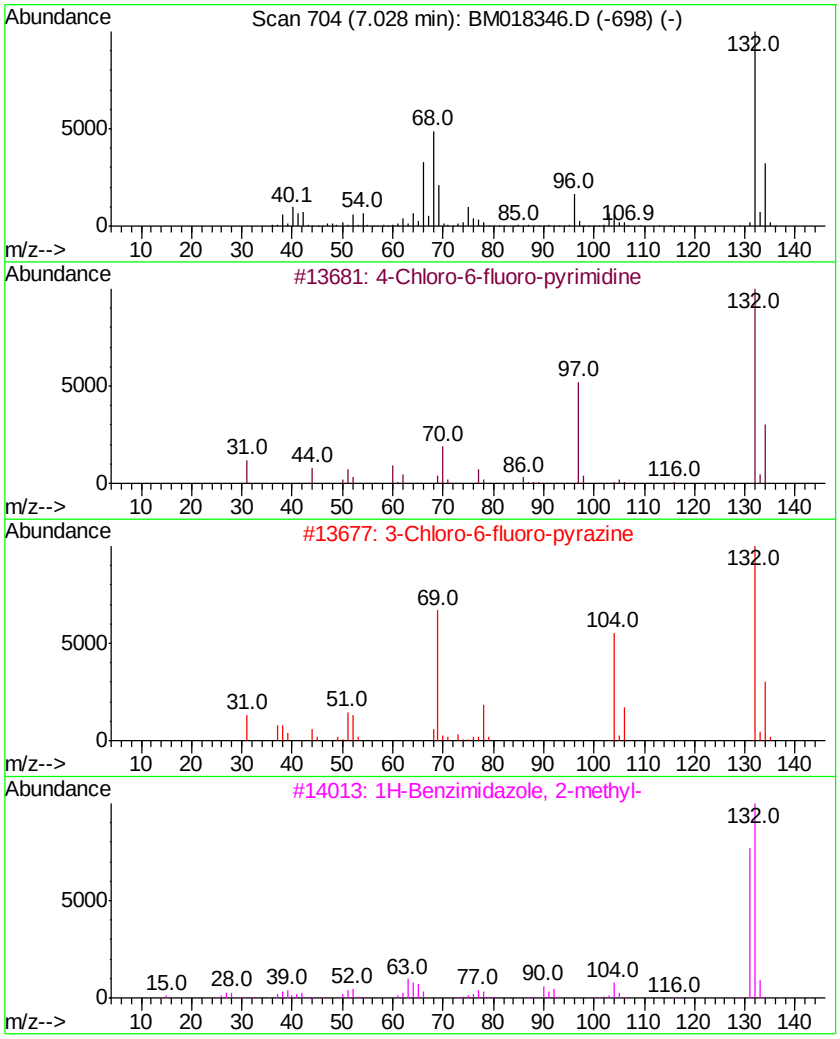
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

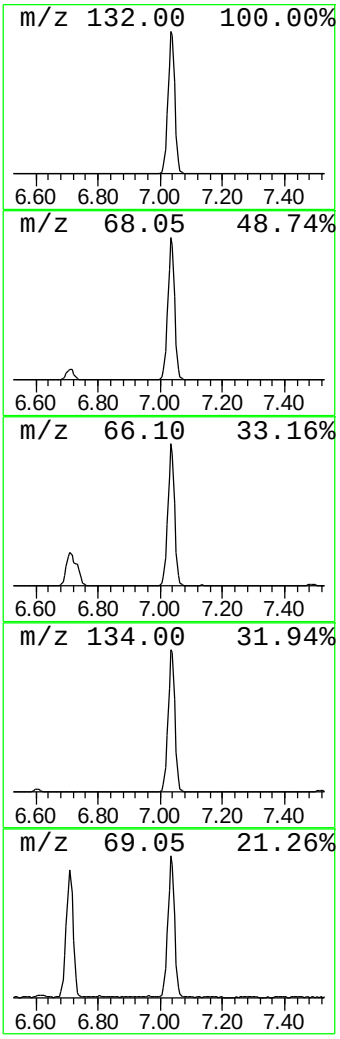
****

Peak Number 3 unknown7.03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	118.68 ng	6160310	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
Data File : BM018346.D
Acq On : 21 Dec 2018 00:48
Operator : JU/SJ
Sample : J6347-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SD002-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

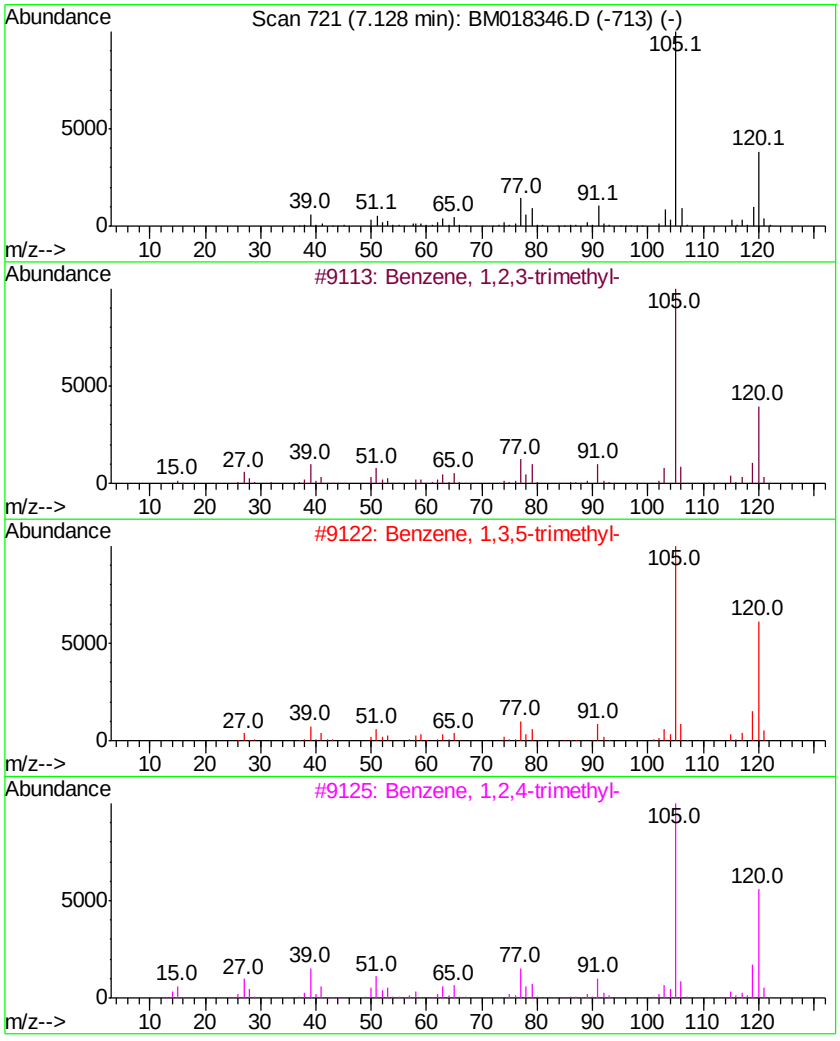
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

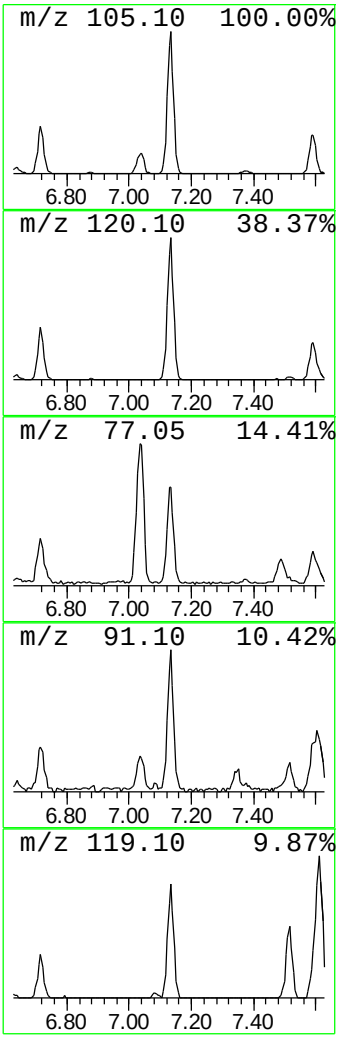
****

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	12.93 ng	671067	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
Data File : BM018346.D
Acq On : 21 Dec 2018 00:48
Operator : JU/SJ
Sample : J6347-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SD002-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

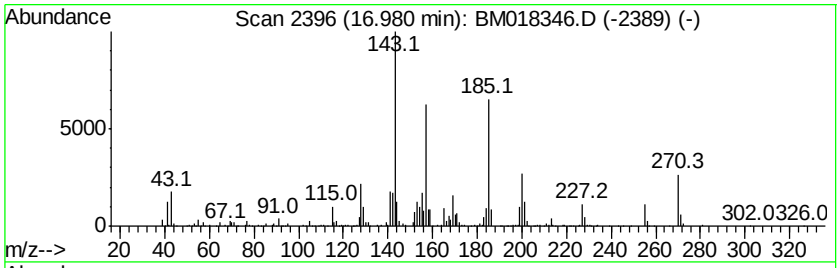
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

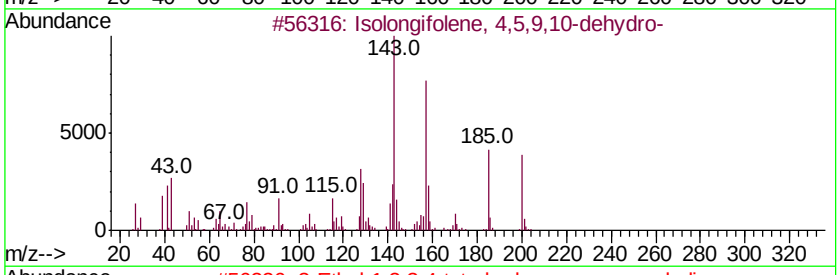
****

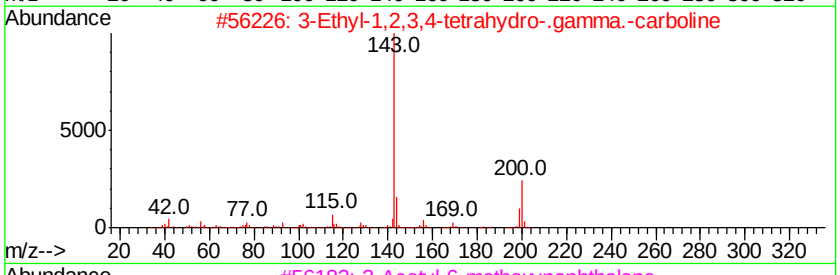
Peak Number 9 unknown16.98 Concentration Rank 11

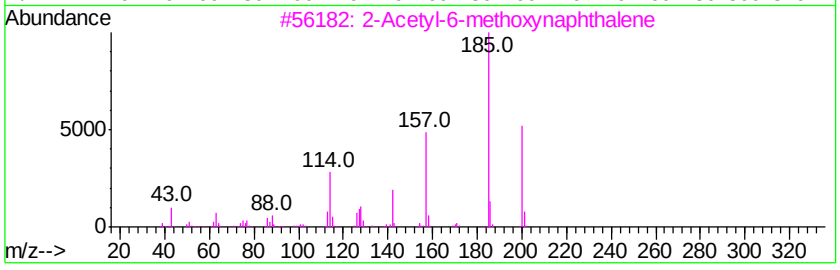
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.98	10.65 ng	897858	Phenanthrene-d10	16.92

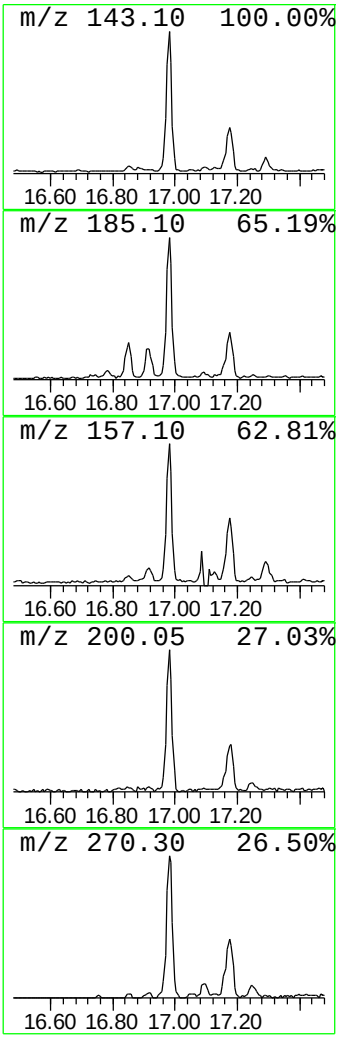
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isolongifolene, 4,5,9,10-dehydro-	200	C15H20	156747-45-4	46
2	3-Ethyl-1,2,3,4-tetrahydro-.gamm...	200	C13H16N2	006208-42-0	30
3	2-Acetyl-6-methoxynaphthalene	200	C13H12O2	003900-45-6	22
4	2,2-Dimethyl-4-oxo-1-p-tolyl-cyc...	227	C15H17NO	1000185-85-8	22
5	Quinoline, 7-butyl-	185	C13H15N	007661-52-1	18











Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
Data File : BM018346.D
Acq On : 21 Dec 2018 00:48
Operator : JU/SJ
Sample : J6347-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SD002-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

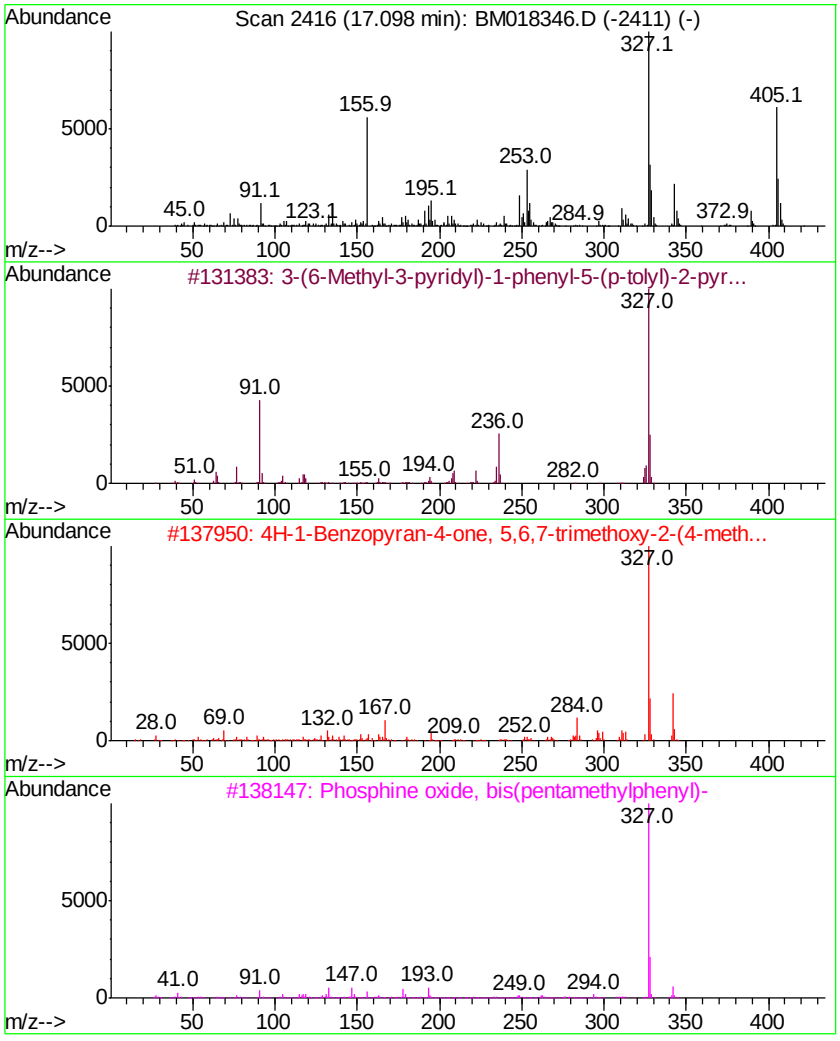
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

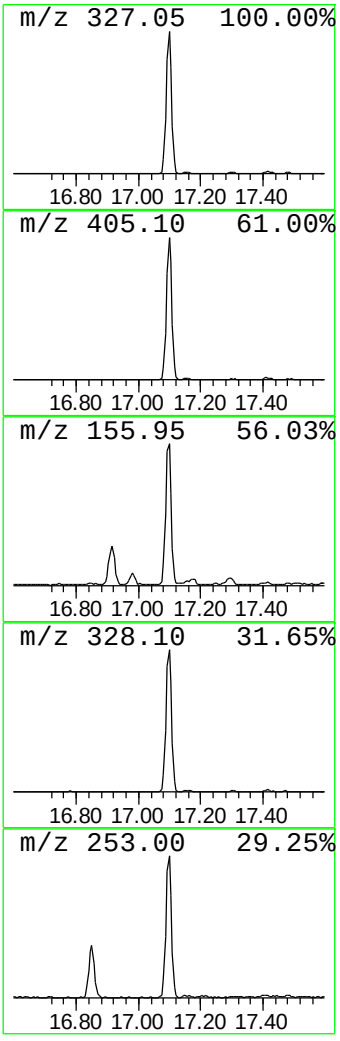
****

Peak Number 10 unknown17.10 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.10	22.85 ng	1926370	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(6-Methyl-3-pyridyl)-1-phenyl-...	327	C22H21N3	010040-74-1	22
2	4H-1-Benzopyran-4-one, 5,6,7-tri...	342	C19H18O6	001168-42-9	12
3	Phosphine oxide, bis(pentamethyl...	342	C22H31OP	122085-61-4	10
4	1'H-Androst-16-eno[17,16-g]indol...	405	C27H35NO2	056196-20-4	10
5	3-(p-Ethoxyphenyl)-5-(O-tolyloxy...	327	C19H21NO4	005256-08-6	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
Data File : BM018346.D
Acq On : 21 Dec 2018 00:48
Operator : JU/SJ
Sample : J6347-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SD002-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

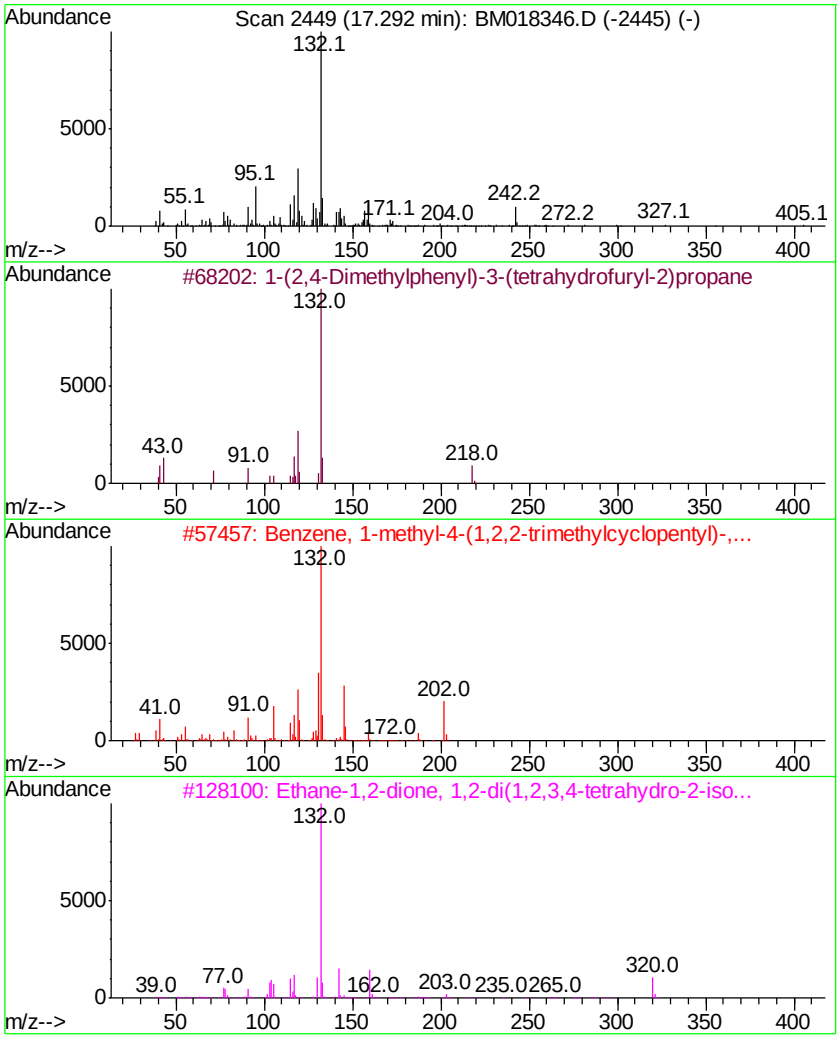
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

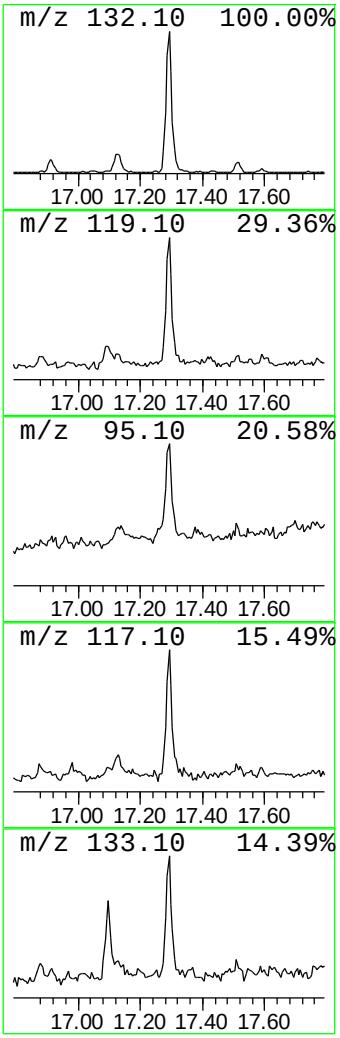
****

Peak Number 11 unknown17.29 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	9.74 ng	821219	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2,4-Dimethylphenyl)-3-(tetrah...	218	C15H22O	1000215-25-2	47
2	Benzene, 1-methyl-4-(1,2,2-trime...	202	C15H22	016982-00-6	40
3	Ethane-1,2-dione, 1,2-di(1,2,3,4...	320	C20H20N2O2	165399-84-8	38
4	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	38
5	Cyclopentanone, 3,3,4-trimethyl-...	216	C15H20O	056077-23-7	37





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
Data File : BM018346.D
Acq On : 21 Dec 2018 00:48
Operator : JU/SJ
Sample : J6347-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SD002-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

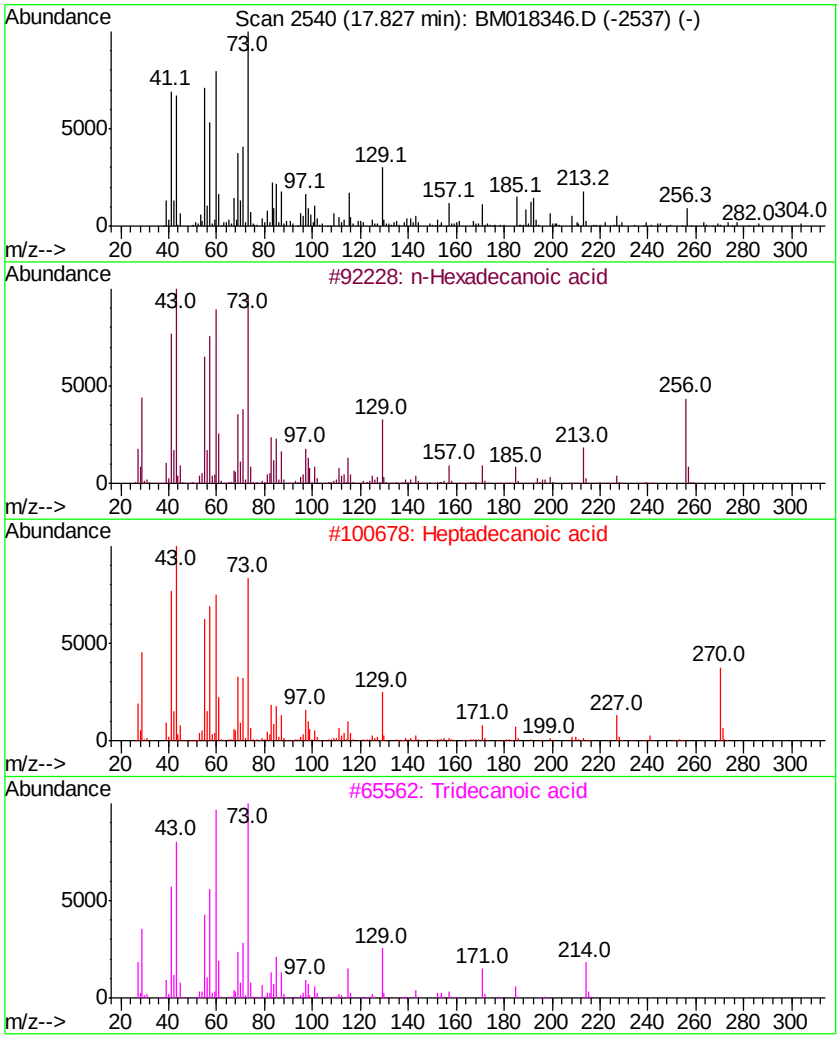
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

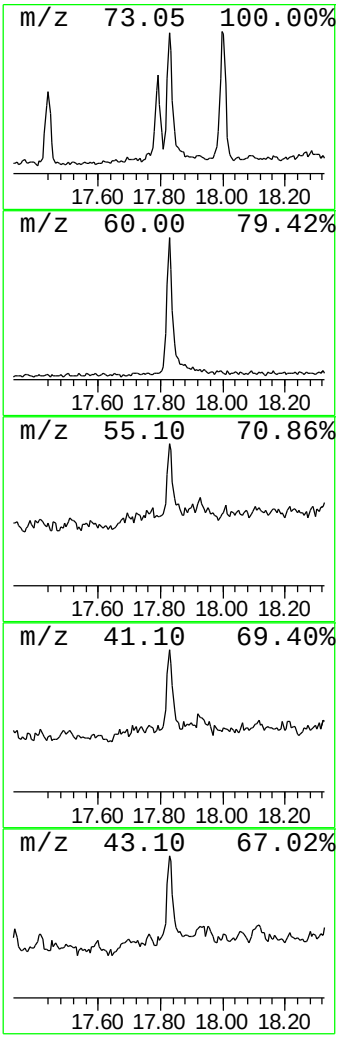
****

Peak Number 12 n-Hexadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	6.30 ng	530995	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
2	Heptadecanoic acid	270	C17H34O2	000506-12-7	86
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	56
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
Data File : BM018346.D
Acq On : 21 Dec 2018 00:48
Operator : JU/SJ
Sample : J6347-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SD002-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

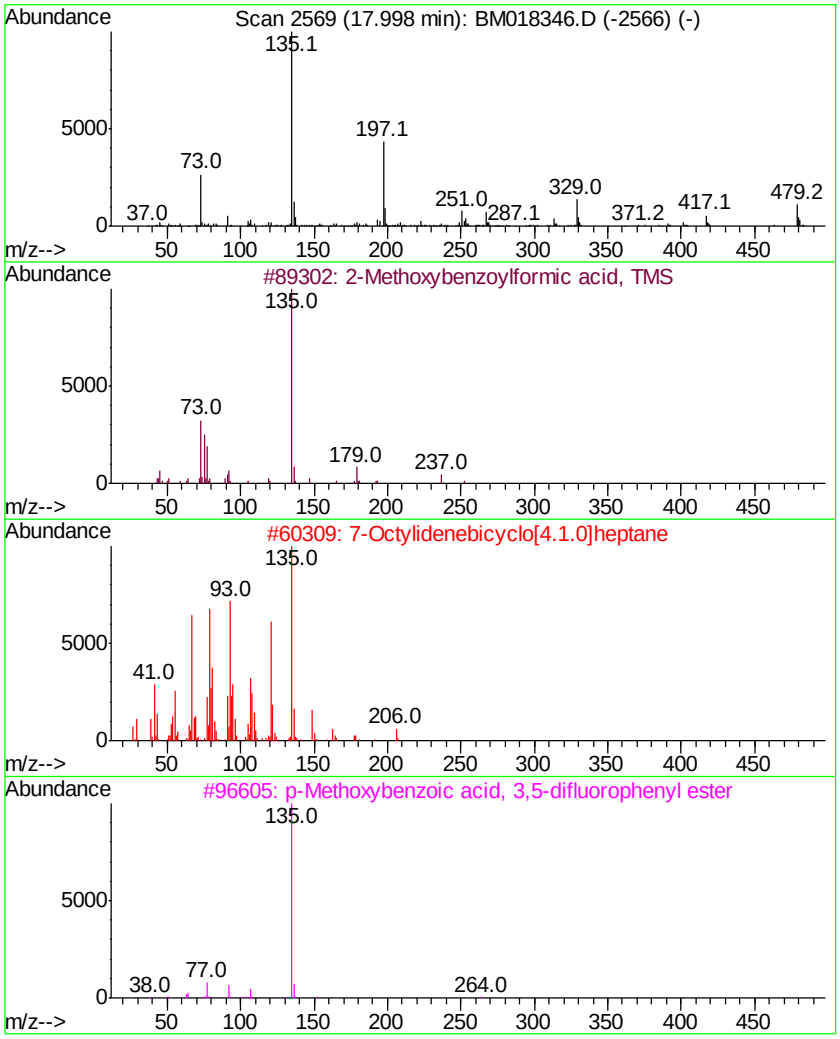
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

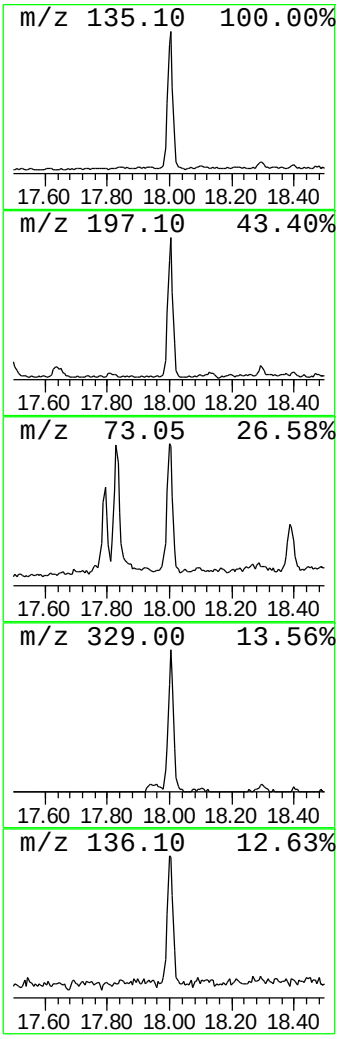
****

Peak Number 13 unknown18.00 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	7.07 ng	595598	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methoxybenzoylformic acid, TMS	252	C12H16O4Si	1000071-87-1	43
2	7-Octylidenebicyclo[4.1.0]heptane	206	C15H26	082253-11-0	35
3	p-Methoxybenzoic acid, 3,5-diflu...	264	C14H10F2O3	1000292-64-7	35
4	Chloroacetic acid, 2-(1-adamanty...	256	C14H21ClO2	1000282-92-9	35
5	4-Bromobutanoic acid, 1-adamanty...	314	C15H23BrO2	1000282-75-3	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
Data File : BM018346.D
Acq On : 21 Dec 2018 00:48
Operator : JU/SJ
Sample : J6347-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SD002-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

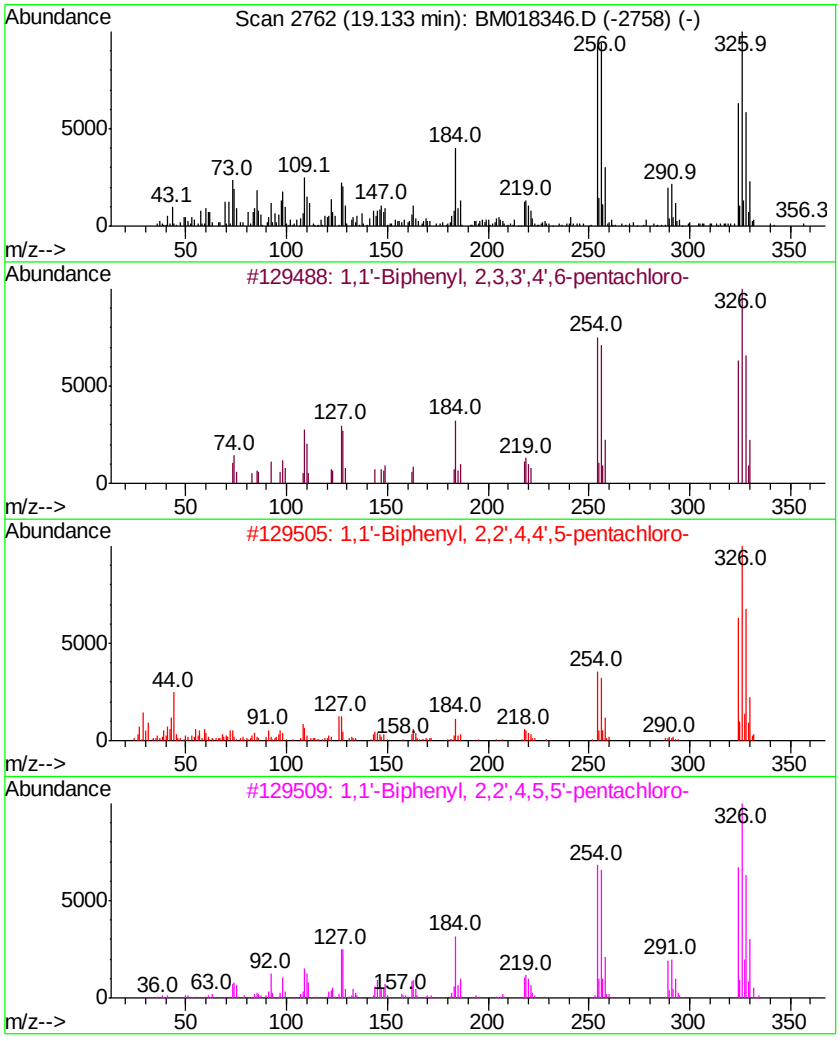
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

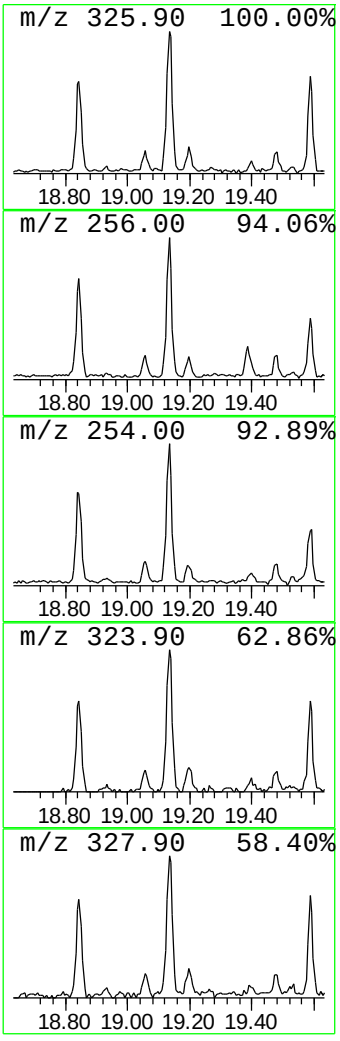
****

Peak Number 14 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	5.56 ng	556957	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
3	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
5	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
Data File : BM018346.D
Acq On : 21 Dec 2018 00:48
Operator : JU/SJ
Sample : J6347-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SD002-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

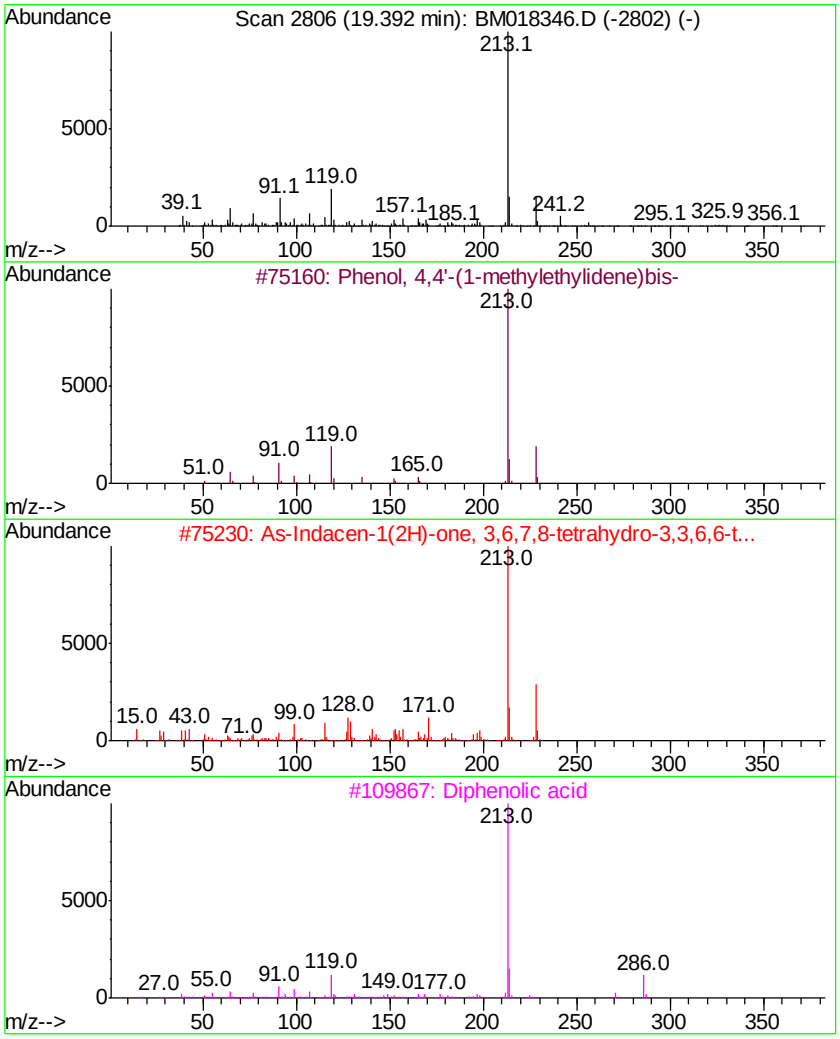
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

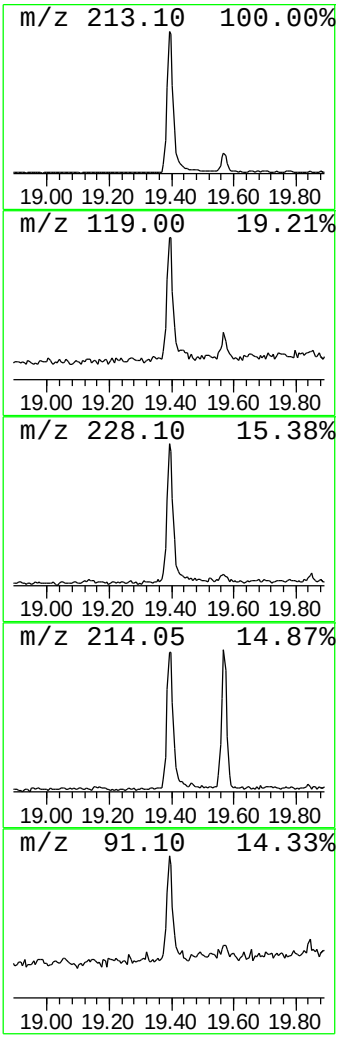
****

Peak Number 15 Phenol, 4,4'-(1-methylethyl... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.39	10.05 ng	1006620	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	96
2	As-Indacen-1(2H)-one, 3,6,7,8-te...	228	C16H20O	055591-18-9	64
3	Diphenolic acid	286	C17H18O4	000126-00-1	59
4	Trimethyl[5-(trimethylsilyl)-2-t...	228	C10H20SSi2	017906-71-7	53
5	2,2'-Bis(p-acetoxyphenyl)propane	312	C19H20O4	010192-62-8	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
Data File : BM018346.D
Acq On : 21 Dec 2018 00:48
Operator : JU/SJ
Sample : J6347-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SD002-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

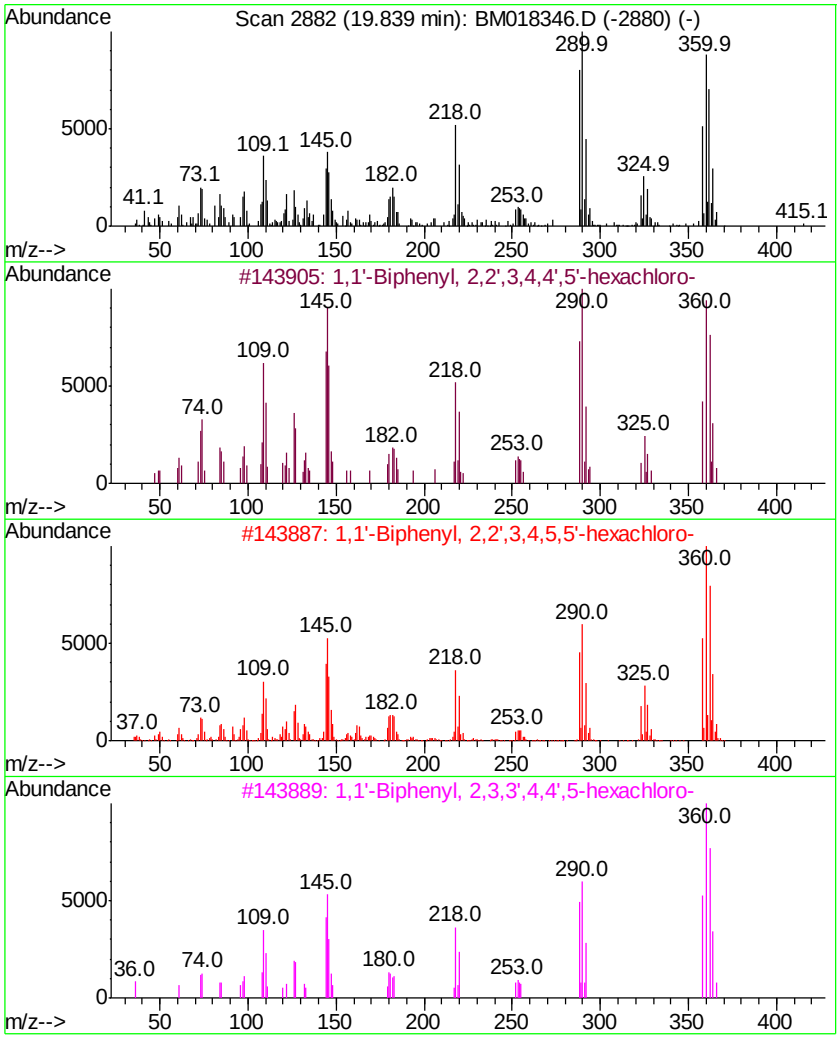
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

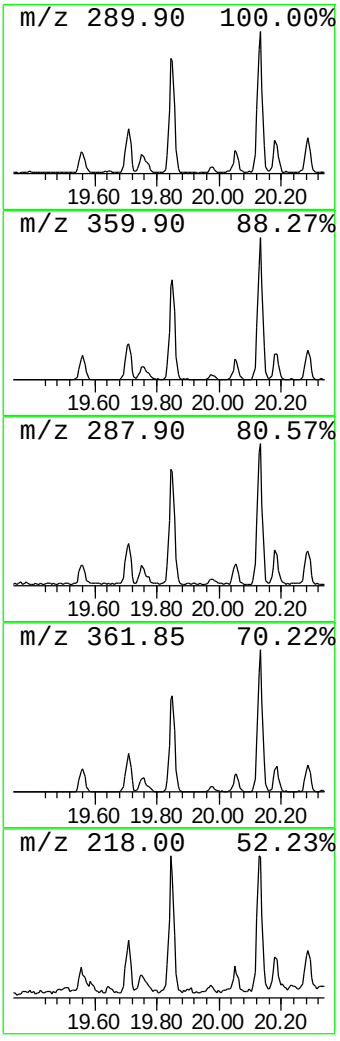
****

Peak Number 16 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	10.19 ng	1020570	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	98
2	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	98
3	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	98
4	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	97
5	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
Data File : BM018346.D
Acq On : 21 Dec 2018 00:48
Operator : JU/SJ
Sample : J6347-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SD002-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

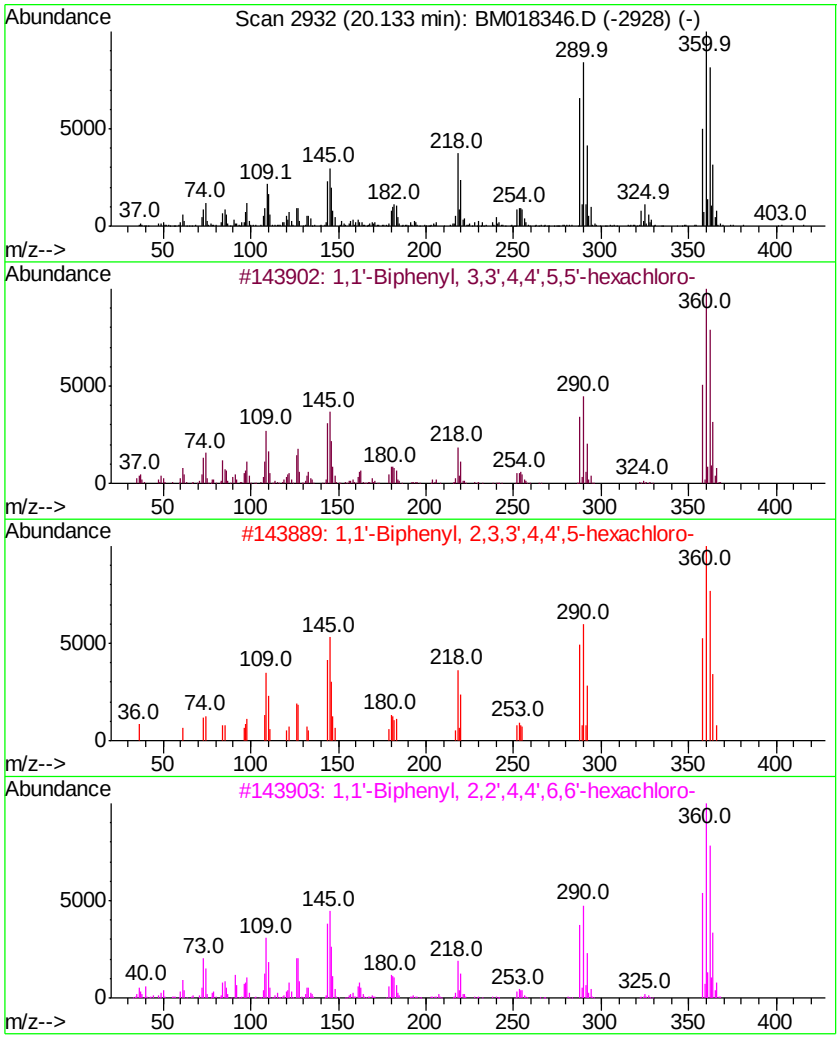
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

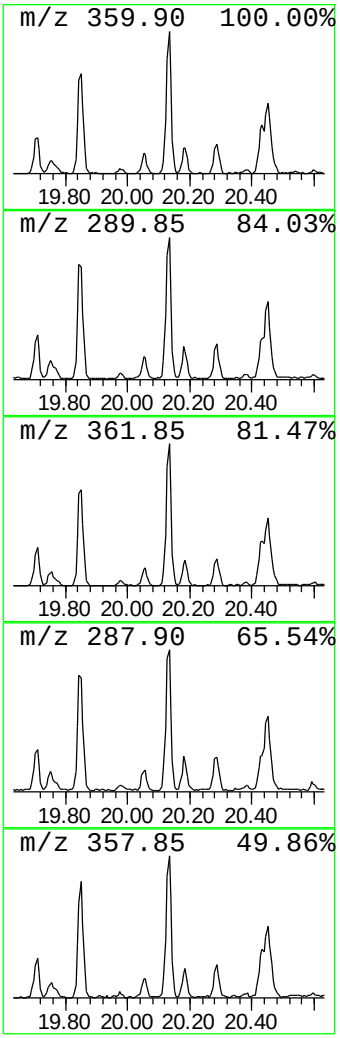
****

Peak Number 17 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.13	10.76 ng	1077690	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
2	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
3	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	98
4	1,1'-Biphenyl, 2,2',3,3',5,6'-he...	358	C12H4Cl6	052744-13-5	96
5	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
Data File : BM018346.D
Acq On : 21 Dec 2018 00:48
Operator : JU/SJ
Sample : J6347-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SD002-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

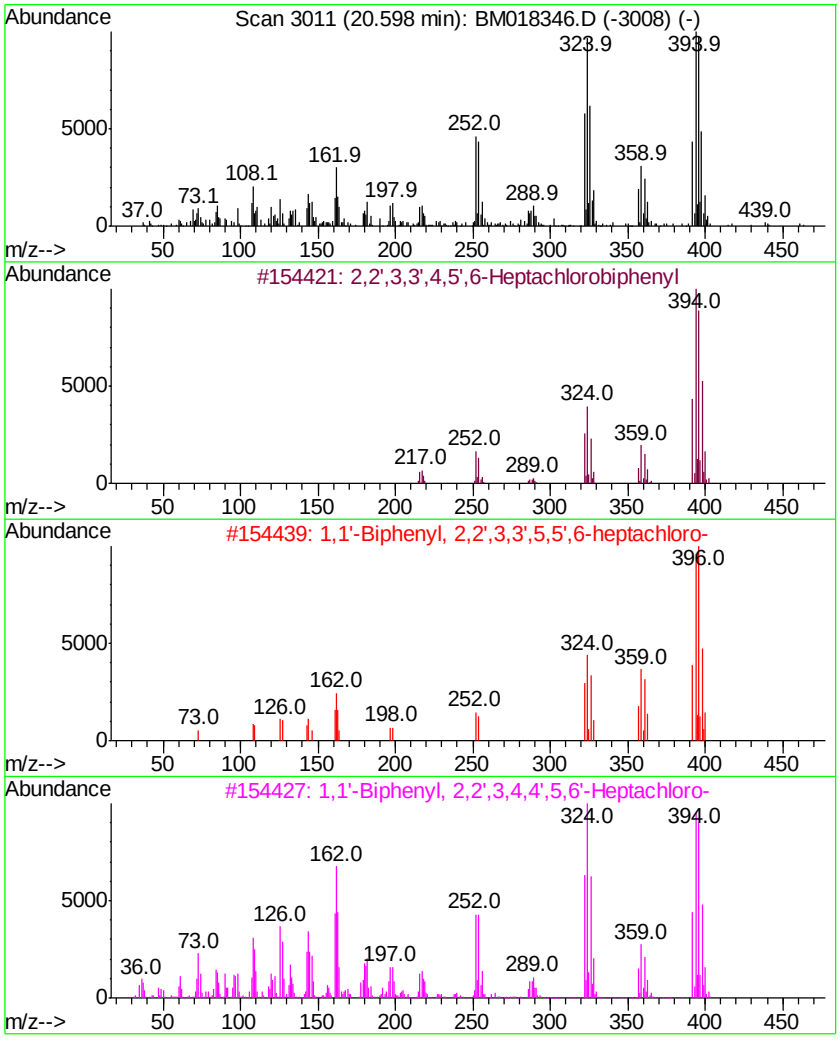
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

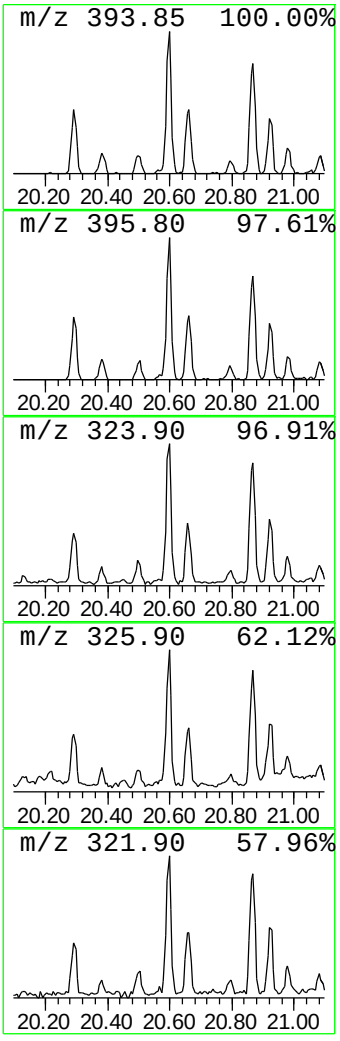
****

Peak Number 18 2,2',3,3',4,5',6-Heptachlor... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.60	5.73 ng	573643	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
2	1,1'-Biphenyl, 2,2',3,3',5,5',6-...	392	C12H3Cl7	052663-67-9	99
3	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99
4	1,1'-Biphenyl, 2,3,3',4,5,5',6-h...	392	C12H3Cl7	074472-51-8	99
5	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
Data File : BM018346.D
Acq On : 21 Dec 2018 00:48
Operator : JU/SJ
Sample : J6347-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SD002-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

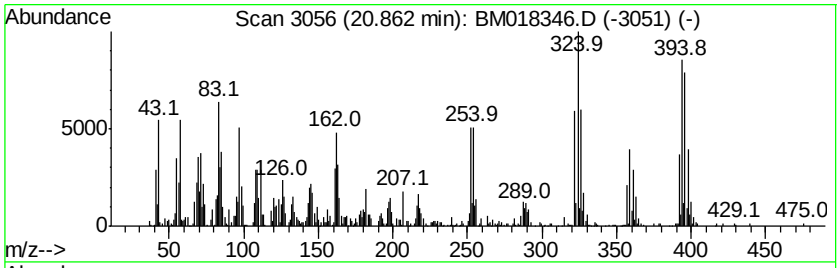
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

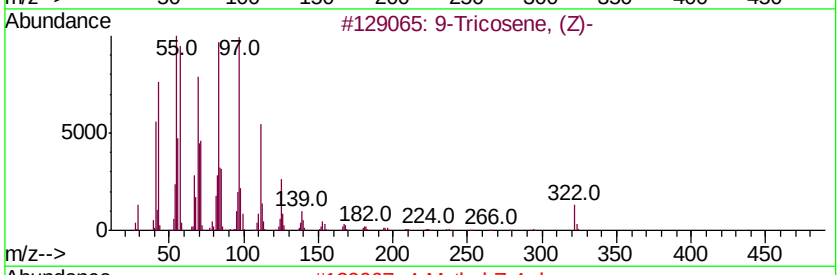
****

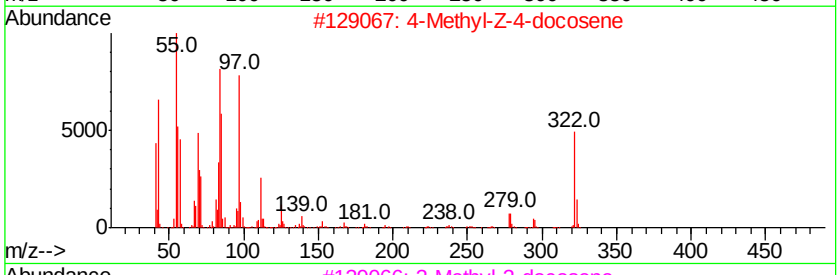
Peak Number 19 9-Tricosene, (Z)- Concentration Rank 9

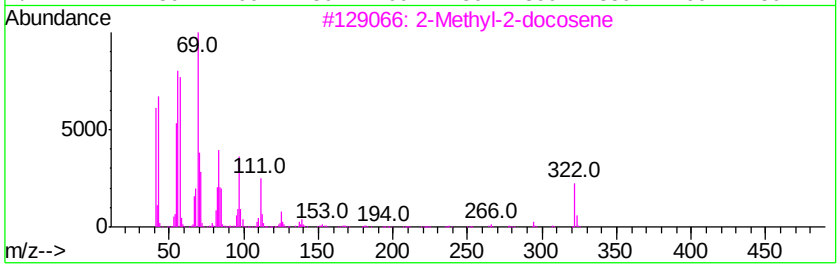
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	12.20 ng	1221550	Chrysene-d12	21.13

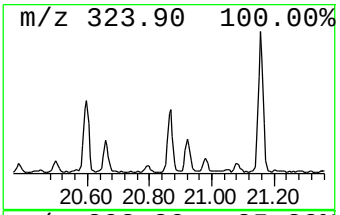
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	53
2	4-Methyl-Z-4-docosene	322	C23H46	1000131-17-0	38
3	2-Methyl-2-docosene	322	C23H46	1000131-16-9	38
4	5-Methyl-Z-5-docosene	322	C23H46	1000131-17-1	25
5	Hexadecanoic acid, 2-hydroxy-, m...	286	C17H34O3	016742-51-1	25

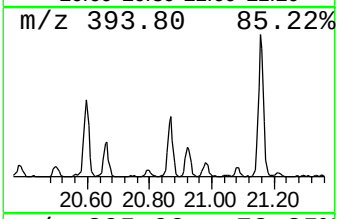


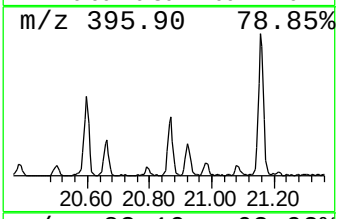


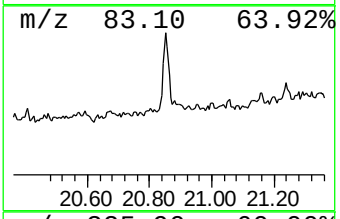


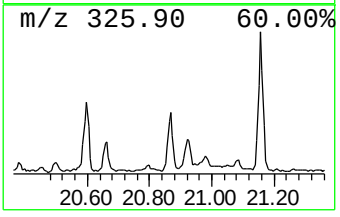












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
Data File : BM018346.D
Acq On : 21 Dec 2018 00:48
Operator : JU/SJ
Sample : J6347-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SD002-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

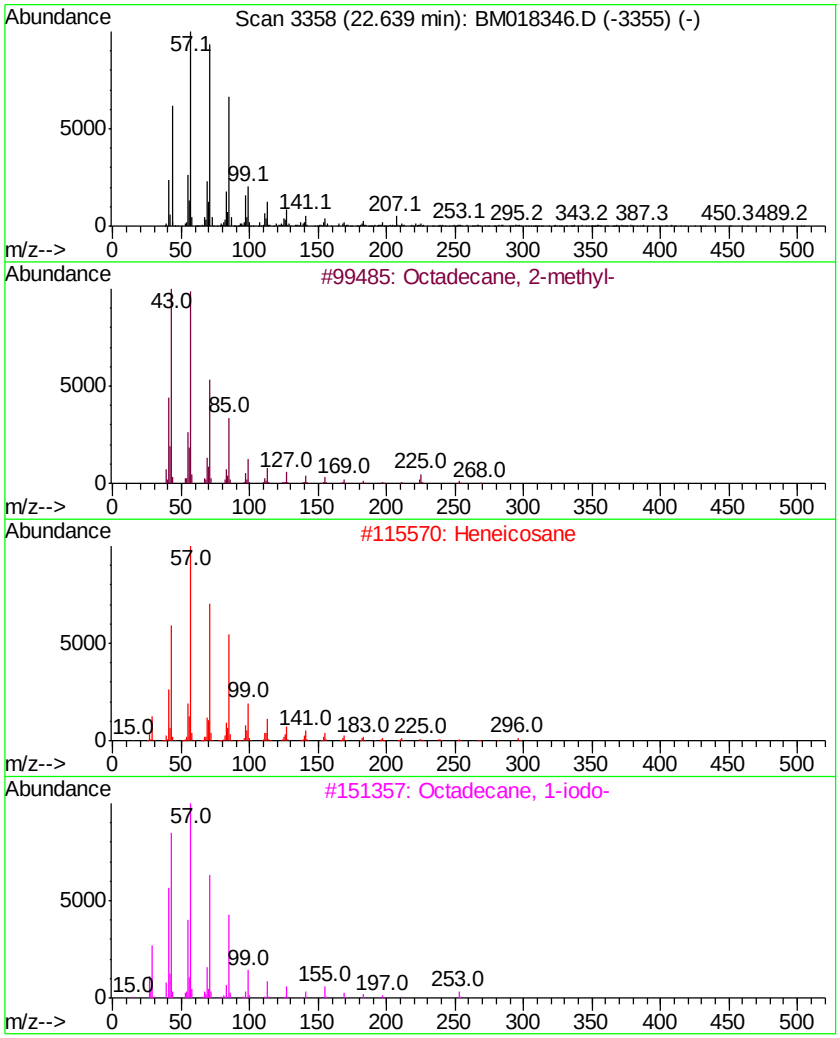
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

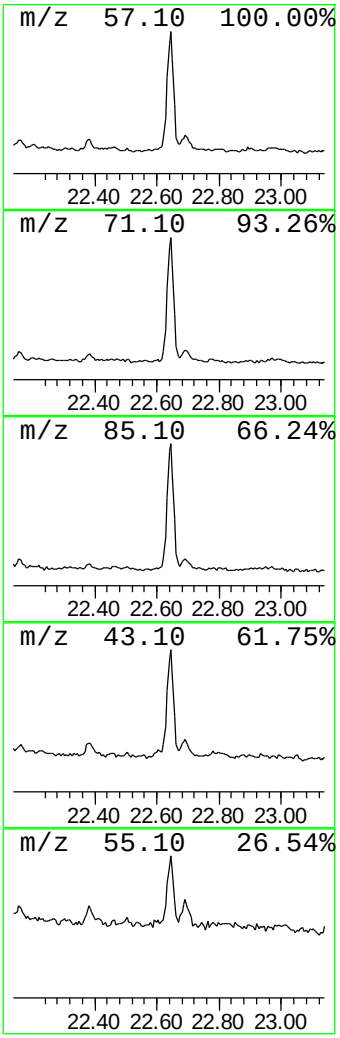
****

Peak Number 20 Octadecane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	16.80 ng	1664290	Perylene-d12	23.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
4	Heptadecane	240	C17H36	000629-78-7	87
5	Nonacosane	408	C29H60	000630-03-5	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122018\
Data File : BM018346.D
Acq On : 21 Dec 2018 00:48
Operator : JU/SJ
Sample : J6347-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SD002-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.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
Butanoic acid	3.78	10.1	ng	526104	1	7.49	1038100	20.0
unknown7.03	7.03	118.7	ng	6160310	1	7.49	1038100	20.0
Benzene, 1,2,3-tr...	7.13	12.9	ng	671067	1	7.49	1038100	20.0
unknown16.98	16.98	10.7	ng	897858	4	16.92	1685940	20.0
unknown17.10	17.10	22.9	ng	1926370	4	16.92	1685940	20.0
unknown17.29	17.29	9.7	ng	821219	4	16.92	1685940	20.0
n-Hexadecanoic acid	17.83	6.3	ng	530995	4	16.92	1685940	20.0
unknown18.00	18.00	7.1	ng	595598	4	16.92	1685940	20.0
1,1'-Biphenyl, 2,...	19.13	5.6	ng	556957	5	21.13	2002460	20.0
Phenol, 4,4'-(1-m...	19.39	10.1	ng	1006620	5	21.13	2002460	20.0
1,1'-Biphenyl, 2,...	19.84	10.2	ng	1020570	5	21.13	2002460	20.0
1,1'-Biphenyl, 3,...	20.13	10.8	ng	1077690	5	21.13	2002460	20.0
2,2',3,3',4,5',6-...	20.60	5.7	ng	573643	5	21.13	2002460	20.0
9-Tricosene, (Z)-	20.86	12.2	ng	1221550	5	21.13	2002460	20.0
Octadecane, 2-met...	22.64	16.8	ng	1664290	6	23.30	1981200	20.0