LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082208.D
Acq On : 11 Oct 2015 7:10
Operator : UM/IZ
Sample : G3979-20
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A11COMP

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-BF101015.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	5.017	249	252	261	rVB	683473	946537	53.62%	3.198%
2	5.440	286	289	291	rBV	1513309	1617618	91.64%	5.465%
3	6.480	377	380	382	rBV	1299310	1633518	92.54%	5.519%
4	6.606	389	391	393	rBV	1891578	1683200	95.35%	5.687%
5	6.663	393	396	399	rVB	27556	37287	2.11%	0.126%
6	6.834	409	411	414	rBV	478530	464797	26.33%	1.570%
7	6.994	422	425	427	rBV	1585383	1396670	79.12%	4.719%
8	7.406	459	461	467	rBV	976417	991350	56.16%	3.349%
9	7.497	467	469	476	rVB2	11460	28951	1.64%	0.098%
10	8.126	521	524	526	rBV	706818	622820	35.28%	2.104%
11	9.200	616	618	621	rBV	1800951	1765254	100.00%	5.964%
12	9.600	651	653	655	rBV	466151	378025	21.41%	1.277%
13	9.886	675	678	679	rBV	448369	639668	36.24%	2.161%
14	9.909	679	680	682	rVB	43763	38123	2.16%	0.129%
15	10.309	711	715	716	rBV2	46415	62442	3.54%	0.211%
16	10.423	724	725	728	rVB	30260	31483	1.78%	0.106%
17	10.675	744	747	749	rBV2	702827	950009	53.82%	3.210%
18	10.778	755	756	761	rVB	55713	79474	4.50%	0.269%
19	11.121	782	786	789	rBV2	12621	27882	1.58%	0.094%
20	11.223	792	795	797	rBV2	36116	47669	2.70%	0.161%
21	11.258	797	798	801	rVB2	32152	35118	1.99%	0.119%
22	11.372	805	808	809	rBV	367602	749487	42.46%	2.532%
23	11.395	809	810	812	rVV	390881	304906	17.27%	1.030%
24	11.441	812	814	816	rVV	114738	114559	6.49%	0.387%
25	11.601	824	828	831	rBV2	38345	71277	4.04%	0.241%
26	11.658	831	833	837	rBV2	31534	43554	2.47%	0.147%
27	11.863	849	851	852	rBV	84076	82693	4.68%	0.279%
28	11.898	852	854	856	rVV	285429	287465	16.28%	0.971%
29	11.943	856	858	859	rVV2	36237	50168	2.84%	0.169%
30	11.978	859	861	865	rVB2	128176	167810	9.51%	0.567%
31	12.092	870	871	874	rVB2	38087	58781	3.33%	0.199%
32	12.161	876	877	878	rVV	42489	44085	2.50%	0.149%
33	12.195	878	880	887	rVB	64520	89857	5.09%	0.304%
34	12.412	898	899	901	rVV	28206	40670	2.30%	0.137%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082208.D
Acq On : 11 Oct 2015 7:10
Operator : UM/IZ
Sample : G3979-20
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A11COMP

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-BF101015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.504	905	907	911	rBV	51961	49740	2.82%	0.168%
36	12.584	911	914	916	rBV	1130539	1165366	66.02%	3.937%
37	12.641	916	919	920	rVV2	52559	60911	3.45%	0.206%
38	12.675	920	922	924	rVV2	96900	124847	7.07%	0.422%
39	12.732	924	927	928	rVV3	29687	41997	2.38%	0.142%
40	12.812	928	934	936	rVV	925589	1354133	76.71%	4.575%
41	12.858	936	938	939	rVV2	36030	44670	2.53%	0.151%
42	12.892	939	941	942	rVB	107603	89310	5.06%	0.302%
43	12.949	944	946	949	rVV	1107309	1379550	78.15%	4.661%
44	13.029	949	953	955	rVB2	56156	94922	5.38%	0.321%
45	13.132	959	962	964	rVB	83794	144487	8.19%	0.488%
46	13.178	964	966	967	rBV	21183	33448	1.89%	0.113%
47	13.201	967	968	969	rVV	62167	53255	3.02%	0.180%
48	13.235	969	971	975	rVV4	74100	123107	6.97%	0.416%
49	13.326	978	979	981	rVB	32670	33358	1.89%	0.113%
50	13.361	981	982	984	rBV	35468	35219	2.00%	0.119%
51	13.429	986	988	991	rVB	130074	186017	10.54%	0.628%
52	13.475	991	992	994	rVB	81633	74163	4.20%	0.251%
53	13.521	994	996	998	rBV2	49441	82837	4.69%	0.280%
54	13.646	1005	1007	1011	rVB	86187	107052	6.06%	0.362%
55	13.749	1014	1016	1018	rBV2	81844	136201	7.72%	0.460%
56	13.784	1018	1019	1020	rVV	84303	79406	4.50%	0.268%
57	13.806	1020	1021	1023	rVV2	89153	110280	6.25%	0.373%
58	13.852	1023	1025	1029	rVV	283009	355366	20.13%	1.201%
59	13.921	1029	1031	1034	rVB	16445	28786	1.63%	0.097%
60	14.001	1034	1038	1040	rBV2	726941	1323332	74.97%	4.471%
61	14.035	1040	1041	1045	rVV	561554	501668	28.42%	1.695%
62	14.115	1045	1048	1049	rVV	100450	139590	7.91%	0.472%
63	14.161	1049	1052	1055	rVV3	42094	125492	7.11%	0.424%
64	14.218	1055	1057	1062	rVB3	42507	101519	5.75%	0.343%
65	14.355	1067	1069	1070	rBV2	31365	33410	1.89%	0.113%
66	14.389	1070	1072	1074	rVV	56768	72601	4.11%	0.245%
67	14.435	1074	1076	1077	rVB2	30699	41622	2.36%	0.141%
68	14.481	1077	1080	1087	rBV4	87009	281127	15.93%	0.950%
69	14.698	1097	1099	1103	rBV3	30700	77014	4.36%	0.260%
70	14.767	1103	1105	1107	rVV3	44888	85122	4.82%	0.288%
71	14.812	1107	1109	1110	rVV	20814	30756	1.74%	0.104%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082208.D
Acq On : 11 Oct 2015 7:10
Operator : UM/IZ
Sample : G3979-20
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A11COMP

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-BF101015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.847	1110	1112	1113	rVV	35142	49915	2.83%	0.169%
73	14.881	1113	1115	1116	rVV2	39604	61641	3.49%	0.208%
74	14.915	1116	1118	1119	rVV2	45919	60365	3.42%	0.204%
75	14.938	1119	1120	1122	rVV2	24090	33369	1.89%	0.113%
76	15.029	1125	1128	1132	rBV	534073	1131583	64.10%	3.823%
77	15.098	1132	1134	1135	rVV2	74678	103332	5.85%	0.349%
78	15.132	1135	1137	1139	rVV	142503	191935	10.87%	0.648%
79	15.235	1143	1146	1148	rBV2	27803	76795	4.35%	0.259%
80	15.327	1151	1154	1157	rVB	317056	434307	24.60%	1.467%
81	15.384	1157	1159	1162	rBV	413547	513994	29.12%	1.737%
82	15.441	1162	1164	1170	rVV2	311299	666015	37.73%	2.250%
83	15.658	1180	1183	1186	rVB2	47269	72940	4.13%	0.246%
84	15.875	1199	1202	1205	rBV	101390	172767	9.79%	0.584%
85	15.944	1205	1208	1210	rVV2	34637	72705	4.12%	0.246%
86	15.990	1210	1212	1214	rVV2	15471	29495	1.67%	0.100%
87	16.435	1249	1251	1254	rBV3	13812	28830	1.63%	0.097%
88	16.641	1266	1269	1270	rBV2	28979	48718	2.76%	0.165%
89	16.847	1284	1287	1291	rBV2	185029	395183	22.39%	1.335%
90	17.018	1298	1302	1305	rBV2	42645	121944	6.91%	0.412%
91	17.087	1305	1308	1310	rVV2	24467	54051	3.06%	0.183%
92	17.281	1321	1325	1331	rBV	156179	355888	20.16%	1.202%
93	17.395	1331	1335	1342	rVV7	34716	107898	6.11%	0.365%
94	17.510	1342	1345	1350	rVB2	22976	59176	3.35%	0.200%
95	17.864	1370	1376	1379	rBV7	18987	68466	3.88%	0.231%
96	18.367	1416	1420	1427	rVB7	18802	64631	3.66%	0.218%
97	19.373	1504	1508	1509	rBV3	17588	42316	2.40%	0.143%
98	19.624	1526	1530	1534	rBV2	16035	48735	2.76%	0.165%
99	20.516	1603	1608	1611	rBV2	12404	45783	2.59%	0.155%
100	20.596	1612	1615	1627	rVB2	21953	101274	5.74%	0.342%

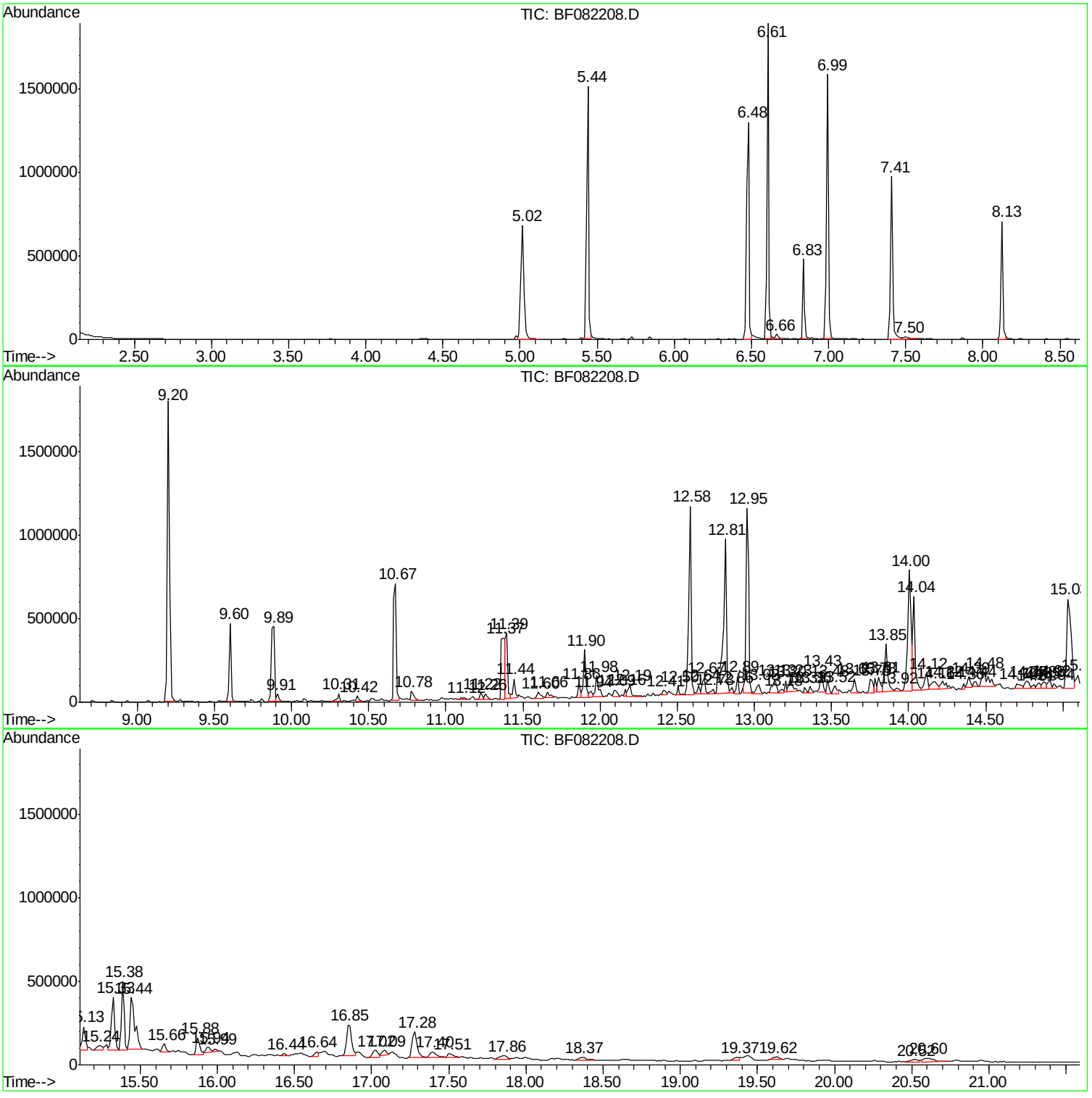
Sum of corrected areas: 29598939

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082208.D
Acq On : 11 Oct 2015 7:10
Operator : UM/IZ
Sample : G3979-20
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A11COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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\BF101015\
Data File : BF082208.D
Acq On : 11 Oct 2015 7:10
Operator : UM/IZ
Sample : G3979-20
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A11COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

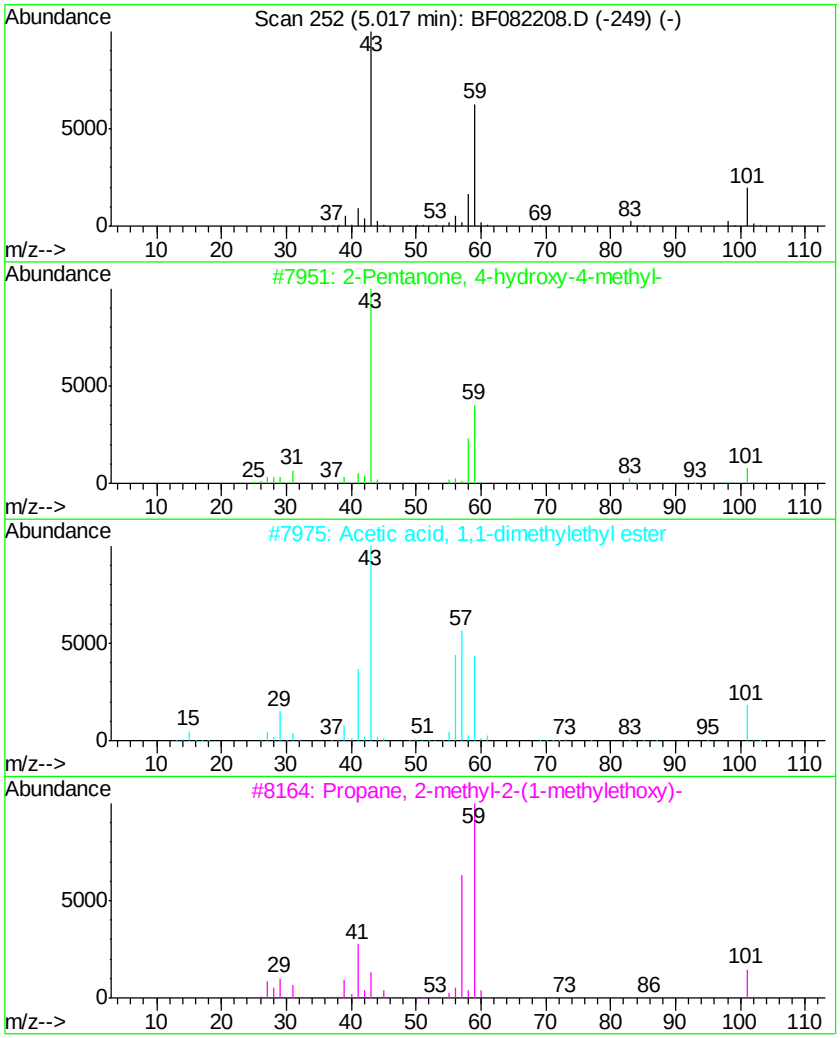
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

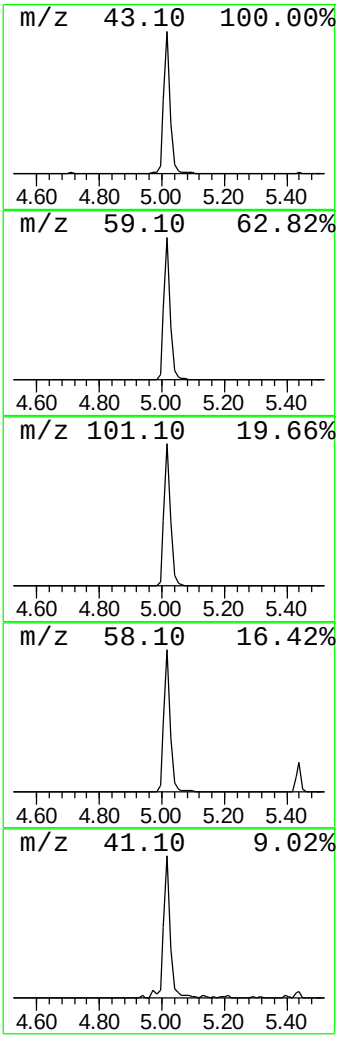
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	40.73 ng	946537	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082208.D
Acq On : 11 Oct 2015 7:10
Operator : UM/IZ
Sample : G3979-20
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A11COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

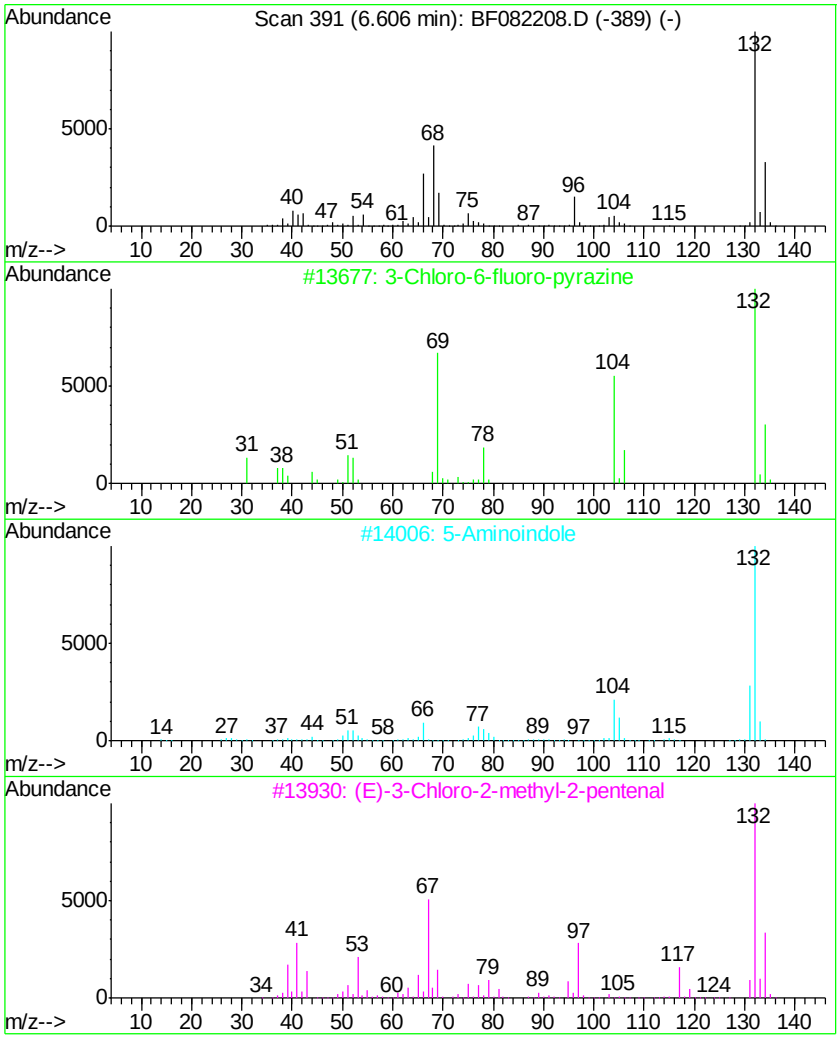
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

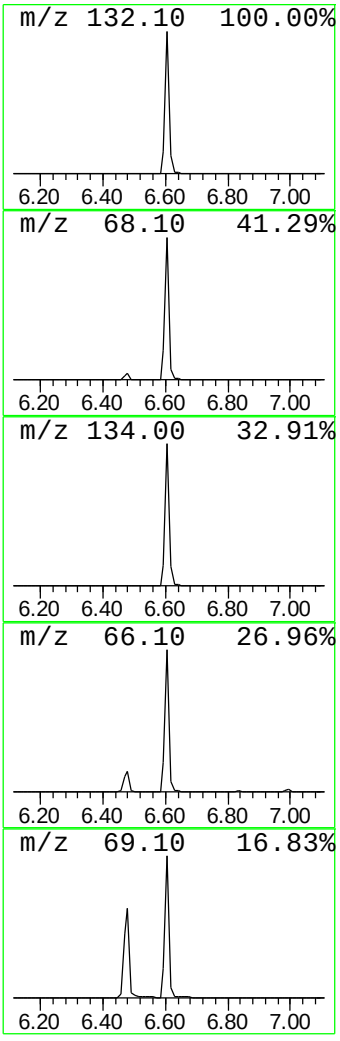
****

Peak Number 2 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	72.43 ng	1683200	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
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	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082208.D
Acq On : 11 Oct 2015 7:10
Operator : UM/IZ
Sample : G3979-20
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A11COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

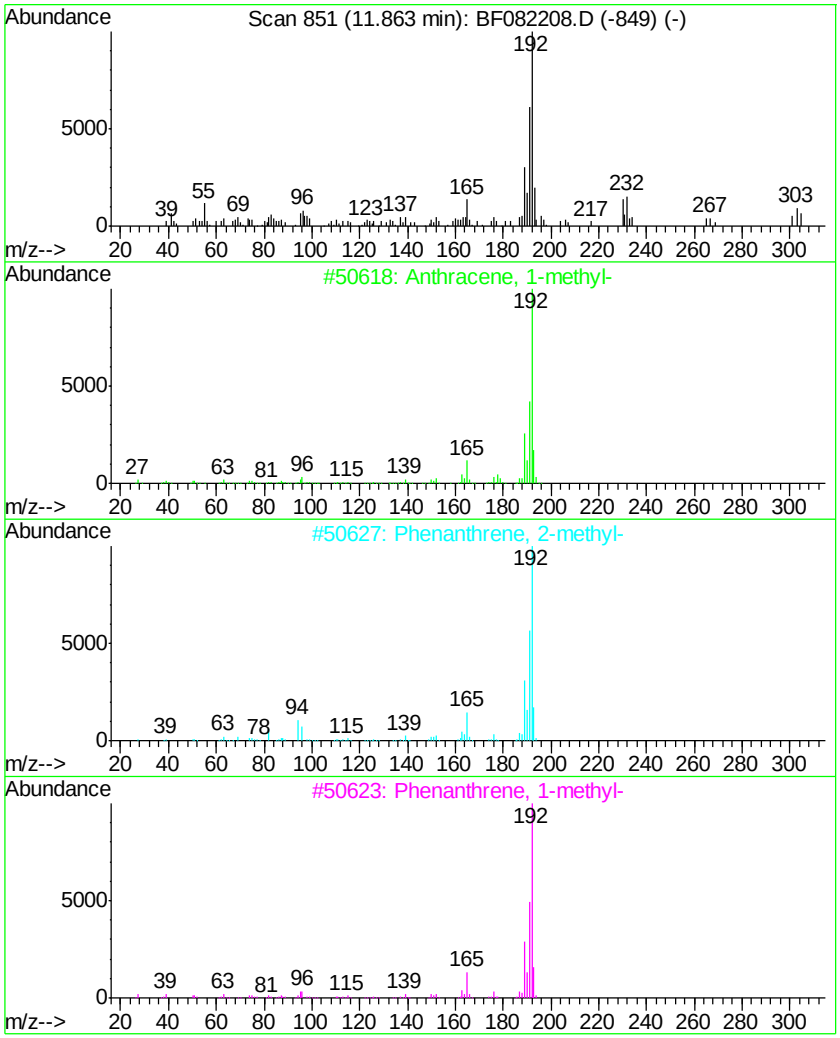
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

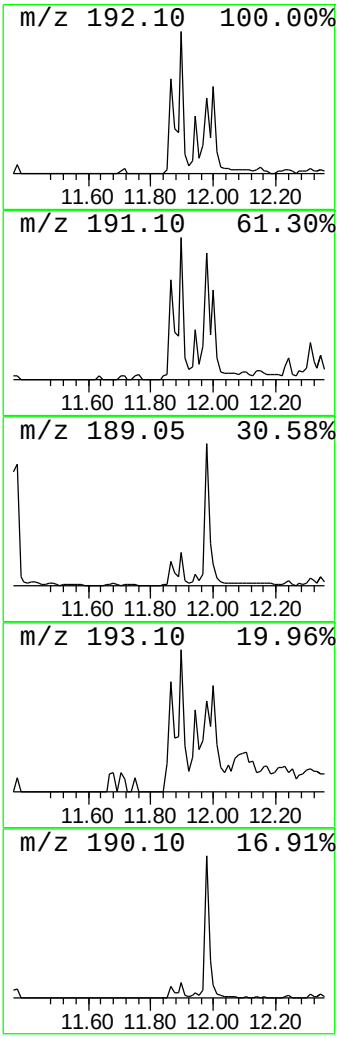
****

Peak Number 4 Anthracene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.21 ng	82693	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	83





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082208.D
Acq On : 11 Oct 2015 7:10
Operator : UM/IZ
Sample : G3979-20
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A11COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

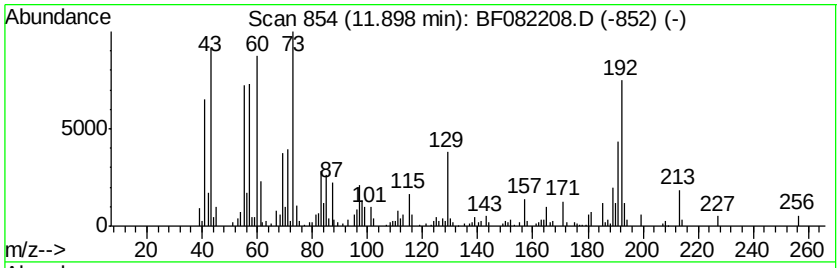
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

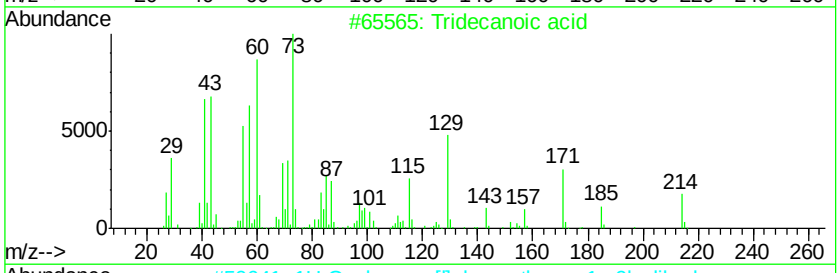
****

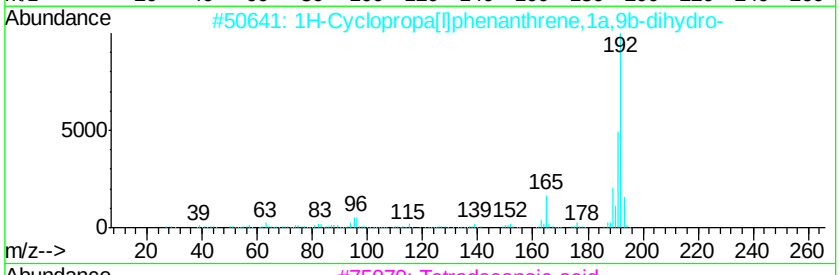
Peak Number 5 Tridecanoic acid Concentration Rank 5

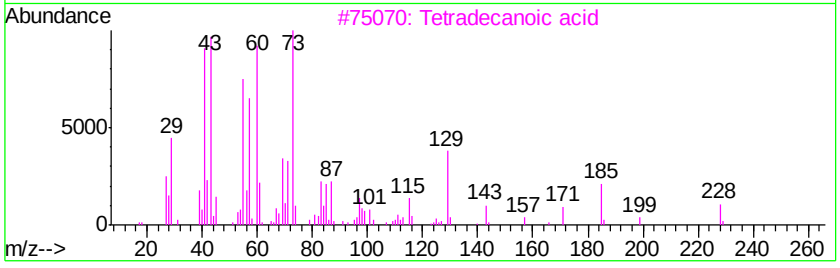
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	7.67 ng	287465	Phenanthrene-d10	11.37

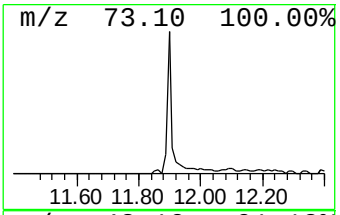
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	90
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	60
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	47
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	43

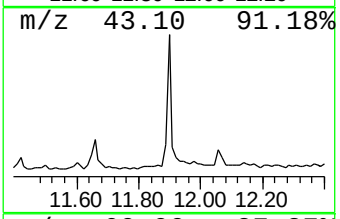


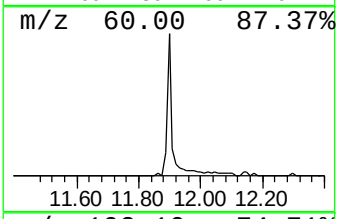


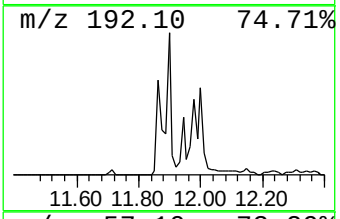


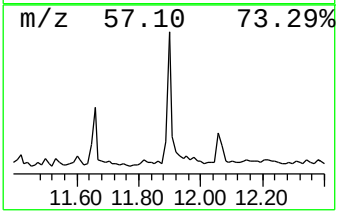












Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082208.D
Acq On : 11 Oct 2015 7:10
Operator : UM/IZ
Sample : G3979-20
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A11COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

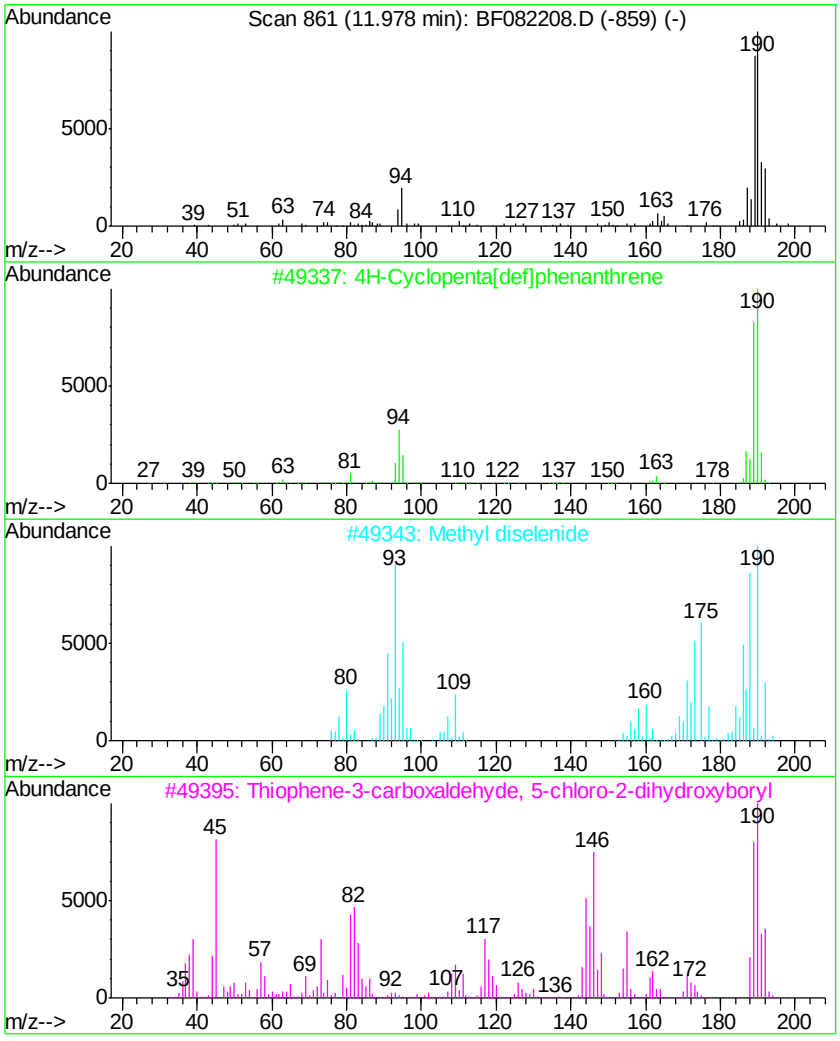
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

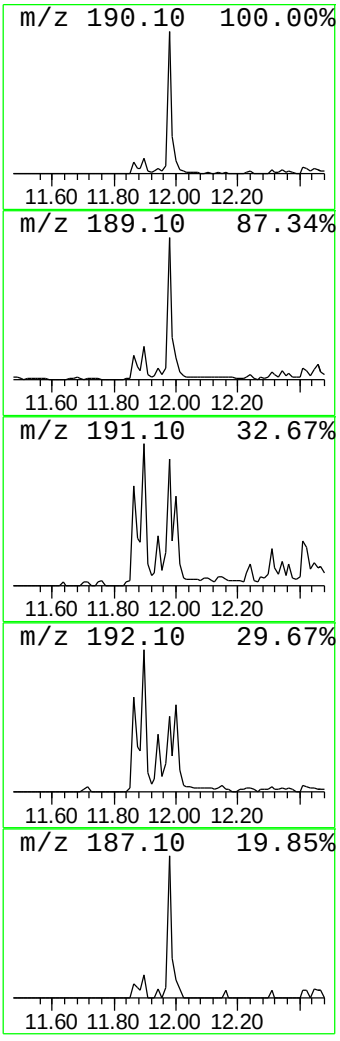
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	4.48 ng	167810	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
2	Methyl diselenide	190	C2H6Se2	007101-31-7	55
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	6,7-Methylenedioxy-4(3H)-quinazo...	190	C9H6N2O3	028310-11-4	33





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082208.D
Acq On : 11 Oct 2015 7:10
Operator : UM/IZ
Sample : G3979-20
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A11COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

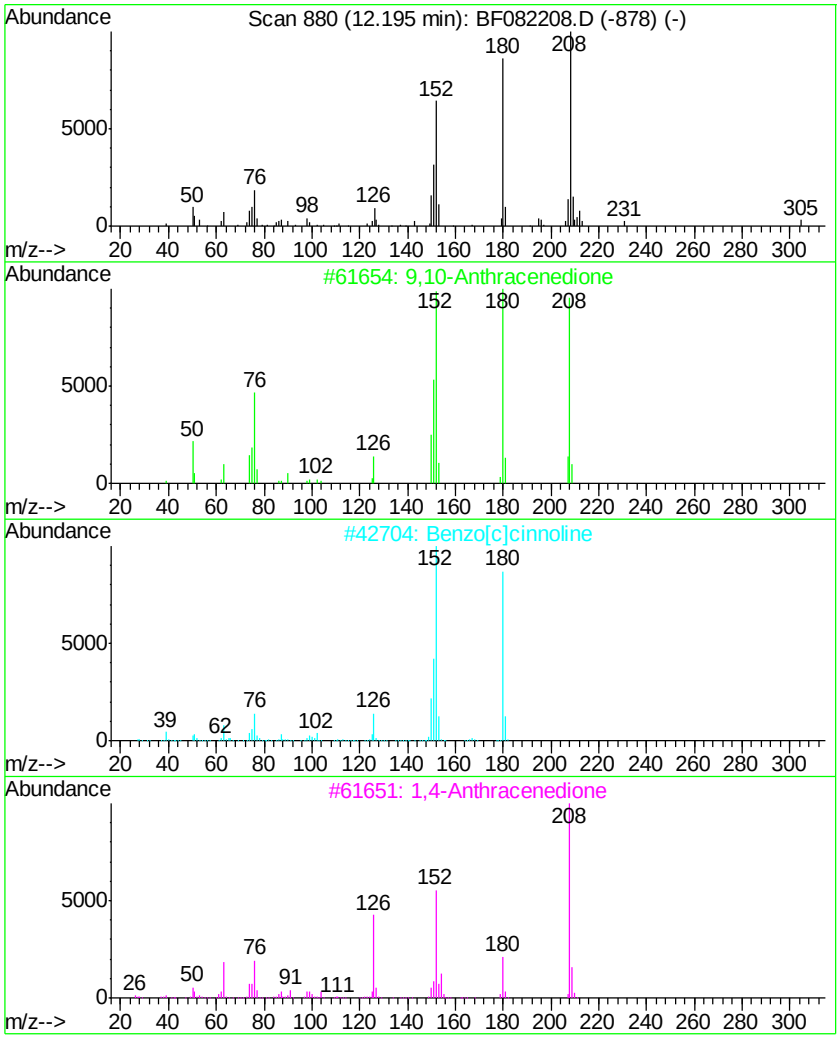
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

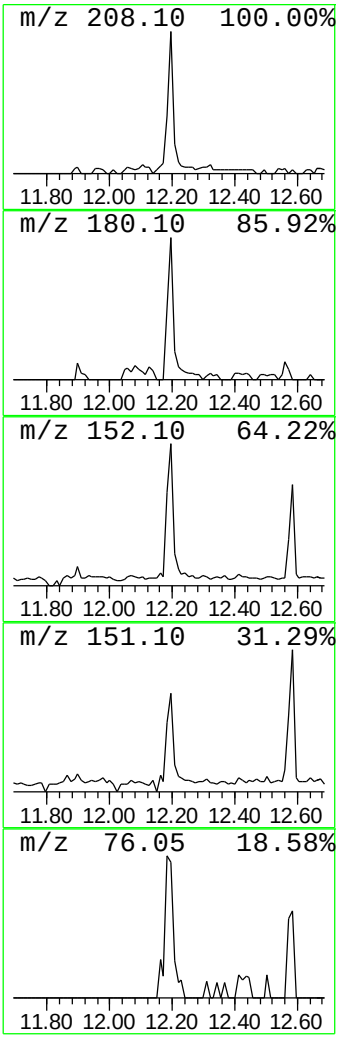
****

Peak Number 7 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	2.40 ng	89857	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
3	1,4-Anthracenedione	208	C14H8O2	000635-12-1	53
4	Naphthalene, 1,2,3,4-tetrahydro-...	208	C16H16	003018-20-0	52
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	50





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082208.D
Acq On : 11 Oct 2015 7:10
Operator : UM/IZ
Sample : G3979-20
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A11COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

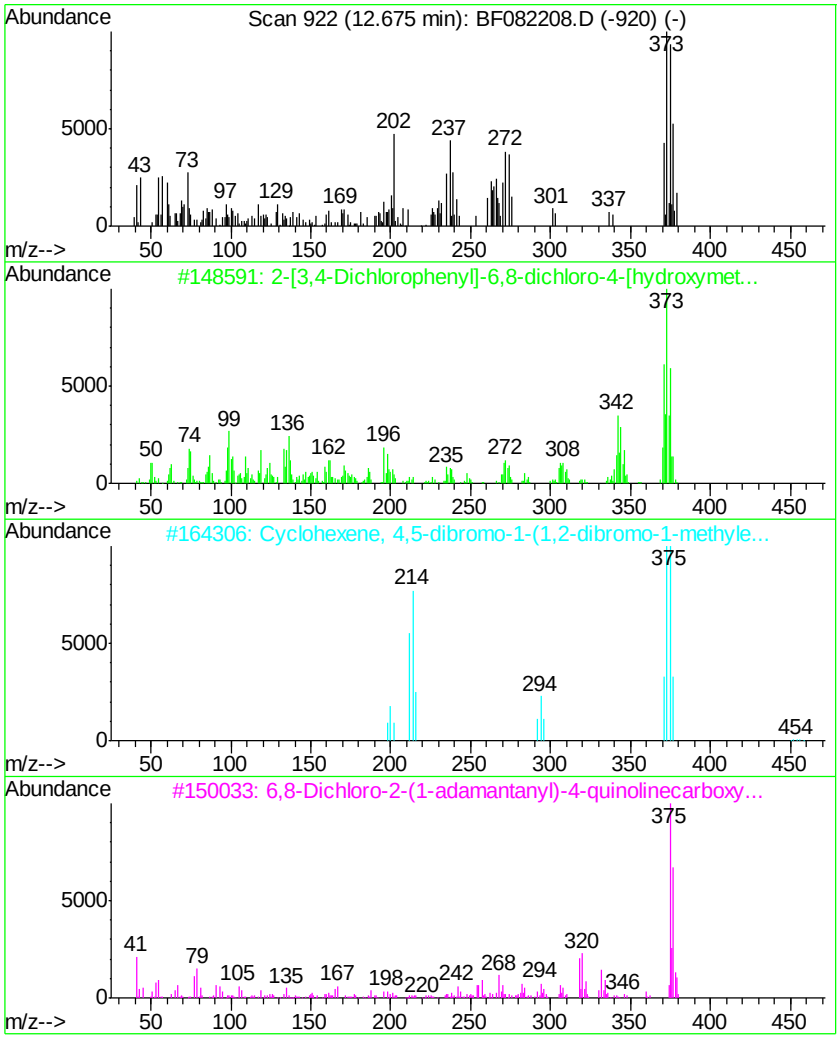
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

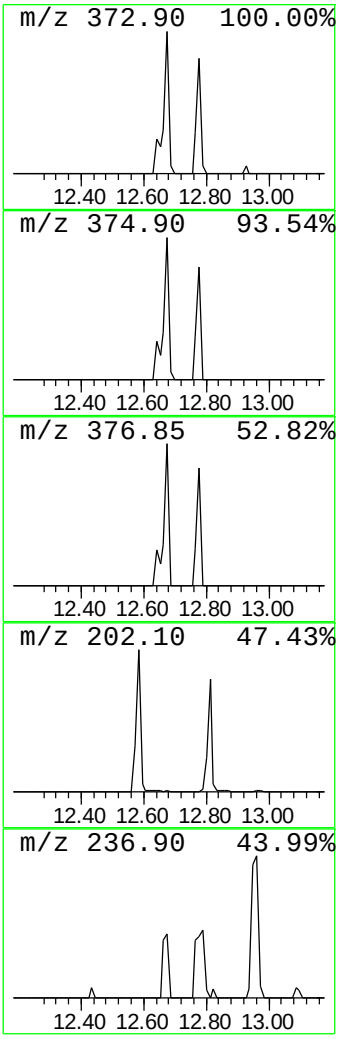
****

Peak Number 8 unknown12.68 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	3.33 ng	124847	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[3,4-Dichlorophenyl]-6,8-dichl...	371	C16H9Cl4NO	038599-01-8	23
2	Cyclohexene, 4,5-dibromo-1-(1,2-...	450	C10H14Br4	070168-60-4	23
3	6,8-Dichloro-2-(1-adamantanyl)-4...	375	C20H19Cl2NO2	049647-91-8	10
4	2,4,6-Tribromophenyl isothiocyanate	369	C7H2Br3NS	022134-11-8	10
5	Pyrazol-5(4H)-one, 3-(4-nitrophe...	375	C20H13N3O3S	1000274-00-1	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082208.D
Acq On : 11 Oct 2015 7:10
Operator : UM/IZ
Sample : G3979-20
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A11COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

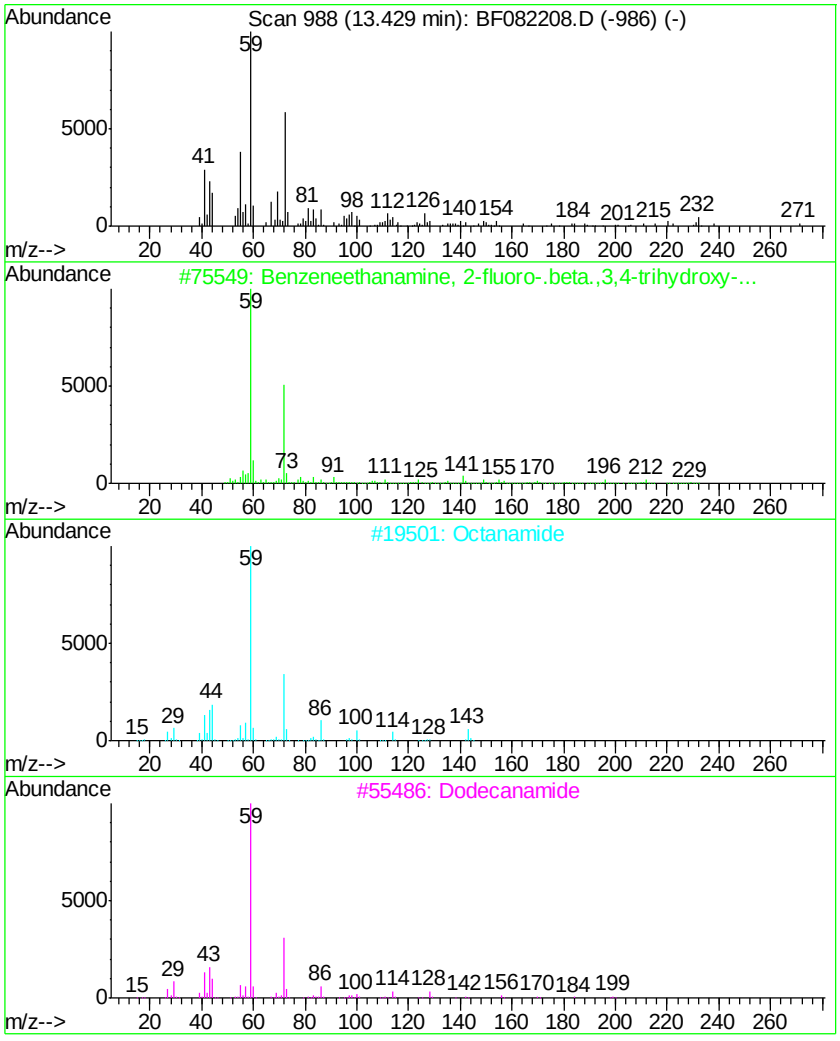
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

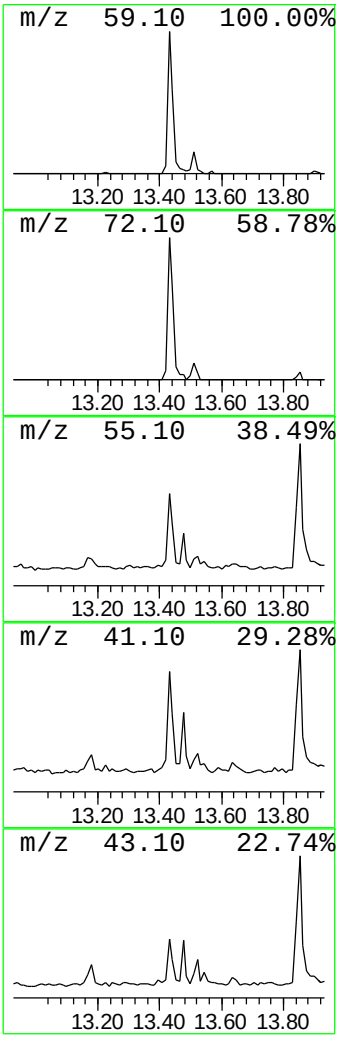
****

Peak Number 9 Benzeneethanamine, 2-fluoro... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	2.81 ng	186017	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	72
2	Octanamide	143	C8H17NO	000629-01-6	59
3	Dodecanamide	199	C12H25NO	001120-16-7	59
4	Nonanamide	157	C9H19NO	001120-07-6	59
5	Hexadecanamide	255	C16H33NO	000629-54-9	56





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082208.D
Acq On : 11 Oct 2015 7:10
Operator : UM/IZ
Sample : G3979-20
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A11COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

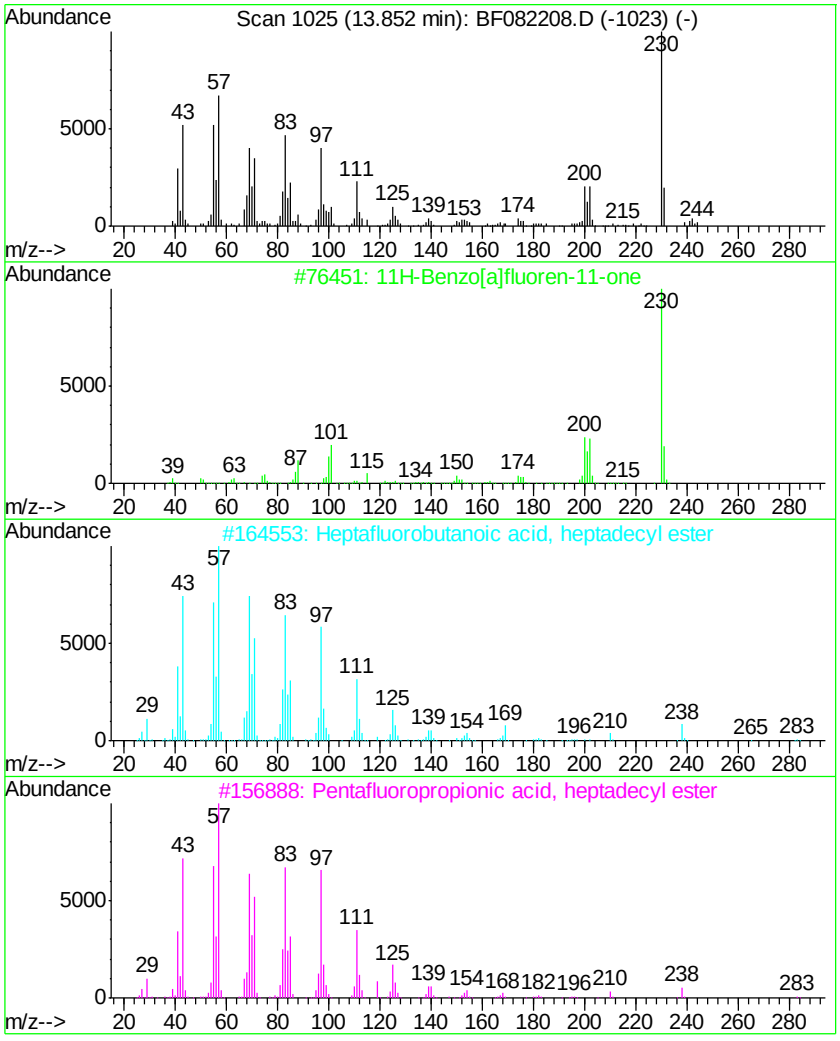
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

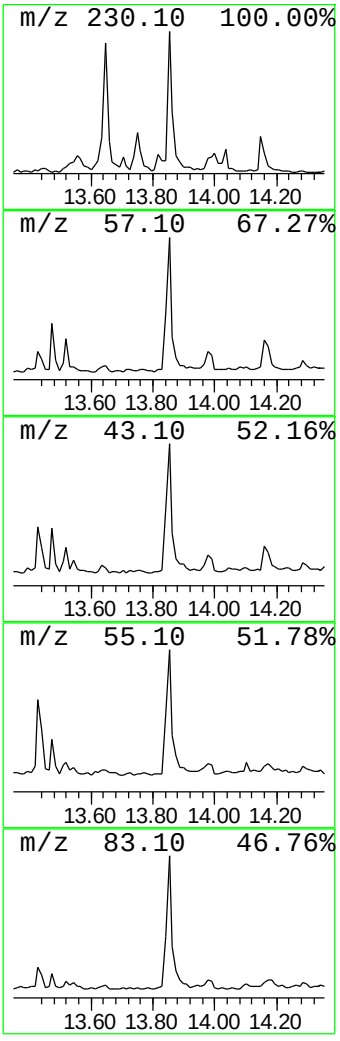
****

Peak Number 10 11H-Benzo[a]fluoren-11-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	5.37 ng	355366	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	90
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	62
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	46
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	46
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	45





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082208.D
Acq On : 11 Oct 2015 7:10
Operator : UM/IZ
Sample : G3979-20
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A11COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

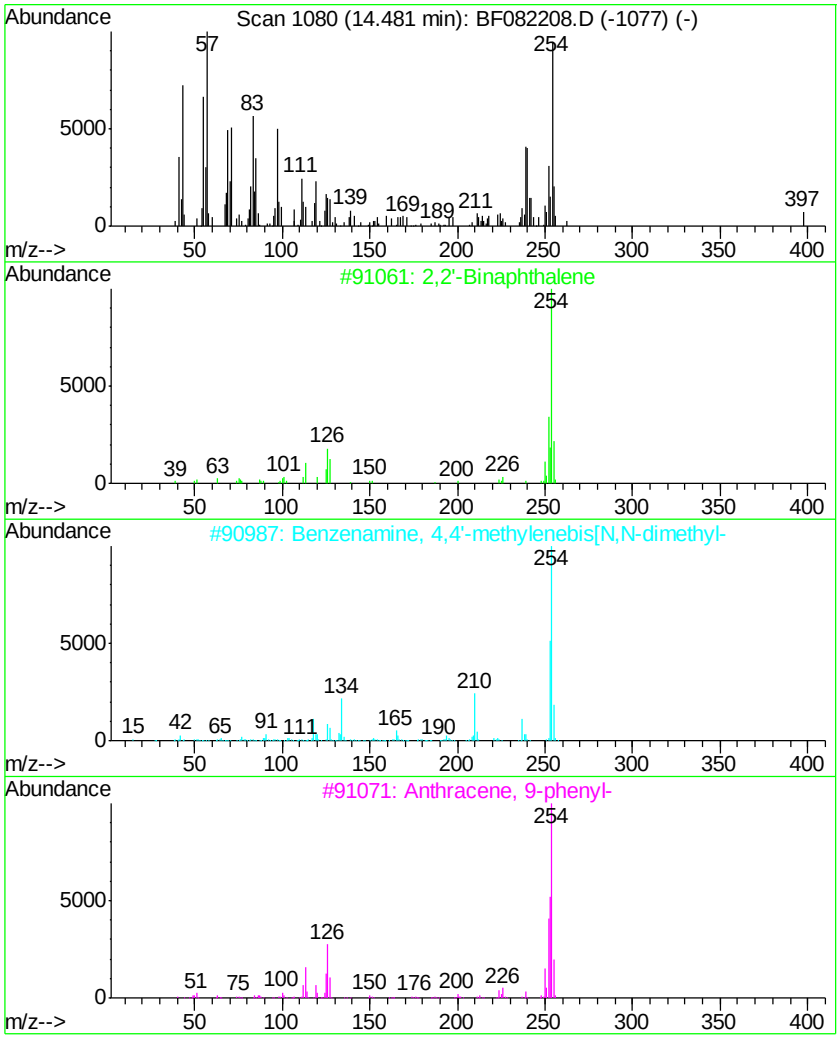
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

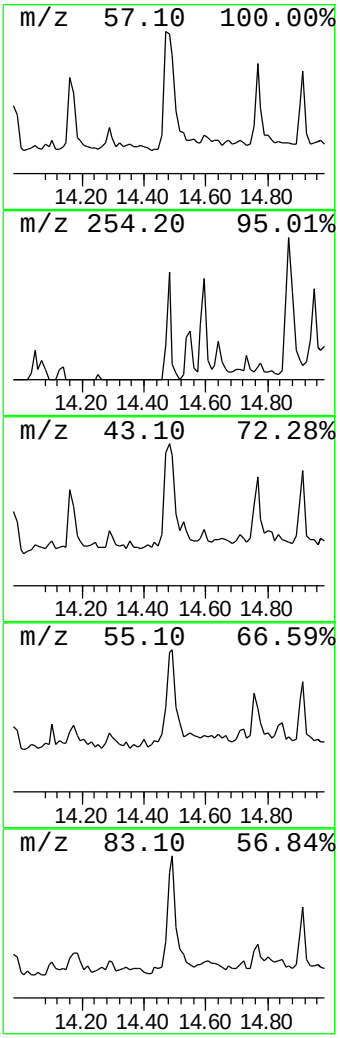
****

Peak Number 11 unknown14.48 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	4.25 ng	281127	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-Binaphthalene	254	C20H14	000612-78-2	38
2	Benzenamine, 4,4'-methylenebis[N...	254	C17H22N2	000101-61-1	38
3	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	30
4	1,2'-Binaphthalene	254	C20H14	004325-74-0	30
5	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	30





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082208.D
Acq On : 11 Oct 2015 7:10
Operator : UM/IZ
Sample : G3979-20
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A11COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

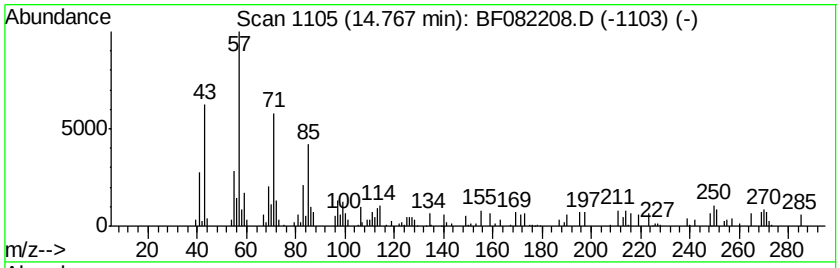
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

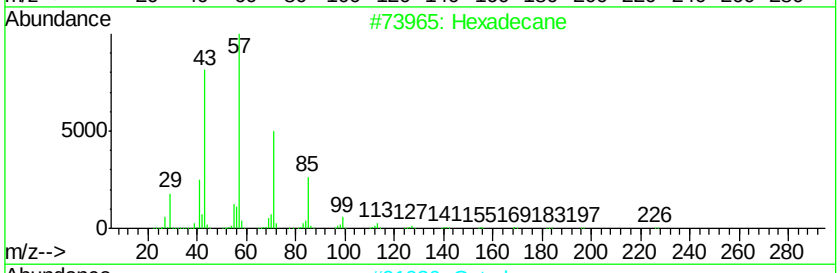
****

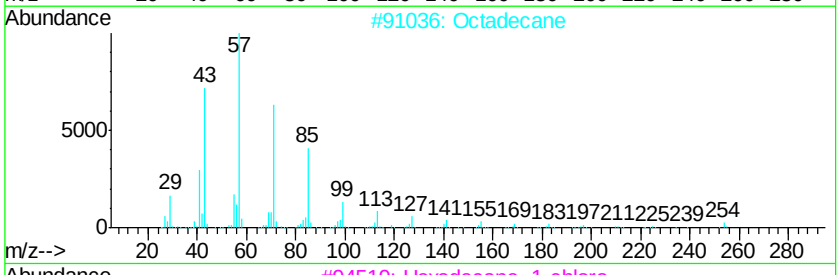
Peak Number 12 Hexadecane Concentration Rank 17

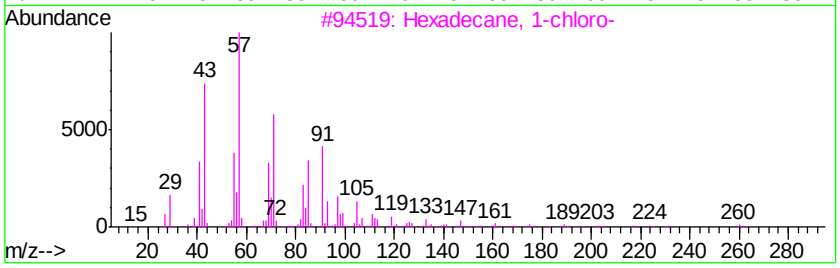
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	2.56 ng	85122	Perylene-d12	15.44

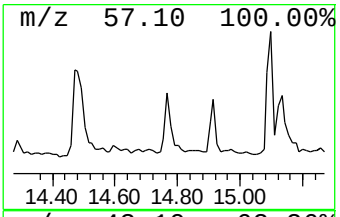
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	64
2	Octadecane	254	C18H38	000593-45-3	64
3	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	53
4	Tritetracontane	605	C43H88	007098-21-7	52
5	Tetratetracontane	619	C44H90	007098-22-8	52

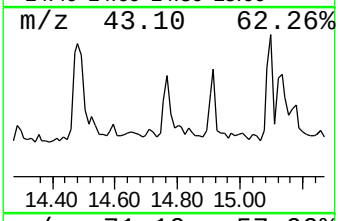


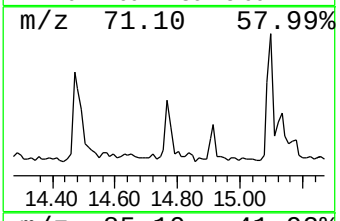


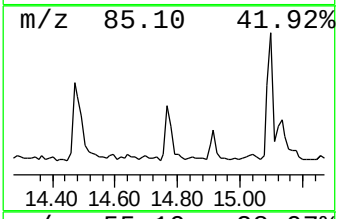


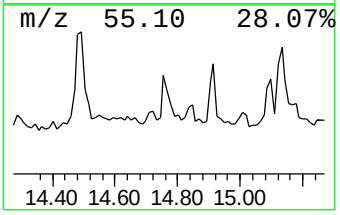












Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082208.D
Acq On : 11 Oct 2015 7:10
Operator : UM/IZ
Sample : G3979-20
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A11COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

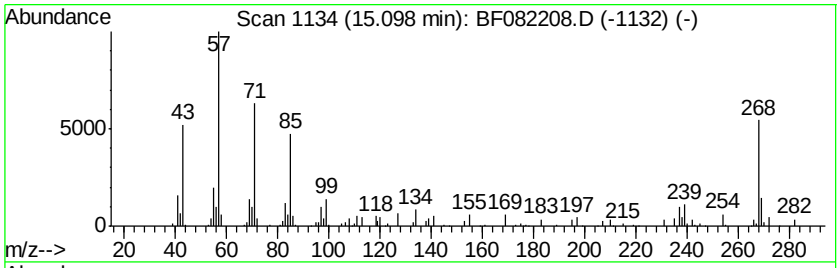
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

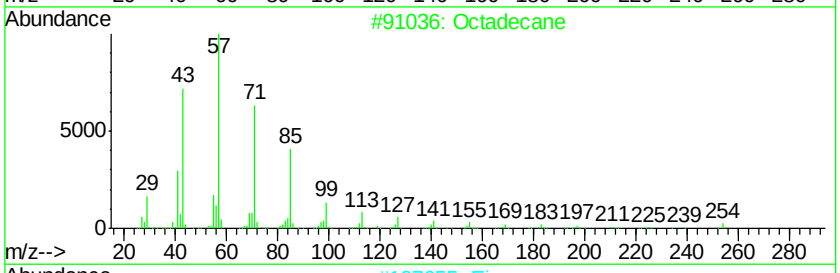
****

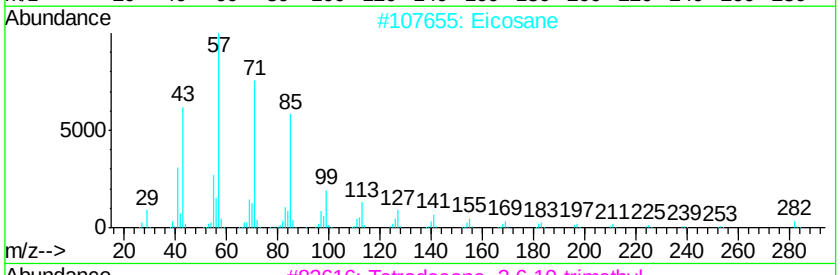
Peak Number 13 Octadecane Concentration Rank 14

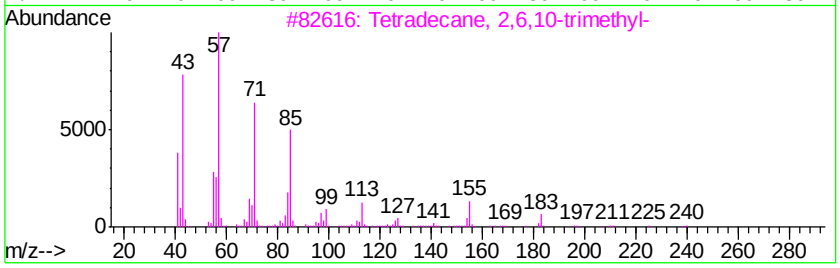
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	3.10 ng	103332	Perylene-d12	15.44

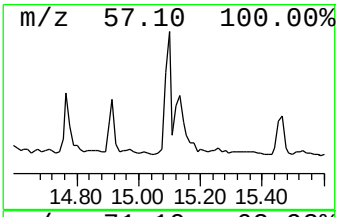
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	64
2	Eicosane	282	C20H42	000112-95-8	50
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	46
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	45
5	Tetratriacontane	479	C34H70	014167-59-0	41

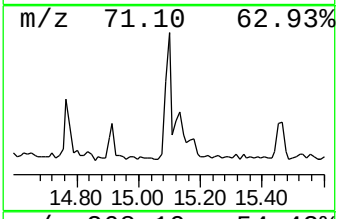


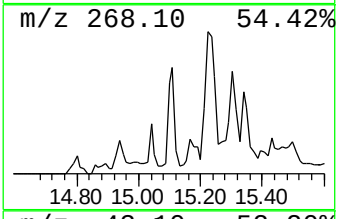


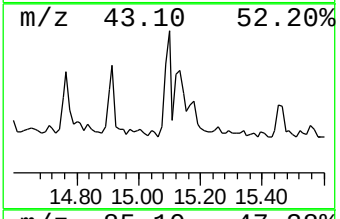


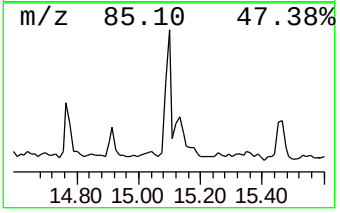












Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082208.D
Acq On : 11 Oct 2015 7:10
Operator : UM/IZ
Sample : G3979-20
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A11COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

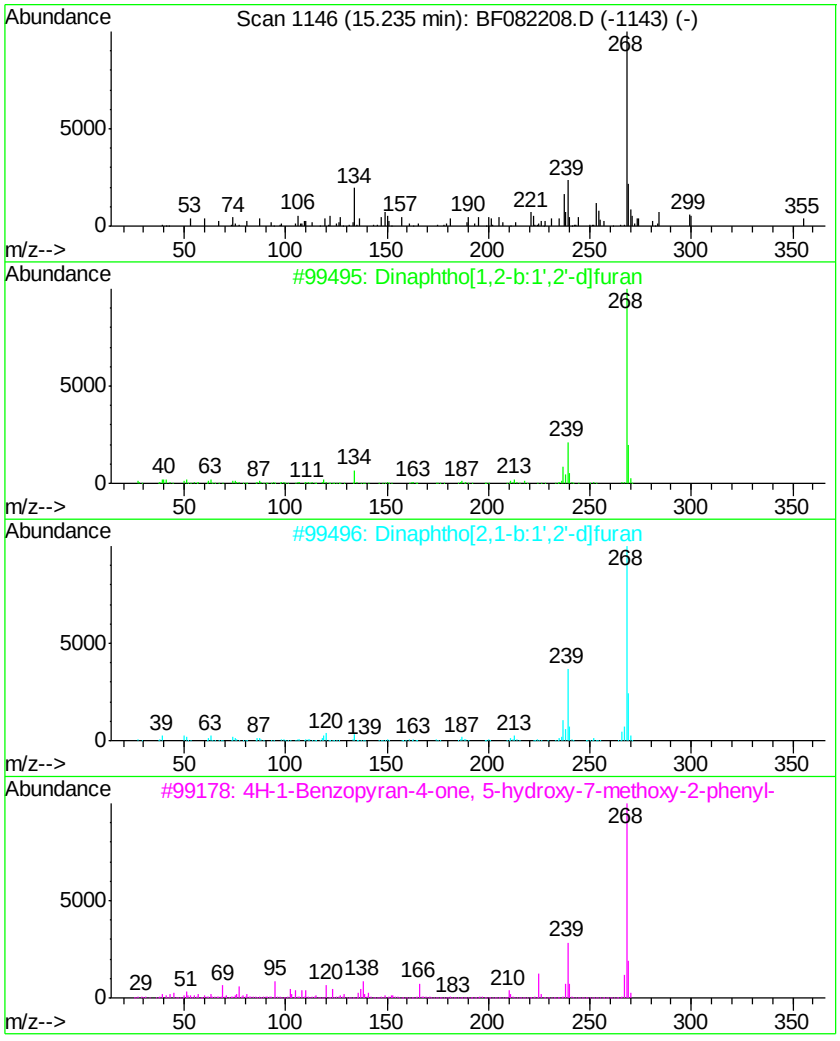
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

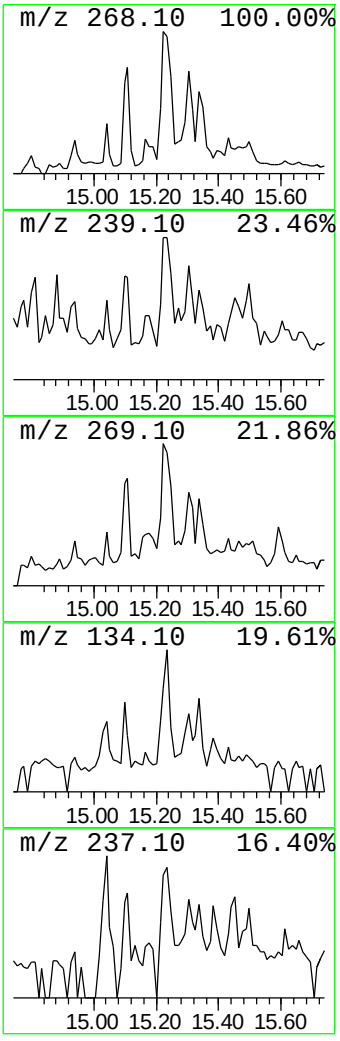
****

Peak Number 15 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	2.31 ng	76795	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	68
2	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	53
3	4H-1-Benzopyran-4-one, 5-hydroxy...	268	C16H12O4	000520-28-5	50
4	Estra-1,3,5(10)-trien-17-one, 3-...	300	C19H24O3	074299-17-5	47
5	trans-3'-Methyl-4-(methylthio)ch...	268	C17H16OS	131316-14-8	47





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082208.D
Acq On : 11 Oct 2015 7:10
Operator : UM/IZ
Sample : G3979-20
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A11COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

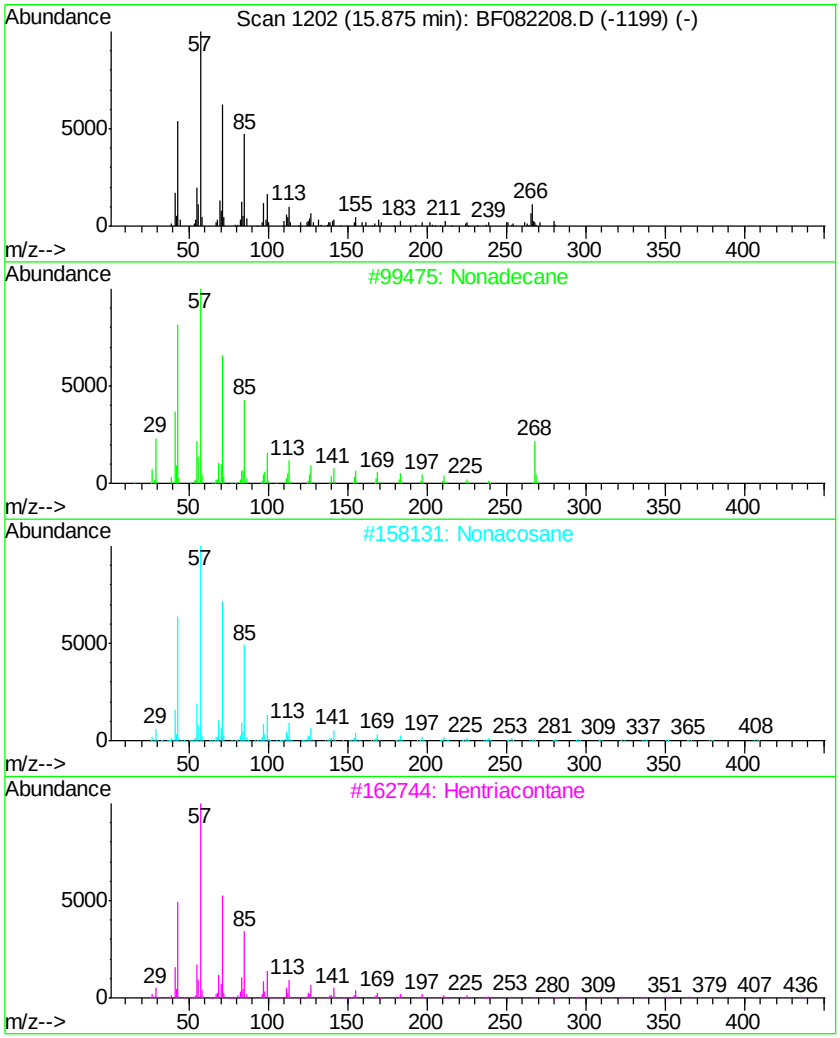
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

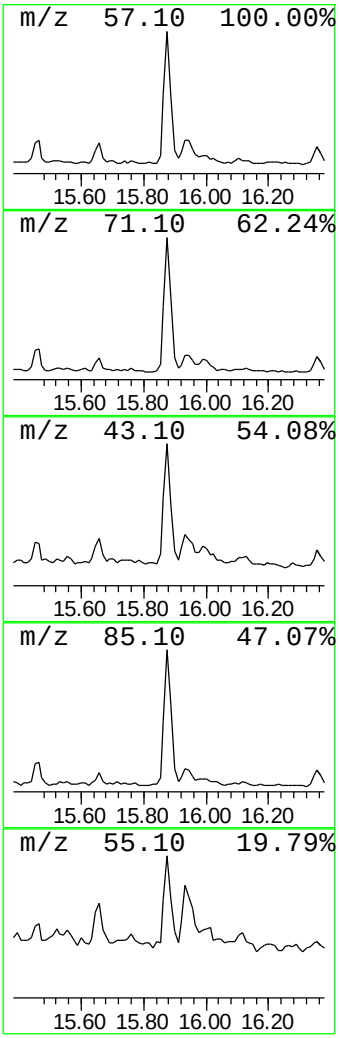
****

Peak Number 17 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	5.19 ng	172767	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Nonacosane	408	C29H60	000630-03-5	87
3	Hentriacontane	437	C31H64	000630-04-6	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Triacontane	422	C30H62	000638-68-6	87





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082208.D
Acq On : 11 Oct 2015 7:10
Operator : UM/IZ
Sample : G3979-20
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A11COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

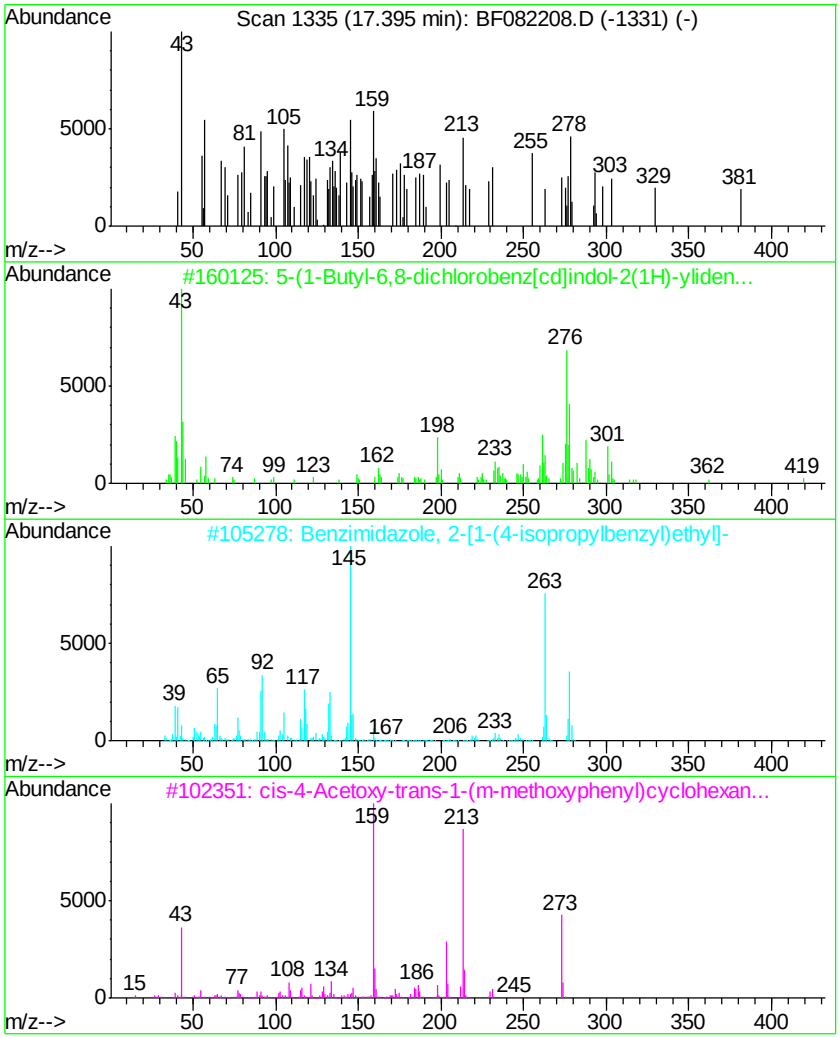
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

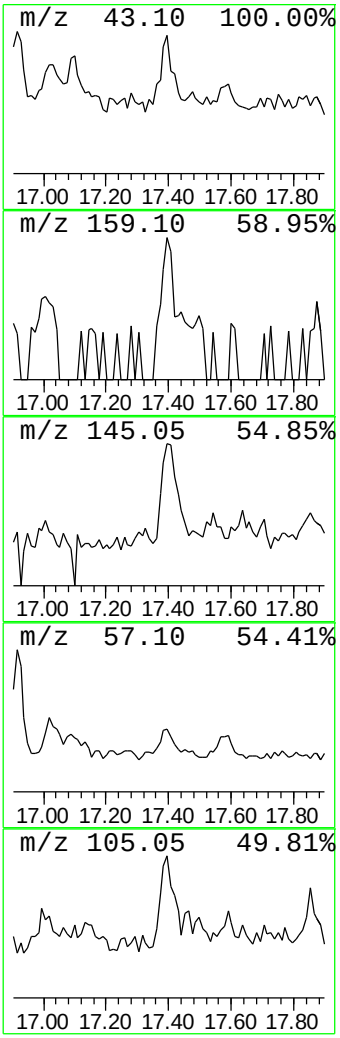
****

Peak Number 19 unknown17.40 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.40	3.24 ng	107898	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-(1-Butyl-6,8-dichlorobenz[cd]i...	419	C21H19Cl2NO4	1000223-97-7	25
2	Benzimidazole, 2-[1-(4-isopropyl...	278	C19H22N2	300393-39-9	11
3	cis-4-Acetoxy-trans-1-(m-methoxy...	273	C16H19NO3	1000241-10-4	10
4	1-Propanol, 3,3'-diselenobis-	278	C6H14O2Se2	023243-47-2	9
5	Condyfolan, 14,19-didehydro-16-m...	278	C19H22N2	056293-10-8	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082208.D
Acq On : 11 Oct 2015 7:10
Operator : UM/IZ
Sample : G3979-20
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A11COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

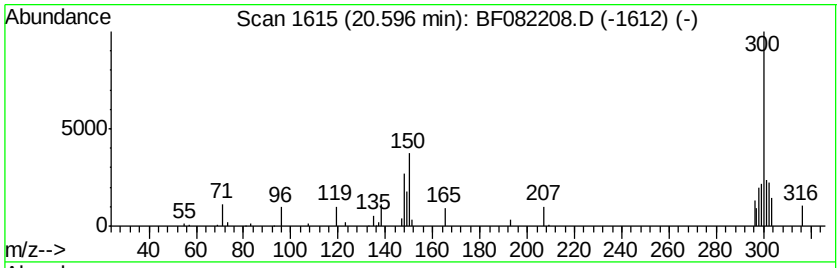
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

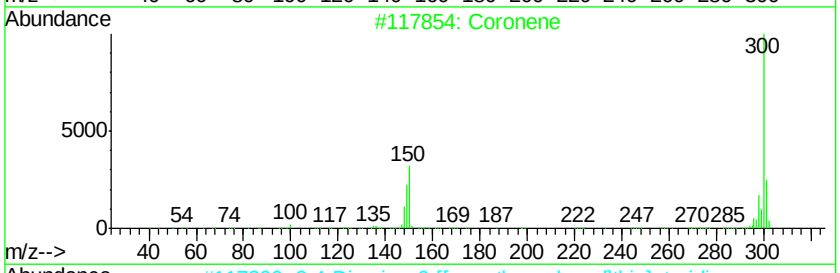
****

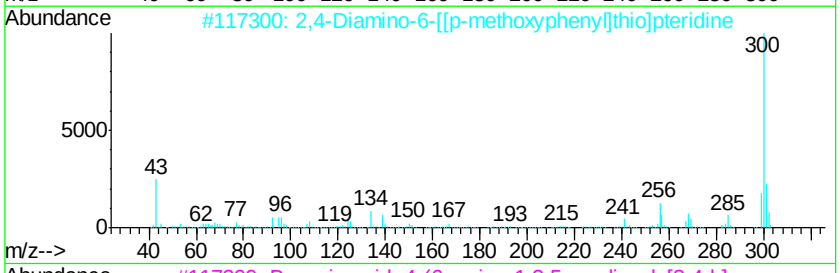
Peak Number 20 unknown20.60 Concentration Rank 15

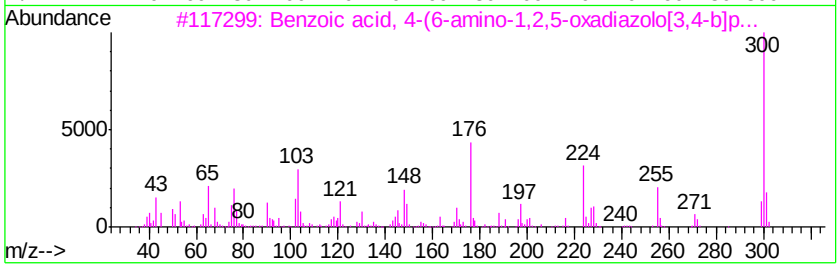
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.60	3.04 ng	101274	Perylene-d12	15.44

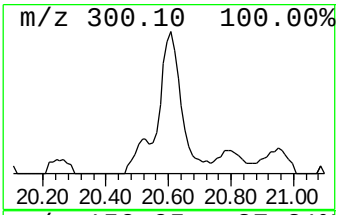
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Coronene	300	C24H12	000191-07-1	49
2	2,4-Diamino-6-[[p-methoxyphenyl]...	300	C13H12N6OS	077900-97-1	43
3	Benzoic acid, 4-(6-amino-1,2,5-o...	300	C13H12N6O3	1000276-59-3	38
4	4-Formyl-2-methoxyphenyl 5-formy...	300	C16H12O6	1000242-81-0	37
5	4'-Bromo-flavone	300	C15H9BrO2	020525-20-6	37

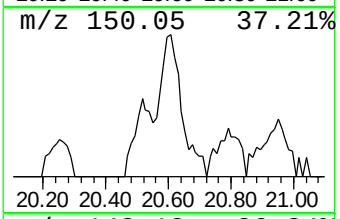


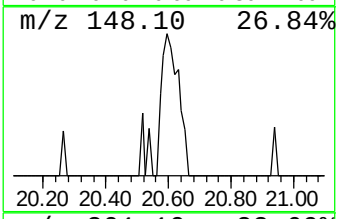


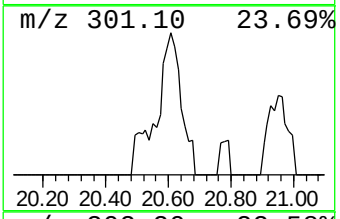


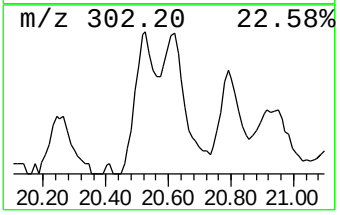












Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082208.D
Acq On : 11 Oct 2015 7:10
Operator : UM/IZ
Sample : G3979-20
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A11COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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...	5.02	40.7	ng	946537	1	6.83	464797	20.0
unknown6.61	6.61	72.4	ng	1683200	1	6.83	464797	20.0
Anthracene, 1-met...	11.86	2.2	ng	82693	4	11.37	749487	20.0
Tridecanoic acid	11.90	7.7	ng	287465	4	11.37	749487	20.0
4H-Cyclopenta[def...	11.98	4.5	ng	167810	4	11.37	749487	20.0
9,10-Anthracenedione	12.19	2.4	ng	89857	4	11.37	749487	20.0
unknown12.68	12.68	3.3	ng	124847	4	11.37	749487	20.0
Benzeneethanamine...	13.43	2.8	ng	186017	5	14.01	1323330	20.0
11H-Benzo[a]fluor...	13.85	5.4	ng	355366	5	14.01	1323330	20.0
unknown14.48	14.48	4.3	ng	281127	5	14.01	1323330	20.0
Hexadecane	14.77	2.6	ng	85122	6	15.44	666015	20.0
Octadecane	15.10	3.1	ng	103332	6	15.44	666015	20.0
Dinaphtho[1,2-b:1...	15.24	2.3	ng	76795	6	15.44	666015	20.0
Nonadecane	15.88	5.2	ng	172767	6	15.44	666015	20.0
unknown17.40	17.40	3.2	ng	107898	6	15.44	666015	20.0
unknown20.60	20.60	3.0	ng	101274	6	15.44	666015	20.0