LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088430.D
Acq On : 26 Jun 2016 20:53
Operator : UM/SJ
Sample : H3663-03 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-1

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-BF060716.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	1.690	8	9	33	rVB	252933	523138	29.25%	1.693%
2	4.650	266	268	277	rBV	115657	194415	10.87%	0.629%
3	5.130	308	310	326	rBV	438556	710309	39.72%	2.298%
4	6.216	402	405	412	rBV	527074	744181	41.61%	2.408%
5	6.319	412	414	429	rVB	783672	889929	49.76%	2.879%
6	6.547	431	434	445	rBV	405898	456408	25.52%	1.477%
7	6.696	445	447	450	rBV	679945	684151	38.26%	2.213%
8	7.119	482	484	497	rBV	453605	524854	29.35%	1.698%
9	7.827	544	546	552	rBV2	445136	713637	39.90%	2.309%
10	8.547	607	609	615	rBV	62750	56576	3.16%	0.183%
11	8.913	638	641	643	rBV	1009358	1065755	59.59%	3.448%
12	9.245	667	670	671	rVV2	33496	49689	2.78%	0.161%
13	9.313	674	676	678	rVV	211960	180082	10.07%	0.583%
14	9.576	696	699	701	rBV	784393	748789	41.87%	2.423%
15	9.610	701	702	704	rVV	276605	208580	11.66%	0.675%
16	9.782	715	717	719	rVV	94508	86773	4.85%	0.281%
17	10.125	744	747	750	rBV2	112221	138827	7.76%	0.449%
18	10.365	765	768	771	rBV	564023	570320	31.89%	1.845%
19	10.490	777	779	784	rVB	53524	89142	4.98%	0.288%
20	10.673	791	795	798	rBV4	18031	53100	2.97%	0.172%
21	10.799	803	806	811	rBV4	22279	66410	3.71%	0.215%
22	10.913	814	816	817	rBV	37799	46040	2.57%	0.149%
23	10.948	817	819	823	rVB2	72725	107831	6.03%	0.349%
24	11.073	826	830	833	rBV2	988592	1788346	100.00%	5.786%
25	11.131	833	835	837	rVV	289472	315545	17.64%	1.021%
26	11.165	837	838	841	rVB	39310	52694	2.95%	0.170%
27	11.291	846	849	853	rBV2	140244	231122	12.92%	0.748%
28	11.359	853	855	860	rVB3	41382	73239	4.10%	0.237%
29	11.553	870	872	873	rBV	111235	115008	6.43%	0.372%
30	11.576	873	874	877	rVV	135731	191585	10.71%	0.620%
31	11.622	877	878	880	rVV	51570	70223	3.93%	0.227%
32	11.656	880	881	887	rVB	220427	323711	18.10%	1.047%
33	11.771	887	891	894	rBV2	37465	76763	4.29%	0.248%
34	11.851	896	898	899	rVV	59275	65718	3.67%	0.213%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088430.D
Acq On : 26 Jun 2016 20:53
Operator : UM/SJ
Sample : H3663-03 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-1

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-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.885	899	901	903	rVB	51737	47101	2.63%	0.152%
36	12.102	917	920	921	rBV	49887	61678	3.45%	0.200%
37	12.136	921	923	926	rVB3	32793	63728	3.56%	0.206%
38	12.193	926	928	931	rVB2	57040	75040	4.20%	0.243%
39	12.262	931	934	936	rBV	1580331	1610037	90.03%	5.209%
40	12.331	936	940	942	rVB2	28145	51204	2.86%	0.166%
41	12.411	944	947	948	rBV	55115	82773	4.63%	0.268%
42	12.491	950	954	956	rBV2	1054533	1690022	94.50%	5.468%
43	12.536	956	958	962	rVB	76357	111218	6.22%	0.360%
44	12.605	962	964	965	rBV	87765	105948	5.92%	0.343%
45	12.628	965	966	971	rVB2	663523	849208	47.49%	2.748%
46	12.708	971	973	975	rVB	73568	103120	5.77%	0.334%
47	12.811	978	982	984	rBV	228485	316574	17.70%	1.024%
48	12.879	984	988	989	rBV	196537	202276	11.31%	0.654%
49	12.914	989	991	995	rVB2	143859	220862	12.35%	0.715%
50	13.005	998	999	1000	rBV	61190	43759	2.45%	0.142%
51	13.039	1000	1002	1007	rVB2	61702	84849	4.74%	0.275%
52	13.234	1012	1019	1023	rBV3	69372	169906	9.50%	0.550%
53	13.291	1023	1024	1026	rBV2	30086	47344	2.65%	0.153%
54	13.325	1026	1027	1030	rVB	87278	85922	4.80%	0.278%
55	13.451	1033	1038	1039	rBV3	155165	312781	17.49%	1.012%
56	13.474	1039	1040	1044	rVB3	115609	199629	11.16%	0.646%
57	13.542	1044	1046	1049	rBV	157966	208611	11.67%	0.675%
58	13.599	1049	1051	1053	rVB	36578	48025	2.69%	0.155%
59	13.679	1053	1058	1059	rBV2	865741	1671027	93.44%	5.406%
60	13.782	1064	1067	1069	rVB	178418	176133	9.85%	0.570%
61	13.851	1070	1073	1074	rBV2	33037	73152	4.09%	0.237%
62	13.885	1074	1076	1077	rVV	80944	92580	5.18%	0.300%
63	13.919	1077	1079	1083	rVB	70709	113854	6.37%	0.368%
64	14.068	1087	1092	1093	rBV2	142781	281965	15.77%	0.912%
65	14.091	1093	1094	1096	rVB2	44514	56720	3.17%	0.184%
66	14.182	1096	1102	1106	rBV3	135550	455756	25.48%	1.475%
67	14.388	1116	1120	1123	rBV4	82671	173554	9.70%	0.562%
68	14.457	1123	1126	1130	rVB5	31786	66508	3.72%	0.215%
69	14.537	1132	1133	1135	rBV	80683	94475	5.28%	0.306%
70	14.582	1135	1137	1139	rVB	438194	429790	24.03%	1.391%
71	14.628	1139	1141	1143	rBV2	30846	53887	3.01%	0.174%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088430.D
Acq On : 26 Jun 2016 20:53
Operator : UM/SJ
Sample : H3663-03 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-1

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-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.674	1143	1145	1149	rBV	911499	1746390	97.65%	5.650%
73	14.765	1149	1153	1158	rVB2	427397	714840	39.97%	2.313%
74	14.879	1158	1163	1165	rBV3	63739	182988	10.23%	0.592%
75	14.925	1165	1167	1170	rBV	549955	651913	36.45%	2.109%
76	14.982	1170	1172	1175	rBV	771874	843640	47.17%	2.729%
77	15.028	1175	1176	1178	rBV	309822	445655	24.92%	1.442%
78	15.177	1187	1189	1190	rBV	44264	59929	3.35%	0.194%
79	15.211	1190	1192	1197	rVV3	114385	204761	11.45%	0.662%
80	15.291	1197	1199	1206	rVB3	51843	152587	8.53%	0.494%
81	15.405	1206	1209	1211	rBV	99561	177704	9.94%	0.575%
82	15.462	1211	1214	1215	rVV2	36982	73970	4.14%	0.239%
83	15.497	1215	1217	1221	rVB	71435	117293	6.56%	0.379%
84	15.622	1226	1228	1236	rVB5	20622	62601	3.50%	0.203%
85	15.942	1254	1256	1259	rVV2	22530	43034	2.41%	0.139%
86	16.011	1259	1262	1263	rVV2	20986	44856	2.51%	0.145%
87	16.091	1266	1269	1270	rVV2	39738	67673	3.78%	0.219%
88	16.125	1270	1272	1274	rVV	41826	68960	3.86%	0.223%
89	16.171	1274	1276	1277	rVV2	27951	44646	2.50%	0.144%
90	16.262	1280	1284	1291	rVB	331629	746551	41.75%	2.415%
91	16.400	1293	1296	1298	rBV2	67742	129143	7.22%	0.418%
92	16.445	1298	1300	1303	rVB2	53940	98124	5.49%	0.317%
93	16.628	1312	1316	1325	rBV	252593	646668	36.16%	2.092%
94	16.754	1325	1327	1331	rVV3	23287	55485	3.10%	0.180%
95	16.834	1331	1334	1340	rVV	89432	196633	11.00%	0.636%
96	17.394	1378	1383	1386	rBV6	13093	51073	2.86%	0.165%
97	17.463	1386	1389	1395	rVB5	29157	84315	4.71%	0.273%
98	18.480	1472	1478	1484	rBV	58834	217274	12.15%	0.703%
99	18.651	1489	1493	1497	rBV	35183	130043	7.27%	0.421%
100	19.440	1557	1562	1566	rBV	25729	105591	5.90%	0.342%

Sum of corrected areas: 30908246

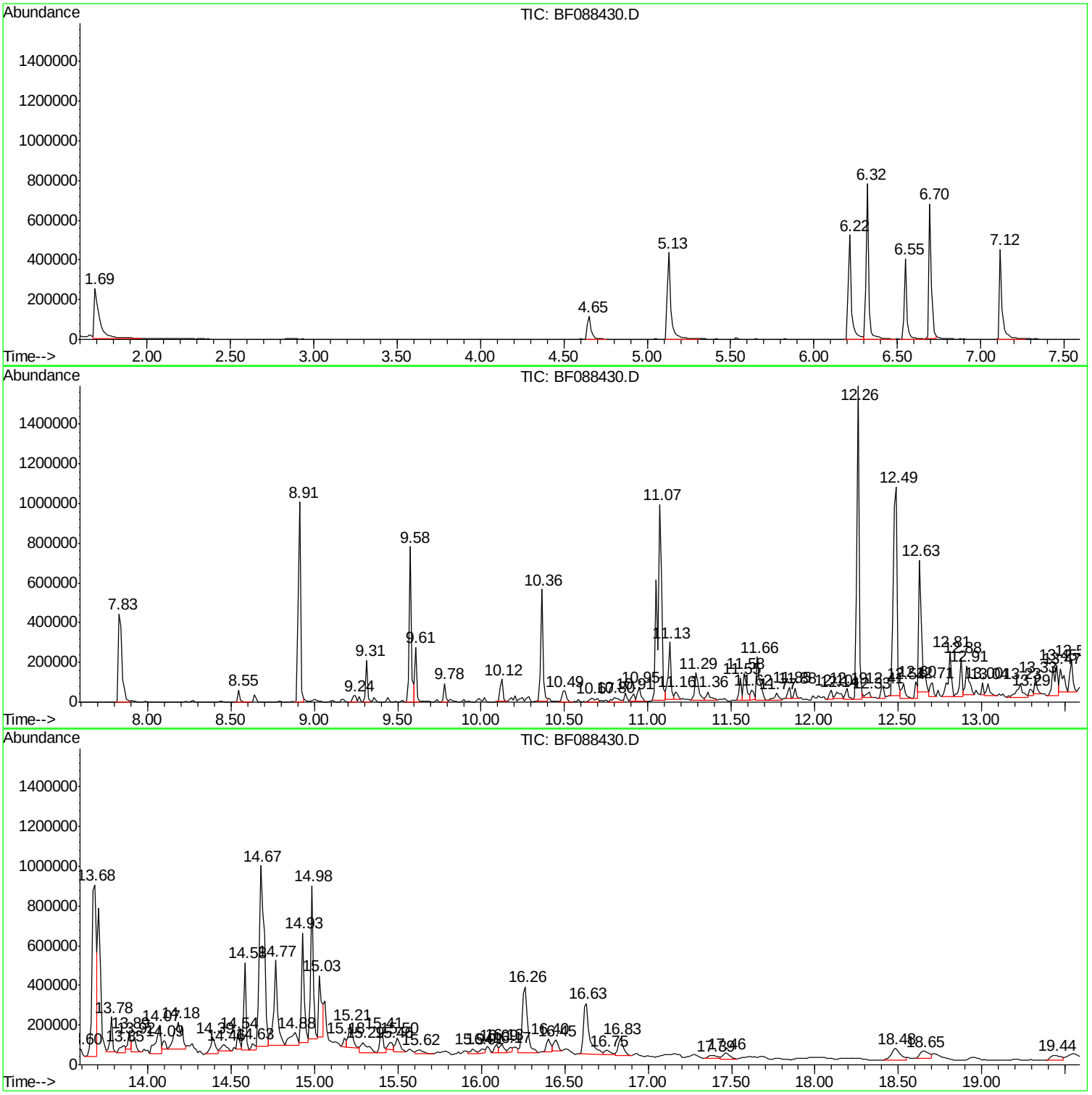
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088430.D
Acq On : 26 Jun 2016 20:53
Operator : UM/SJ
Sample : H3663-03 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088430.D
Acq On : 26 Jun 2016 20:53
Operator : UM/SJ
Sample : H3663-03 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

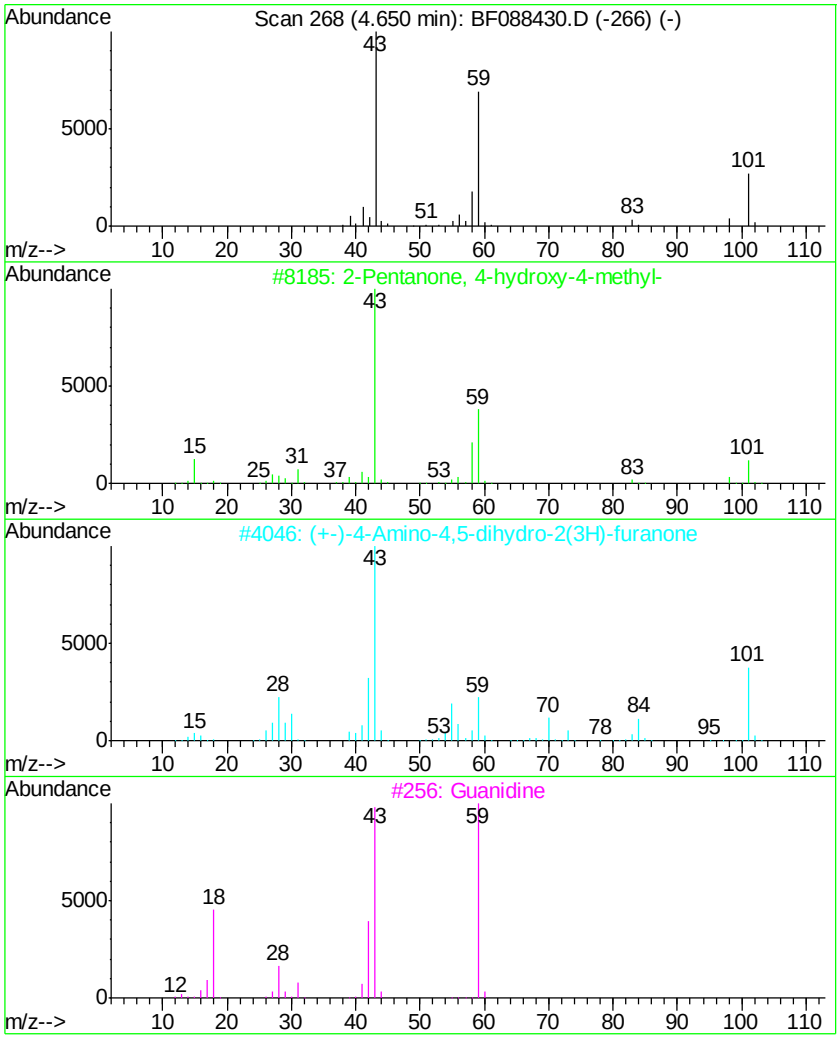
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

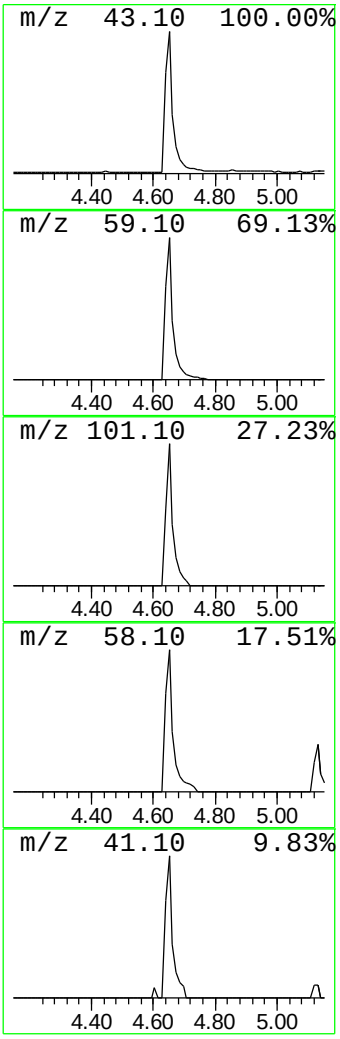
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.65	8.52 ng	194415	1,4-Dichlorobenzene-d4	6.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
3	Guanidine	59	CH5N3	000113-00-8	43
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088430.D
Acq On : 26 Jun 2016 20:53
Operator : UM/SJ
Sample : H3663-03 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

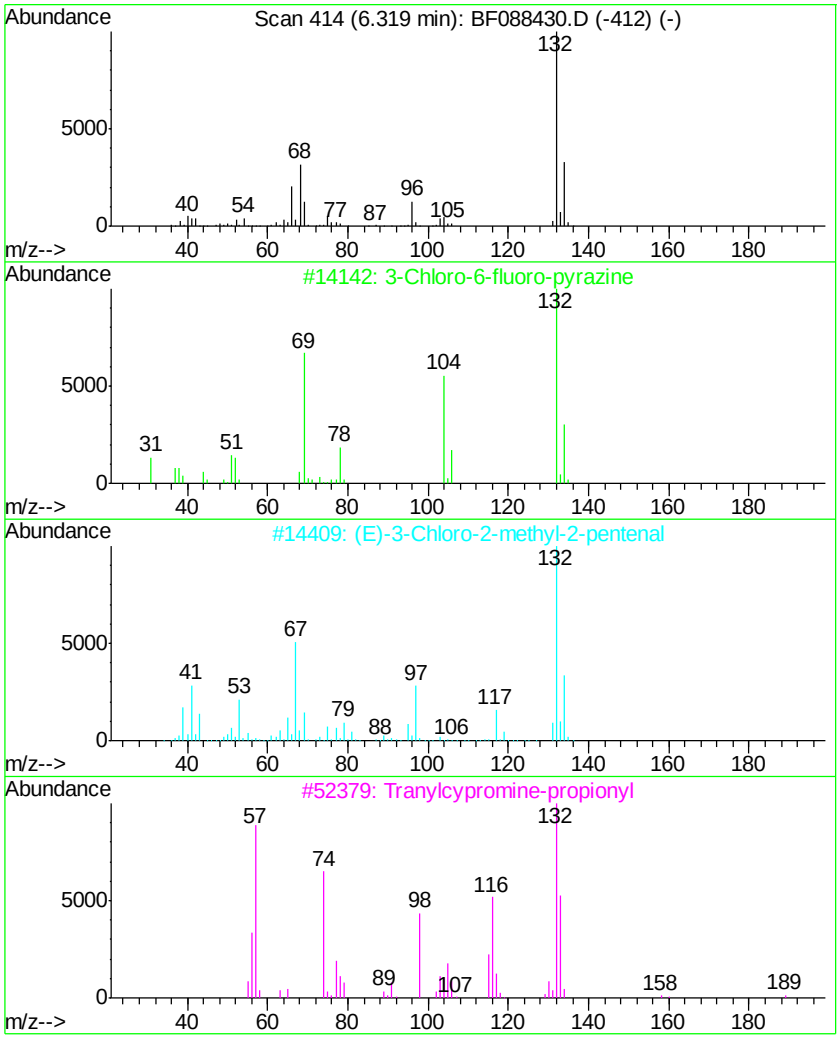
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

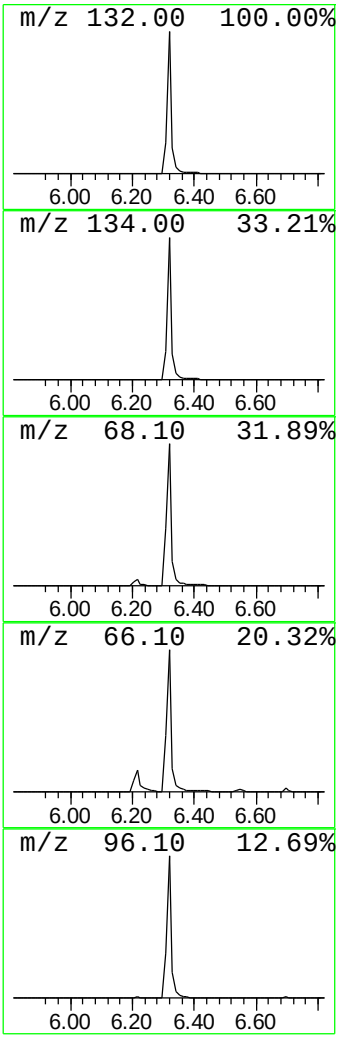
****

Peak Number 3 unknown6.32 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	39.00 ng	889929	1,4-Dichlorobenzene-d4	6.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088430.D
Acq On : 26 Jun 2016 20:53
Operator : UM/SJ
Sample : H3663-03 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

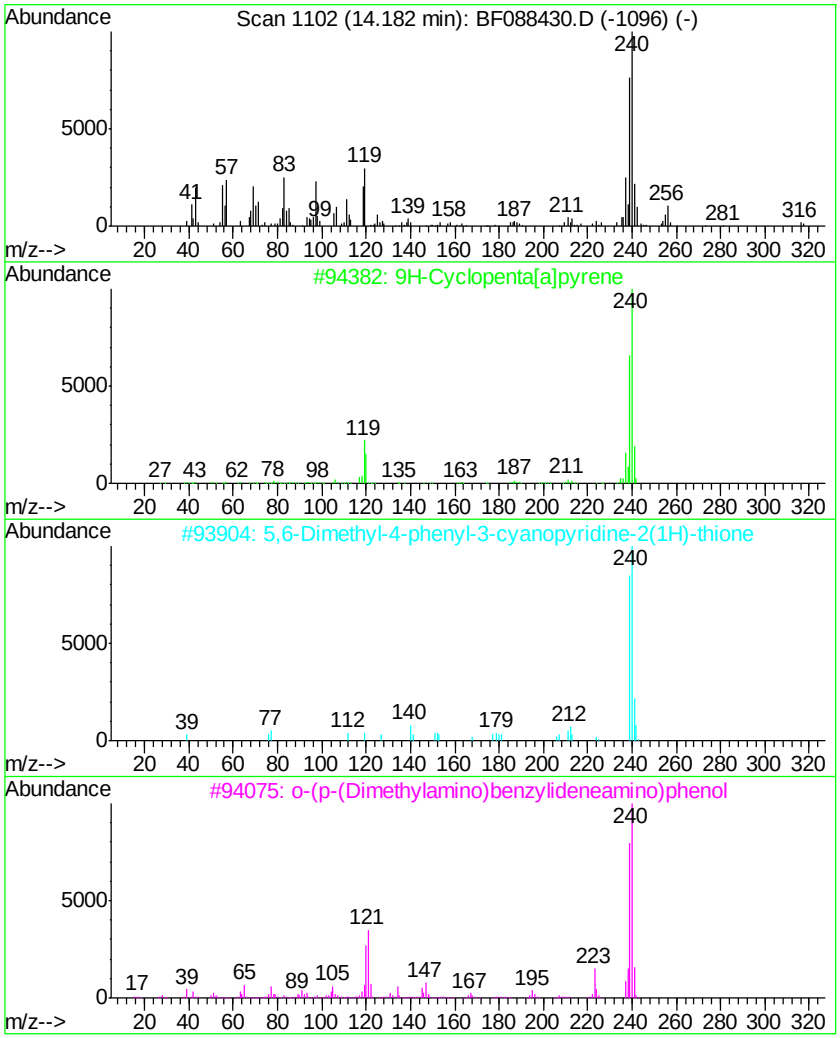
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

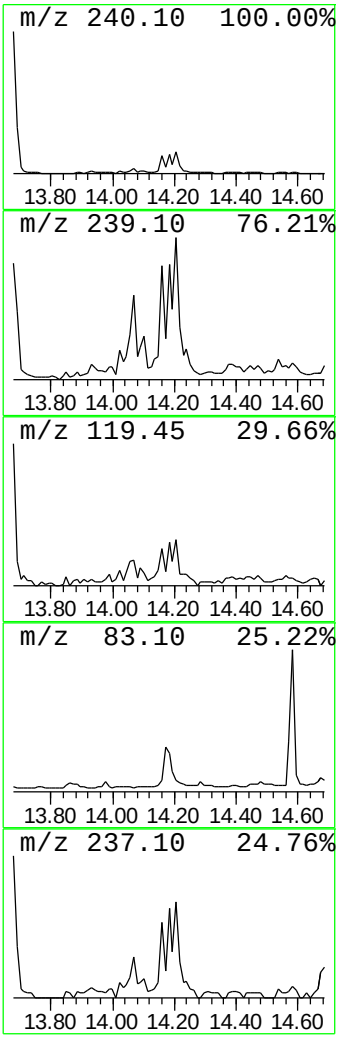
****

Peak Number 5 9H-Cyclopenta[a]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	5.45 ng	455756	Chrysene-d12	13.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Cyclopenta[a]pyrene	240	C19H12	050861-05-7	81
2	5,6-Dimethyl-4-phenyl-3-cyanopyr...	240	C14H12N2S	094639-18-6	58
3	o-(p-(Dimethylamino)benzylidenea...	240	C15H16N2O	023837-35-6	52
4	5-Methyl-4-(1-naphthyl)-2-thiazo...	240	C14H12N2S	107411-05-2	50
5	(9-Hydroxymethyl-[1,10]phenanthr...	240	C14H12N2O2	078831-36-4	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088430.D
Acq On : 26 Jun 2016 20:53
Operator : UM/SJ
Sample : H3663-03 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

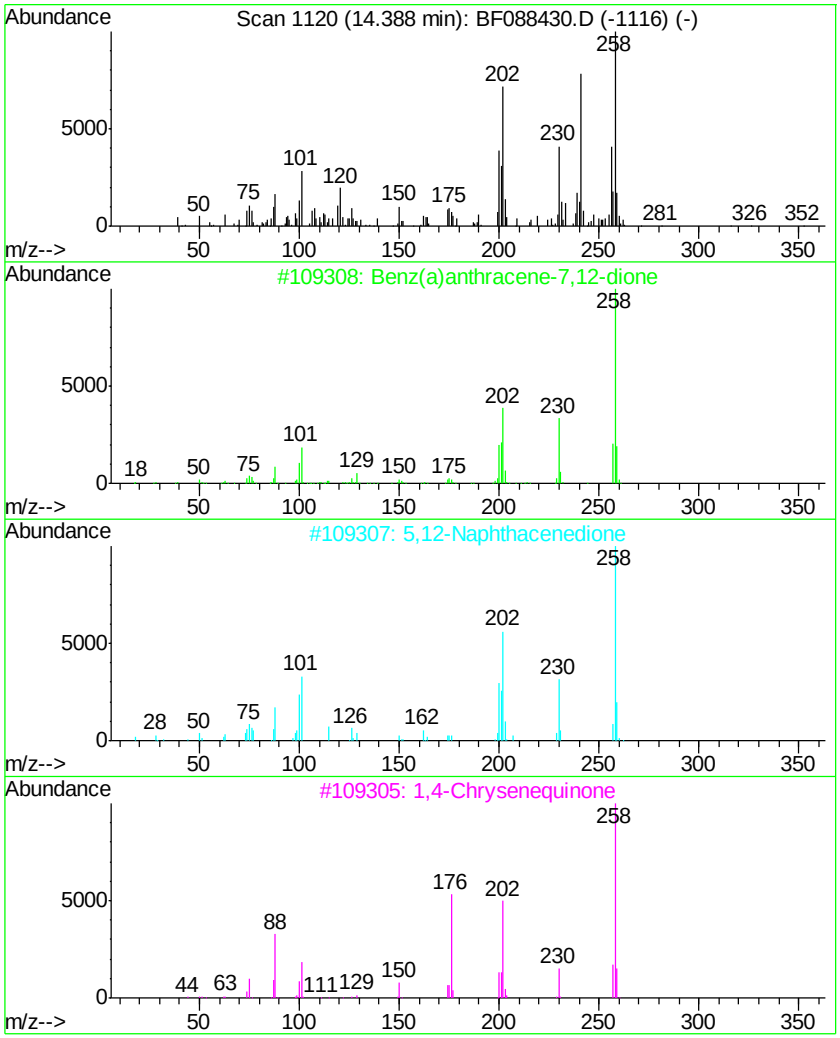
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

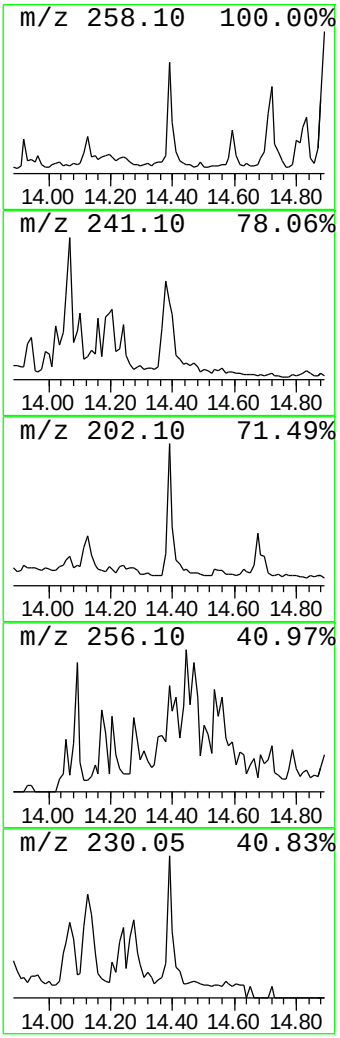
****

Peak Number 6 Benz(a)anthracene-7,12-dione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	7.79 ng	173554	Perylene-d12	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	89
2	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	70
3	1,4-Chrysenequinone	258	C18H10O2	100900-16-1	56
4	1,8-Anthracenedinitrile, 9,10-di...	258	C16H6N2O2	090866-50-5	42
5	3,5-Bis(trifluoromethyl)benzoic ...	258	C9H4F6O2	000725-89-3	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088430.D
Acq On : 26 Jun 2016 20:53
Operator : UM/SJ
Sample : H3663-03 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

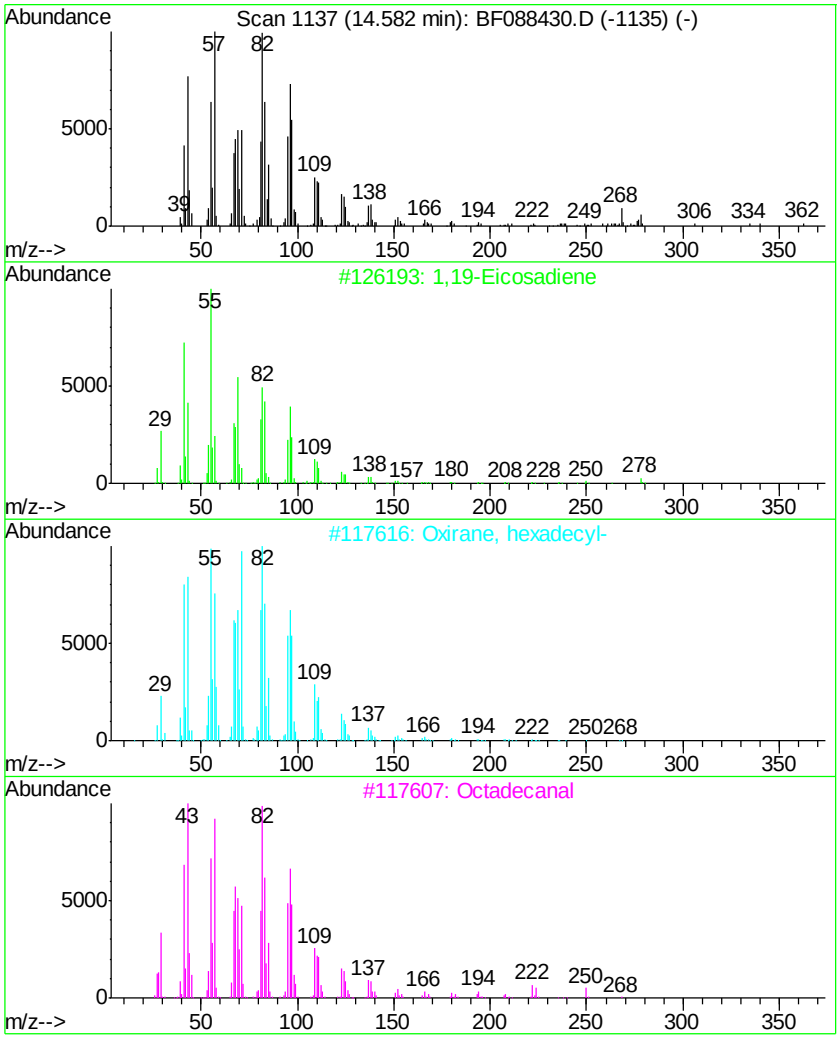
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

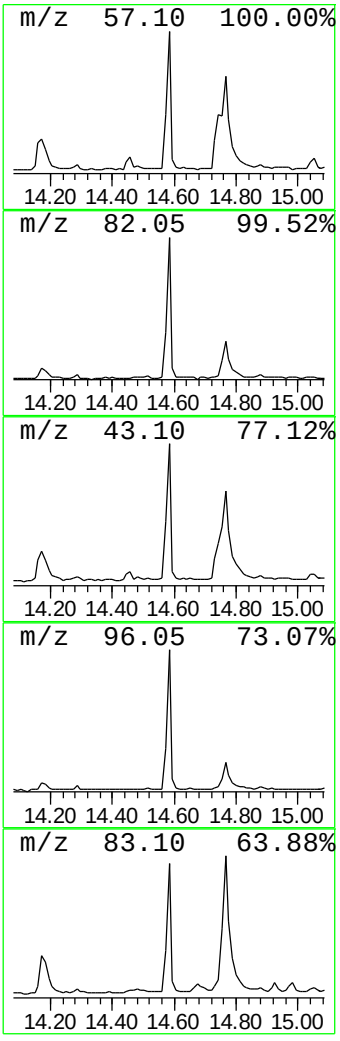
****

Peak Number 7 1,19-Eicosadiene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	19.29 ng	429790	Perylene-d12	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	94
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	Octadecanal	268	C18H36O	000638-66-4	91
4	Hexadecanal	240	C16H32O	000629-80-1	90
5	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088430.D
Acq On : 26 Jun 2016 20:53
Operator : UM/SJ
Sample : H3663-03 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

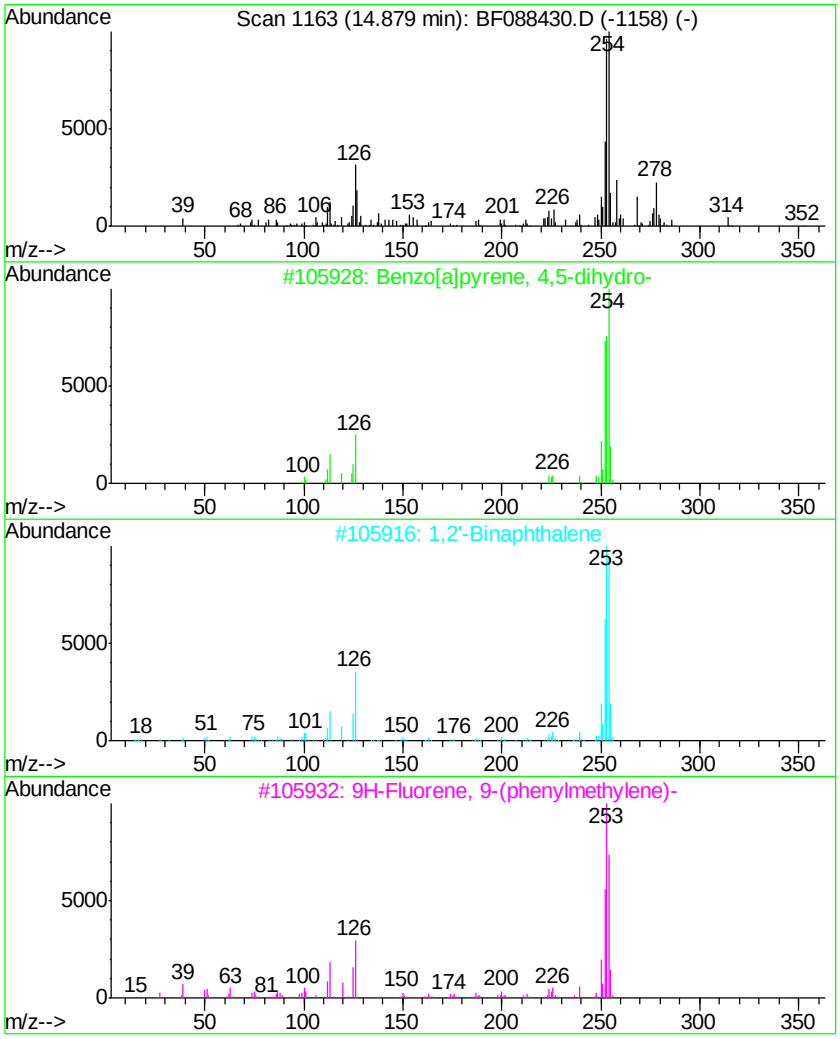
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

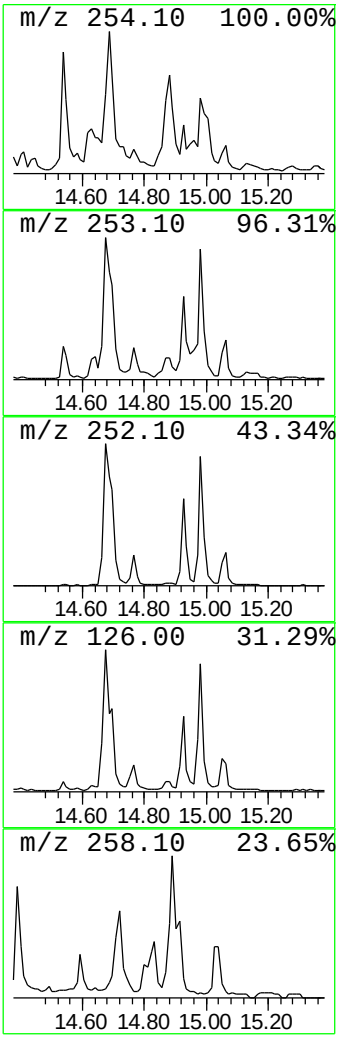
****

Peak Number 9 Benzo[a]pyrene, 4,5-dihydro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	8.21 ng	182988	Perylene-d12	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	95
2	1,2'-Binaphthalene	254	C20H14	004325-74-0	83
3	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	83
4	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	64
5	Benzo(a)pyrene, 7,8-dihydro-	254	C20H14	017573-23-8	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088430.D
Acq On : 26 Jun 2016 20:53
Operator : UM/SJ
Sample : H3663-03 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

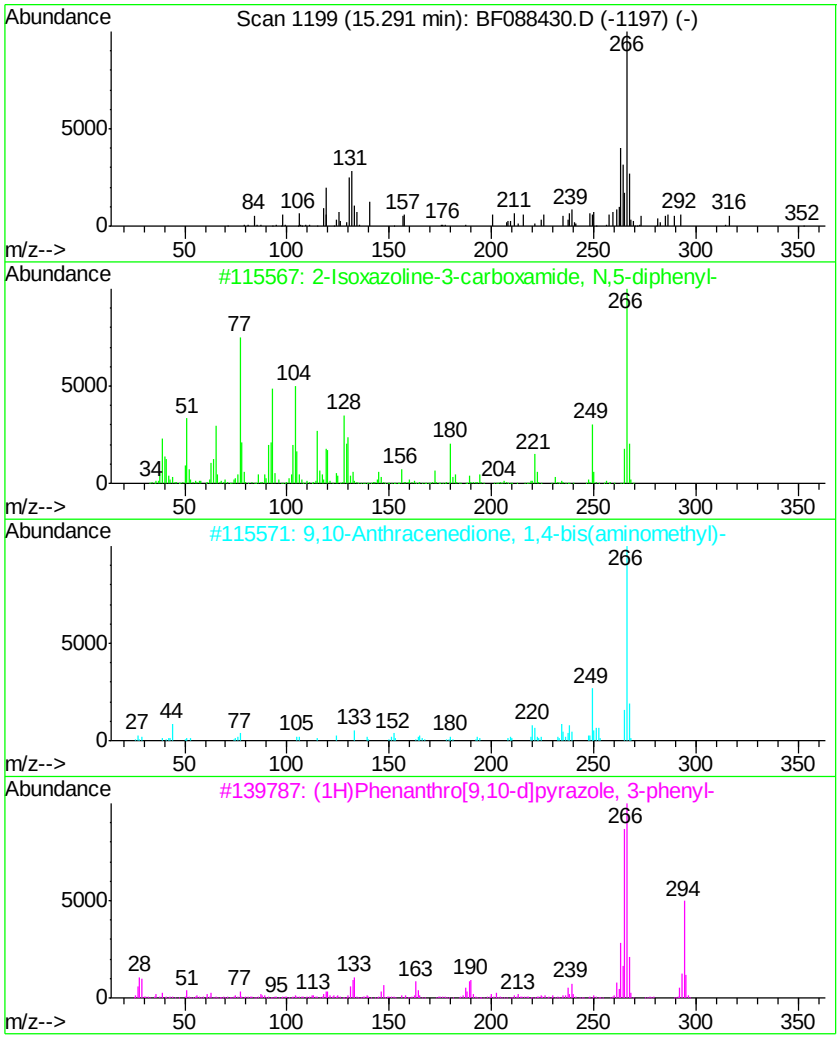
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

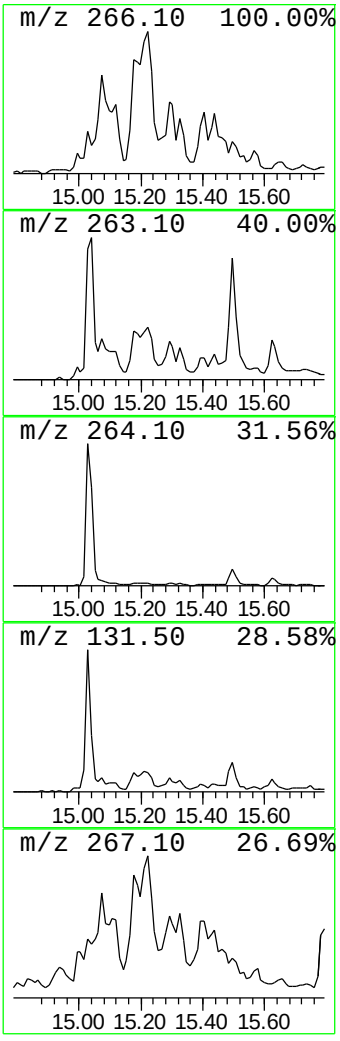
****

Peak Number 12 unknown15.29 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	6.85 ng	152587	Perylene-d12	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Isoxazoline-3-carboxamide, N,5...	266	C16H14N2O2	1000294-15-0	46
2	9,10-Anthracenedione, 1,4-bis(am...	266	C16H14N2O2	077862-13-6	38
3	(1H)Phenanthro[9,10-d]pyrazole, ...	294	C21H14N2	037944-54-0	38
4	4H-1-Benzopyran-4-one, 3-hydroxy...	266	C17H14O3	078396-37-9	38
5	Dienestrol	266	C18H18O2	000084-17-3	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088430.D
Acq On : 26 Jun 2016 20:53
Operator : UM/SJ
Sample : H3663-03 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

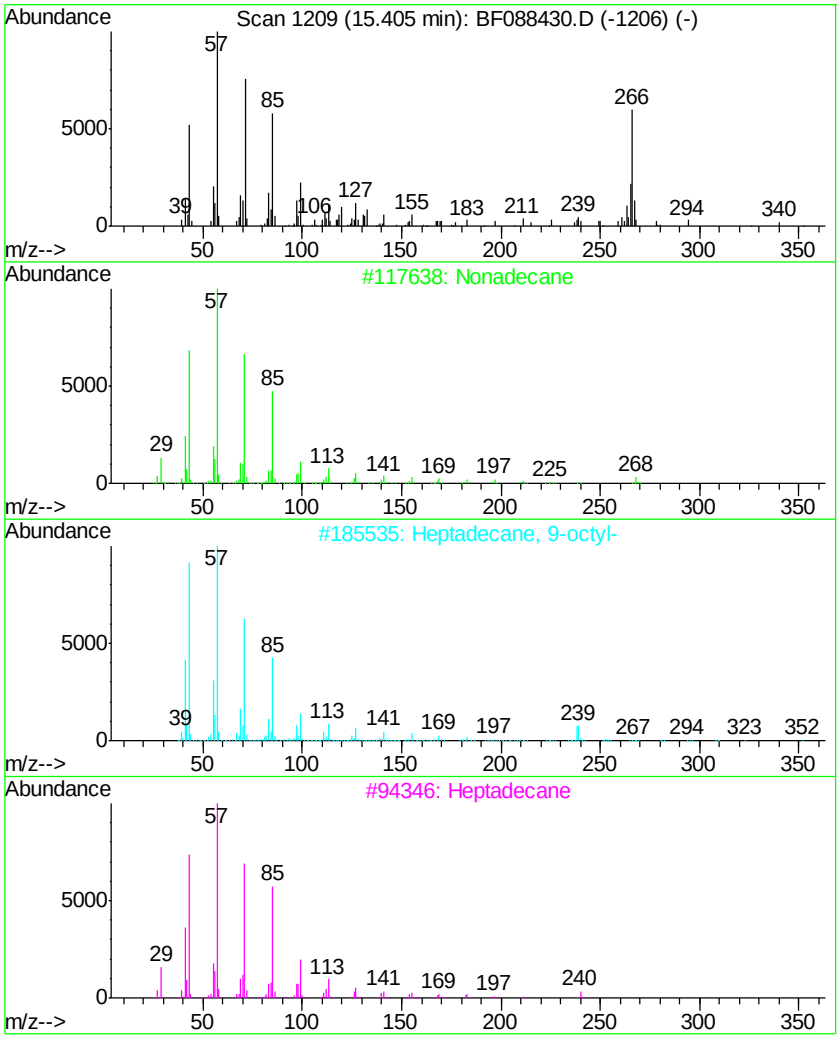
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

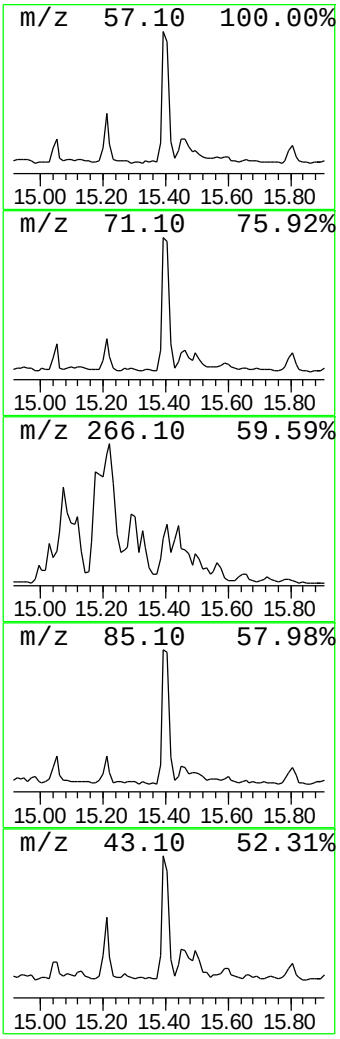
****

Peak Number 13 Nonadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	7.97 ng	177704	Perylene-d12	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3	Heptadecane	240	C17H36	000629-78-7	78
4	Heneicosane	296	C21H44	000629-94-7	60
5	Hexacosane	366	C26H54	000630-01-3	55





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088430.D
Acq On : 26 Jun 2016 20:53
Operator : UM/SJ
Sample : H3663-03 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

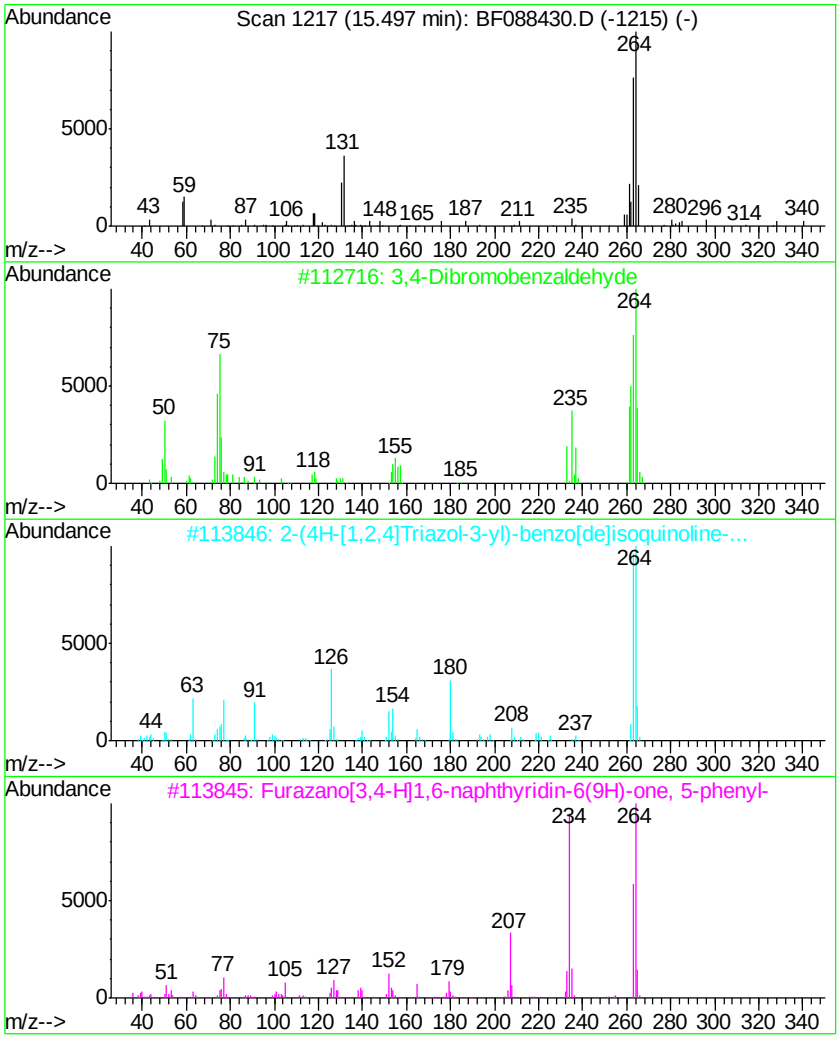
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

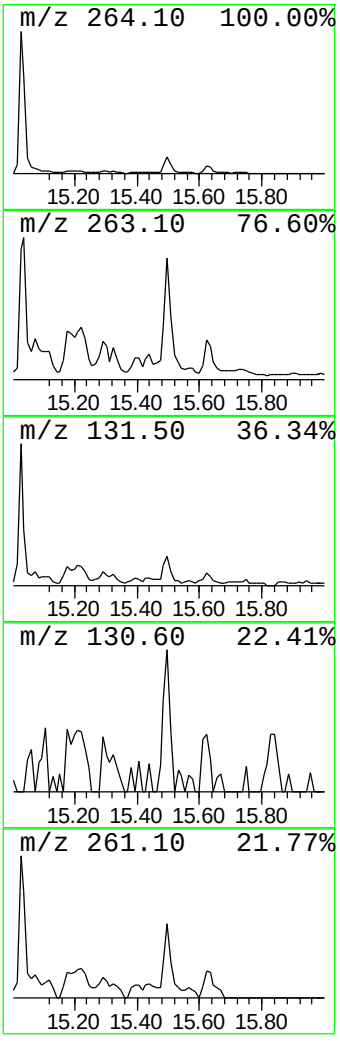
****

Peak Number 14 3,4-Dibromobenzaldehyde Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	5.26 ng	117293	Perylene-d12	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dibromobenzaldehyde	262	C7H4Br2O	074003-55-7	64
2	2-(4H-[1,2,4]Triazol-3-yl)-benzo...	264	C14H8N4O2	1000318-09-6	42
3	Furazano[3,4-H]1,6-naphthyridin-...	264	C14H8N4O2	296245-19-7	40
4	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	38
5	2H,5H-Pyrano[3,2-c][1]benzopyran...	292	C18H12O4	1000319-83-9	33





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088430.D
Acq On : 26 Jun 2016 20:53
Operator : UM/SJ
Sample : H3663-03 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

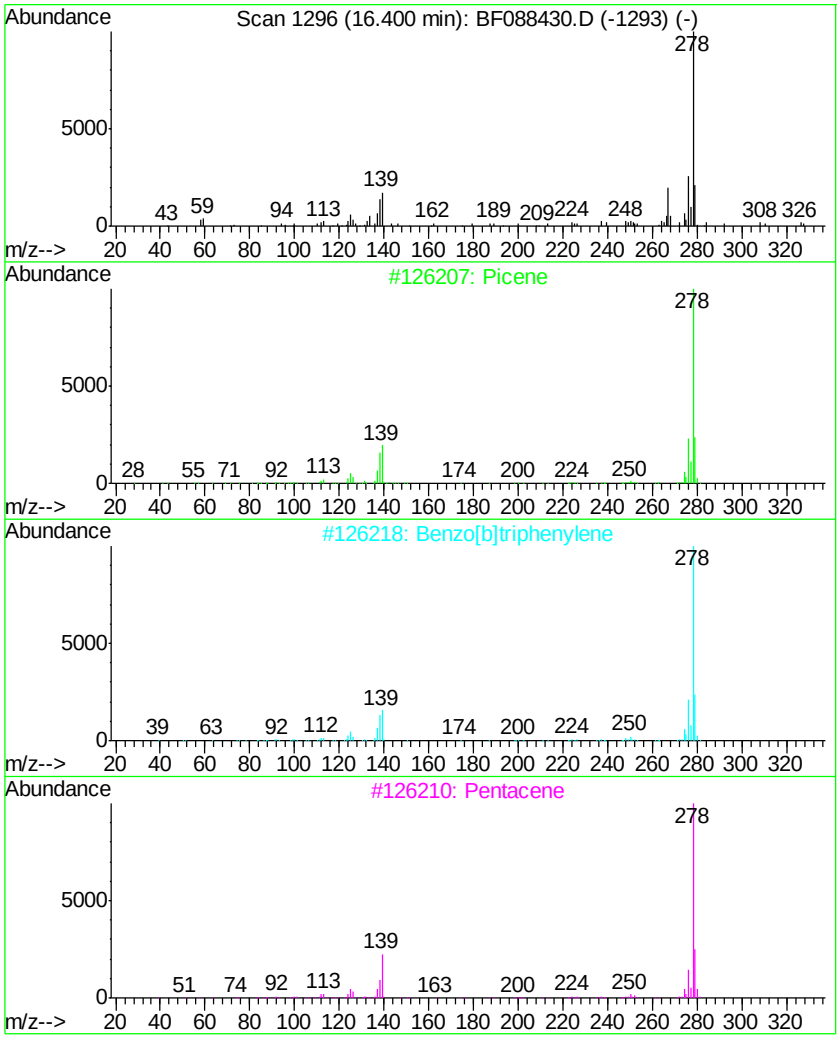
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

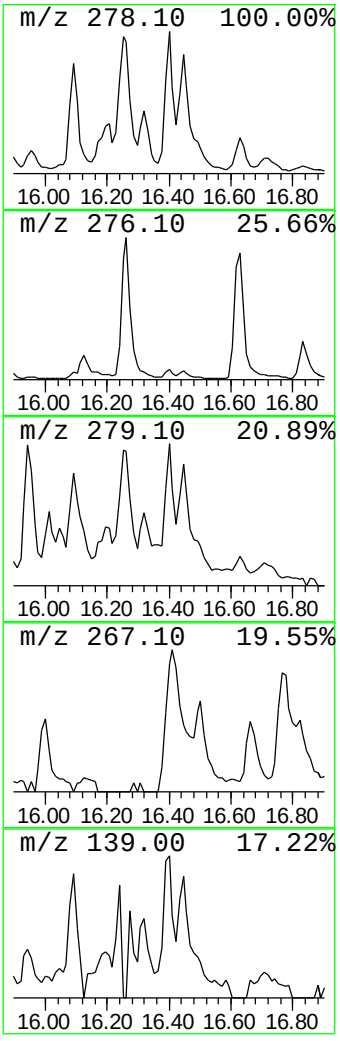
****

Peak Number 15 Picene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	5.80 ng	129143	Perylene-d12	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	93
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	92
3	Pentacene	278	C22H14	000135-48-8	86
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	86
5	Pentaphene	278	C22H14	000222-93-5	78





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088430.D
Acq On : 26 Jun 2016 20:53
Operator : UM/SJ
Sample : H3663-03 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

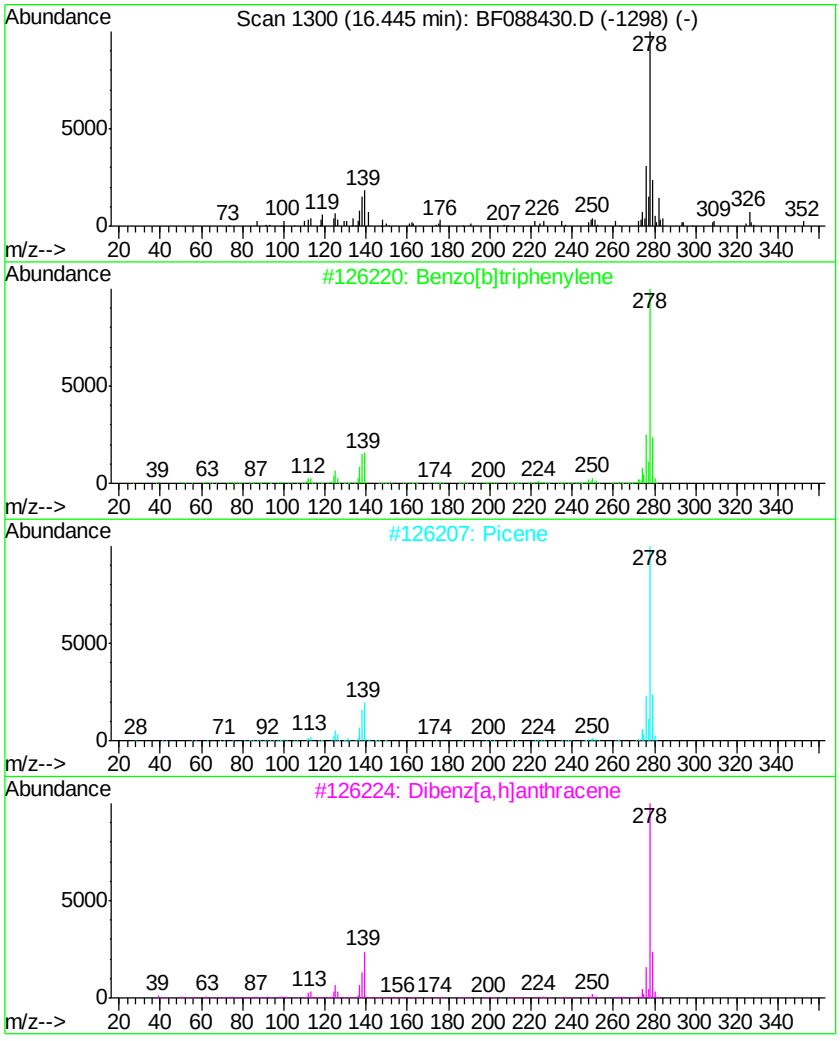
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

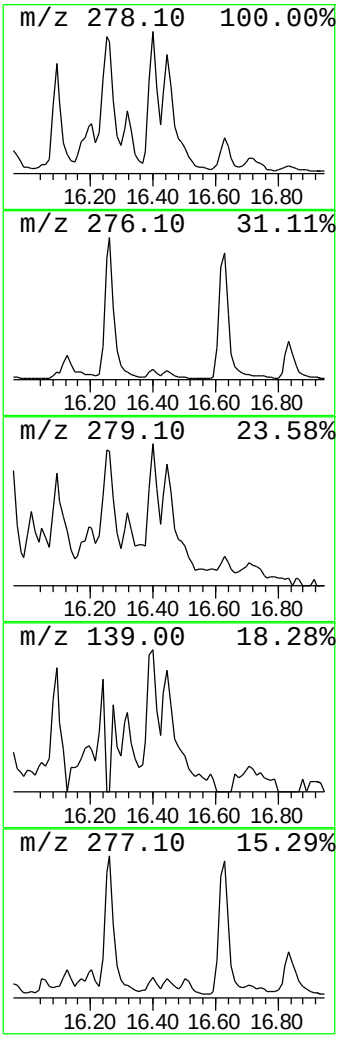
****

Peak Number 16 Benzo[b]triphenylene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	4.40 ng	98124	Perylene-d12	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	98
2	Picene	278	C22H14	000213-46-7	96
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	86
4	Dibenz[a,j]anthracene	278	C22H14	000224-41-9	70
5	Pentacene	278	C22H14	000135-48-8	70





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088430.D
Acq On : 26 Jun 2016 20:53
Operator : UM/SJ
Sample : H3663-03 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

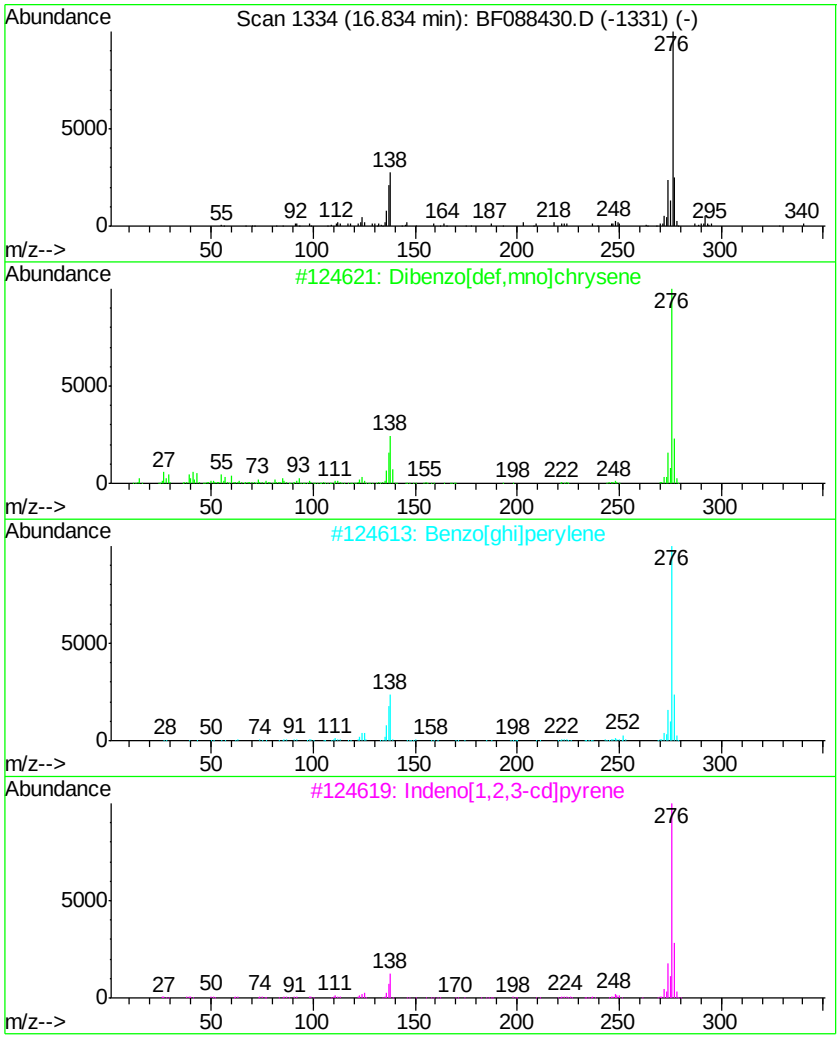
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

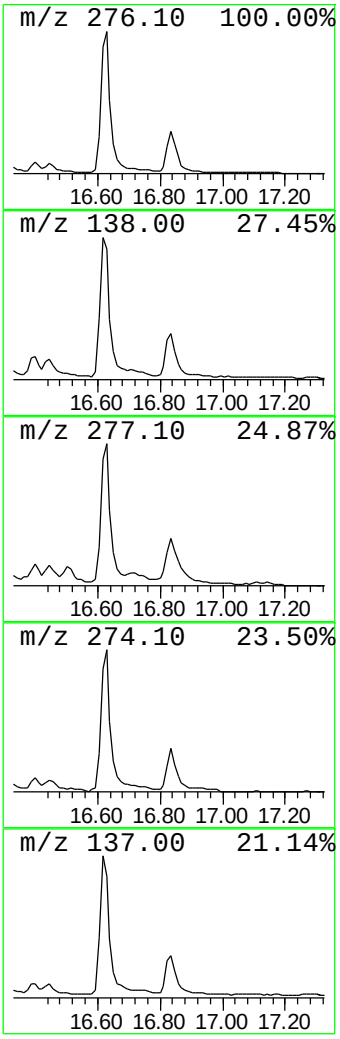
****

Peak Number 17 Dibenzo[def,mno]chrysene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	8.82 ng	196633	Perylene-d12	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	97
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	96
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	95
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	74
5	Phosphoric acid, 4-methoxy-2-(me...	276	C11H17O6P	094420-71-0	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088430.D
Acq On : 26 Jun 2016 20:53
Operator : UM/SJ
Sample : H3663-03 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

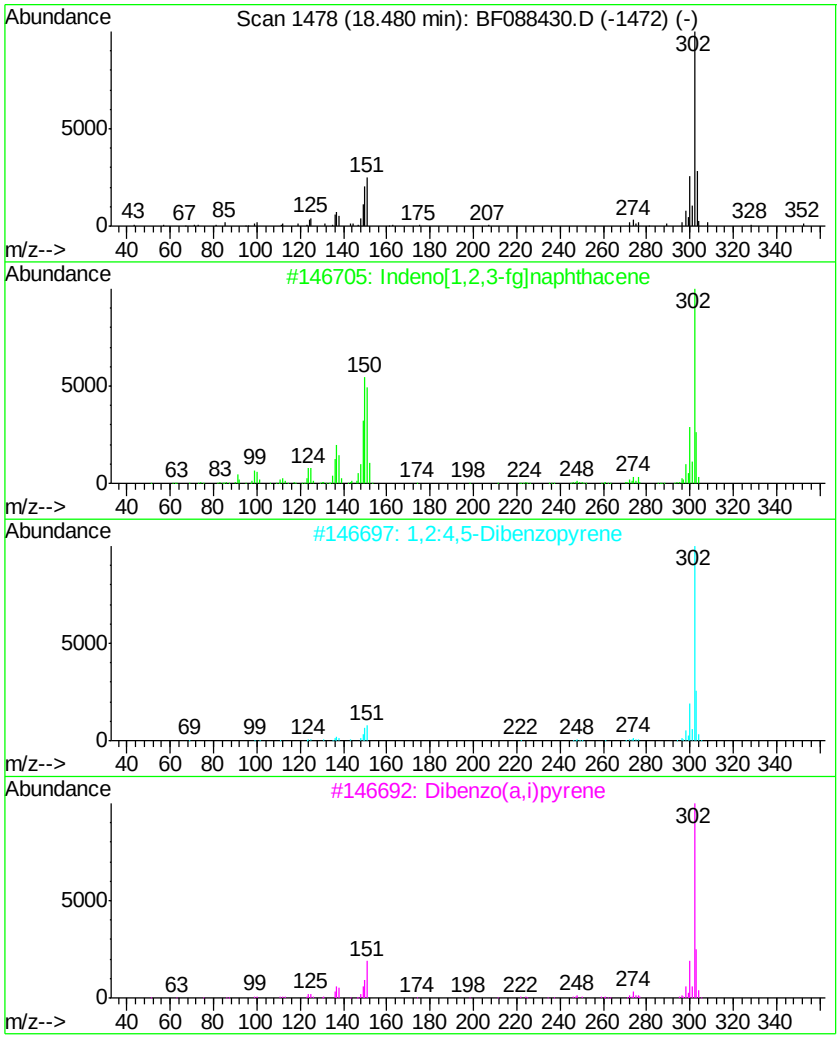
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

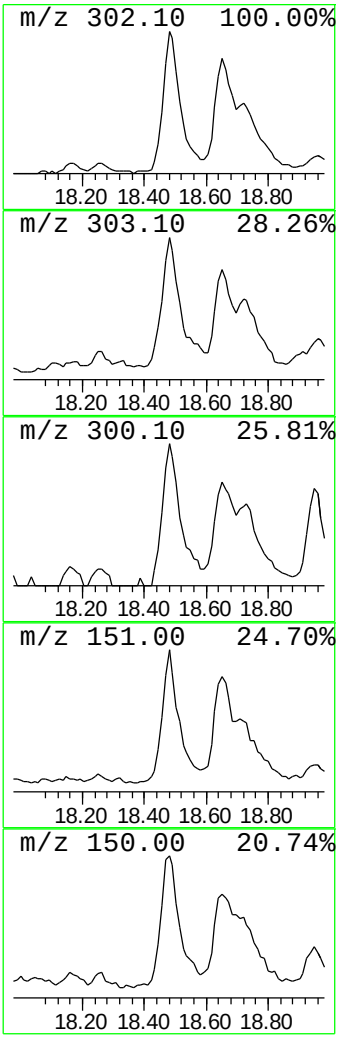
****

Peak Number 18 Indeno[1,2,3-fg]naphthacene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	9.75 ng	217274	Perylene-d12	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	97
2	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	94
3	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	93
4	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	93
5	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	89





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088430.D
Acq On : 26 Jun 2016 20:53
Operator : UM/SJ
Sample : H3663-03 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

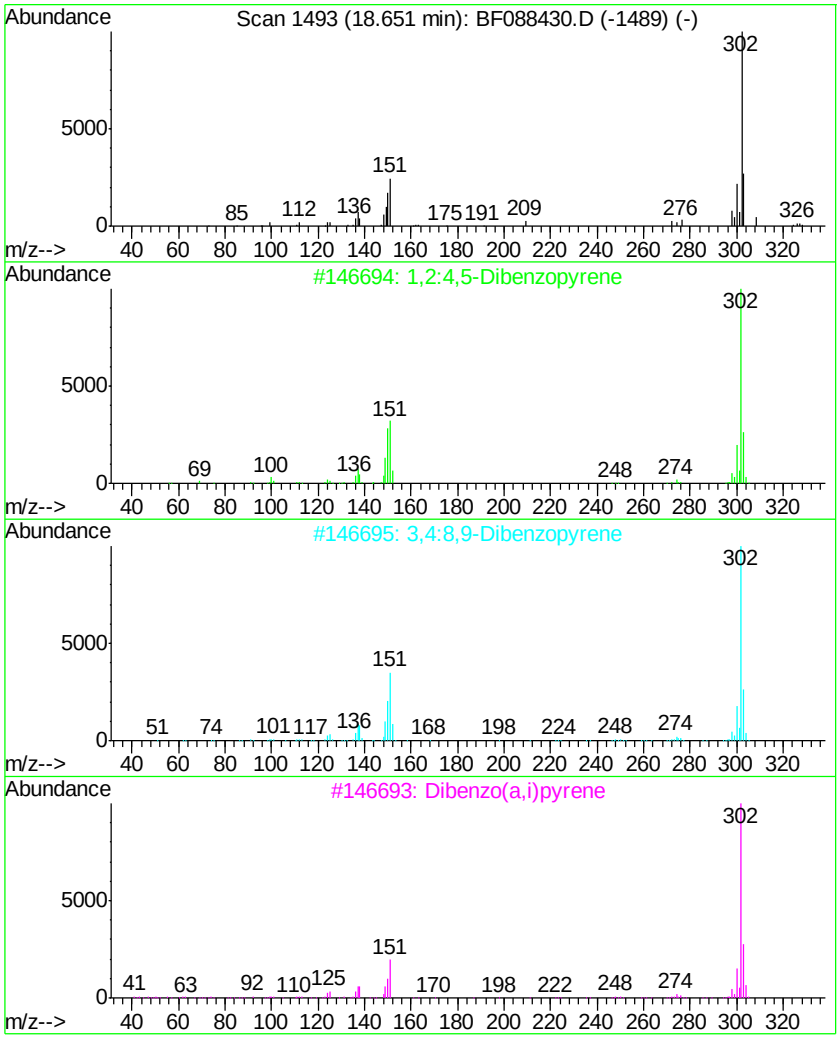
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

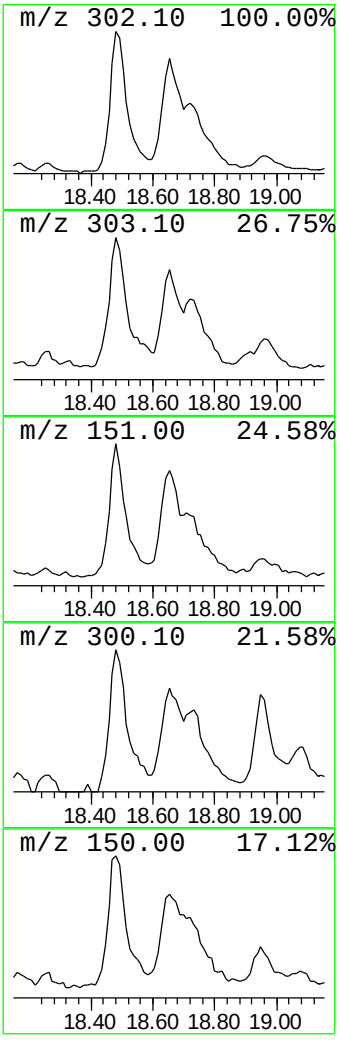
****

Peak Number 19 1,2:4,5-Dibenzopyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.65	5.84 ng	130043	Perylene-d12	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	91
2	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	87
3	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	87
4	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	81
5	Dibenzo[fg,op]naphthacene	302	C24H14	000192-51-8	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062616\
Data File : BF088430.D
Acq On : 26 Jun 2016 20:53
Operator : UM/SJ
Sample : H3663-03 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.65	8.5	ng	194415	1	6.55	456408	20.0
unknown6.32	6.32	39.0	ng	889929	1	6.55	456408	20.0
9H-Cyclopenta[a]p...	14.18	5.5	ng	455756	5	13.68	1671030	20.0
Benz(a)anthracene...	14.39	7.8	ng	173554	6	15.03	445655	20.0
1,19-Eicosadiene	14.58	19.3	ng	429790	6	15.03	445655	20.0
Benzo[a]pyrene, 4...	14.88	8.2	ng	182988	6	15.03	445655	20.0
unknown15.29	15.29	6.8	ng	152587	6	15.03	445655	20.0
Nonadecane	15.41	8.0	ng	177704	6	15.03	445655	20.0
3,4-Dibromobenzal...	15.50	5.3	ng	117293	6	15.03	445655	20.0
Picene	16.40	5.8	ng	129143	6	15.03	445655	20.0
Benzo[b]triphenylene	16.45	4.4	ng	98124	6	15.03	445655	20.0
Dibenzo[def,mno]c...	16.83	8.8	ng	196633	6	15.03	445655	20.0
Indeno[1,2,3-fg]n...	18.48	9.8	ng	217274	6	15.03	445655	20.0
1,2:4,5-Dibenzopy...	18.65	5.8	ng	130043	6	15.03	445655	20.0