LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088429.D
Acq On : 26 Jun 2016 20:24
Operator : UM/SJ
Sample : H3663-08 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURFACESOILDUP

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	43	rVB	284815	634528	35.24%	2.072%
2	4.638	266	267	280	rBV	94868	177812	9.88%	0.581%
3	5.130	308	310	323	rBV	349188	692055	38.44%	2.260%
4	6.216	403	405	412	rBV	468954	673070	37.39%	2.198%
5	6.319	412	414	429	rVB	763082	839388	46.62%	2.741%
6	6.547	432	434	445	rBV	405224	461799	25.65%	1.508%
7	6.696	445	447	450	rBV	618265	631191	35.06%	2.061%
8	7.119	482	484	497	rBV	405440	485191	26.95%	1.584%
9	7.827	544	546	559	rBV2	433391	719829	39.98%	2.350%
10	8.547	607	609	615	rBV	51100	48566	2.70%	0.159%
11	8.913	638	641	643	rBV	971676	1001850	55.65%	3.271%
12	9.233	667	669	671	rBV2	29230	40841	2.27%	0.133%
13	9.313	674	676	678	rVV	332482	273609	15.20%	0.893%
14	9.576	696	699	701	rBV	816702	774226	43.00%	2.528%
15	9.610	701	702	704	rVB	257193	186594	10.36%	0.609%
16	9.782	715	717	719	rBV	74446	68725	3.82%	0.224%
17	10.125	744	747	750	rVB2	96921	117533	6.53%	0.384%
18	10.365	765	768	771	rBV	552012	580451	32.24%	1.895%
19	10.490	777	779	784	rVB	49638	79686	4.43%	0.260%
20	10.799	803	806	810	rBV4	17240	52061	2.89%	0.170%
21	10.868	810	812	814	rVV	38229	39817	2.21%	0.130%
22	10.913	814	816	817	rVV	35589	44191	2.45%	0.144%
23	10.948	817	819	823	rVB2	62312	91624	5.09%	0.299%
24	11.073	826	830	833	rVV2	993094	1743878	96.86%	5.694%
25	11.131	833	835	837	rVV	260957	295617	16.42%	0.965%
26	11.165	837	838	843	rVV	40430	70504	3.92%	0.230%
27	11.291	846	849	853	rBV2	125991	205920	11.44%	0.672%
28	11.359	853	855	860	rVB3	35537	64192	3.57%	0.210%
29	11.553	870	872	873	rBV	97012	103919	5.77%	0.339%
30	11.576	873	874	876	rVV	126922	155806	8.65%	0.509%
31	11.622	876	878	880	rVV2	45555	89412	4.97%	0.292%
32	11.656	880	881	887	rVB	203563	288407	16.02%	0.942%
33	11.771	887	891	894	rBV2	29003	63102	3.51%	0.206%
34	11.851	896	898	899	rVV	54823	58145	3.23%	0.190%

LSC Area Percent Report

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Sample : H3663-08 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURFACESOILDUP

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

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

35	11.885	899	901	903	rVB	49081	42946	2.39%	0.140%
36	12.102	918	920	921	rBV	41409	53745	2.99%	0.175%
37	12.136	921	923	926	rVB3	27099	54981	3.05%	0.180%
38	12.193	926	928	931	rVB2	53241	69733	3.87%	0.228%
39	12.262	931	934	936	rBV	1553969	1596896	88.70%	5.214%
40	12.331	936	940	942	rVB2	27249	48483	2.69%	0.158%
41	12.411	944	947	948	rBV	51030	73463	4.08%	0.240%
42	12.491	950	954	956	rVV	1118740	1680189	93.33%	5.486%
43	12.536	956	958	962	rVB2	66919	104412	5.80%	0.341%
44	12.605	962	964	965	rBV	79105	104166	5.79%	0.340%
45	12.628	965	966	971	rVV2	645868	887142	49.28%	2.897%
46	12.708	971	973	975	rVB2	70168	102375	5.69%	0.334%
47	12.811	978	982	984	rBV	217183	298317	16.57%	0.974%
48	12.879	984	988	989	rBV	187591	192811	10.71%	0.630%
49	12.914	989	991	995	rVV2	142106	233661	12.98%	0.763%
50	13.005	997	999	1000	rVV	64887	57649	3.20%	0.188%
51	13.039	1000	1002	1006	rVB2	55350	76413	4.24%	0.249%
52	13.234	1012	1019	1023	rBV3	66661	158031	8.78%	0.516%
53	13.291	1023	1024	1026	rBV2	27138	46492	2.58%	0.152%
54	13.325	1026	1027	1031	rVB	75828	76715	4.26%	0.250%
55	13.428	1033	1036	1039	rBV2	154060	309303	17.18%	1.010%
56	13.474	1039	1040	1044	rVB3	110787	193640	10.76%	0.632%
57	13.542	1044	1046	1049	rBV	137242	172964	9.61%	0.565%
58	13.599	1049	1051	1053	rVB	38803	52016	2.89%	0.170%
59	13.679	1053	1058	1059	rBV2	848932	1658200	92.10%	5.414%
60	13.782	1065	1067	1069	rVB	191200	183866	10.21%	0.600%
61	13.839	1069	1072	1074	rBV3	33025	78409	4.36%	0.256%
62	13.885	1074	1076	1077	rVV	94479	117748	6.54%	0.384%
63	13.919	1077	1079	1083	rVB	73210	118240	6.57%	0.386%
64	13.977	1083	1084	1087	rVB2	24724	39369	2.19%	0.129%
65	14.068	1087	1092	1093	rBV2	127128	274891	15.27%	0.898%
66	14.102	1093	1095	1096	rVB2	39744	51518	2.86%	0.168%
67	14.182	1096	1102	1106	rBV4	126961	455980	25.33%	1.489%
68	14.388	1117	1120	1123	rBV2	79143	151535	8.42%	0.495%
69	14.457	1123	1126	1130	rVB4	35253	70237	3.90%	0.229%
70	14.537	1132	1133	1135	rBV	91060	105903	5.88%	0.346%
71	14.582	1135	1137	1139	rVB	375927	380367	21.13%	1.242%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : SURFACESOILDUP

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
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Peak separation: 5

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

72	14.628	1139	1141	1143	rBV	32972	55745	3.10%	0.182%
73	14.674	1143	1145	1149	rBV	898248	1800337	100.00%	5.878%
74	14.765	1149	1153	1158	rVB2	426391	755411	41.96%	2.466%
75	14.879	1161	1163	1165	rVB2	51757	71974	4.00%	0.235%
76	14.925	1165	1167	1170	rBV	551312	663602	36.86%	2.167%
77	14.982	1170	1172	1175	rBV	781780	887097	49.27%	2.896%
78	15.028	1175	1176	1178	rBV	294044	458739	25.48%	1.498%
79	15.177	1187	1189	1190	rBV	48362	63001	3.50%	0.206%
80	15.211	1190	1192	1196	rVV2	133207	209842	11.66%	0.685%
81	15.405	1206	1209	1211	rBV	152275	248872	13.82%	0.813%
82	15.462	1211	1214	1215	rVV2	41552	83857	4.66%	0.274%
83	15.497	1215	1217	1221	rVB	75307	122207	6.79%	0.399%
84	15.954	1254	1257	1259	rVV2	22180	38243	2.12%	0.125%
85	16.034	1262	1264	1267	rVB2	33353	53050	2.95%	0.173%
86	16.091	1267	1269	1270	rBV2	40079	56783	3.15%	0.185%
87	16.125	1270	1272	1274	rVB	34463	50118	2.78%	0.164%
88	16.262	1280	1284	1288	rVB	369516	720105	40.00%	2.351%
89	16.400	1293	1296	1298	rVV	64606	124651	6.92%	0.407%
90	16.445	1298	1300	1303	rVB2	53746	99344	5.52%	0.324%
91	16.628	1313	1316	1325	rBV	282408	750173	41.67%	2.449%
92	16.754	1325	1327	1331	rVV4	46101	97474	5.41%	0.318%
93	16.834	1331	1334	1339	rVB	92471	219486	12.19%	0.717%
94	16.925	1339	1342	1345	rVB4	16813	36770	2.04%	0.120%
95	17.280	1369	1373	1378	rVB4	21083	60783	3.38%	0.198%
96	17.474	1386	1390	1395	rVB5	41163	112762	6.26%	0.368%
97	18.480	1471	1478	1485	rBV	64058	284079	15.78%	0.928%
98	18.651	1489	1493	1497	rBV	35761	122866	6.82%	0.401%
99	18.948	1515	1519	1523	rBV3	11726	35576	1.98%	0.116%
100	19.451	1557	1563	1567	rBV2	25071	117753	6.54%	0.384%

Sum of corrected areas: 30627045

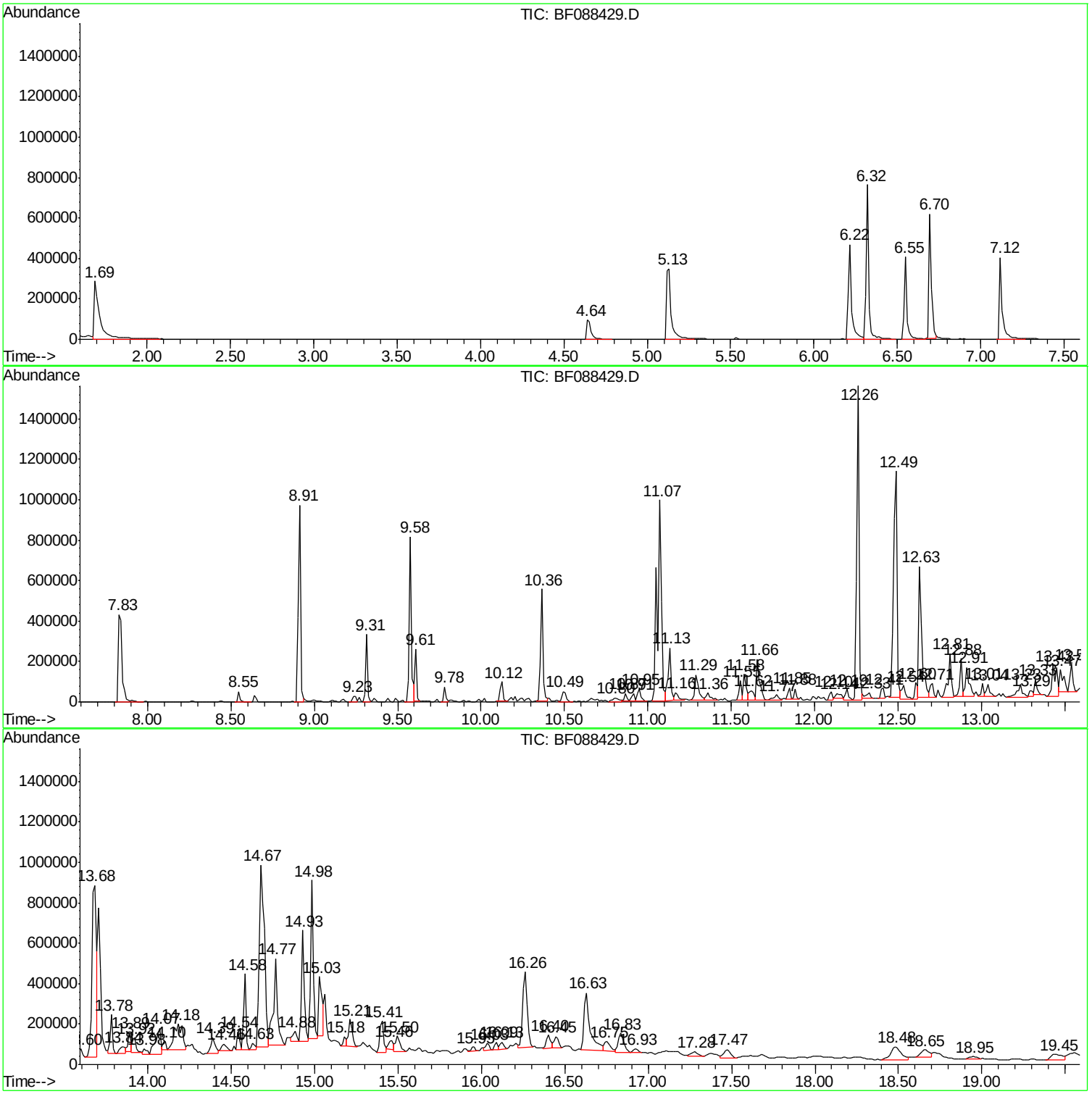
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088429.D
Acq On : 26 Jun 2016 20:24
Operator : UM/SJ
Sample : H3663-08 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SURFACESOILDUP

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 : BF088429.D
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Sample : H3663-08 2X
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

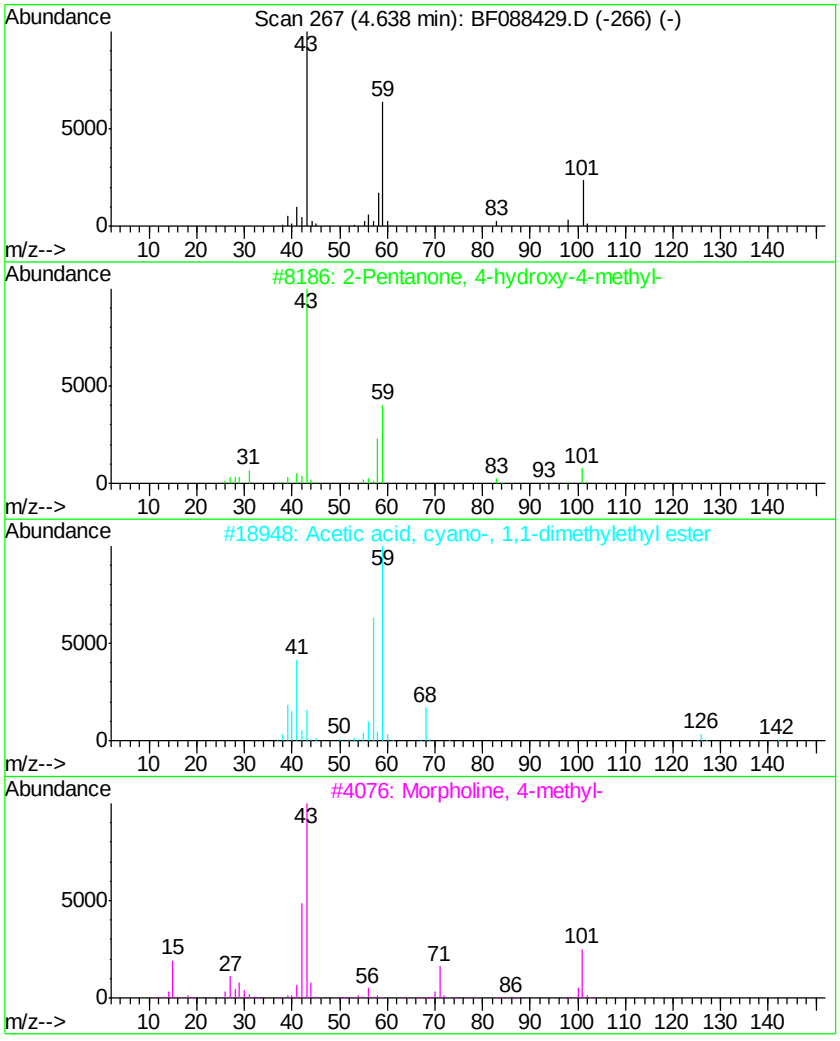
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

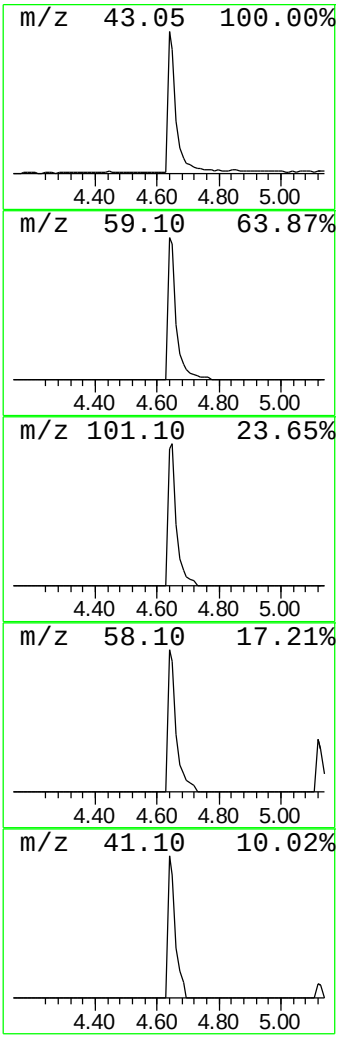
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.64	7.70 ng	177812	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	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088429.D
Acq On : 26 Jun 2016 20:24
Operator : UM/SJ
Sample : H3663-08 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURFACESOILDUP

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

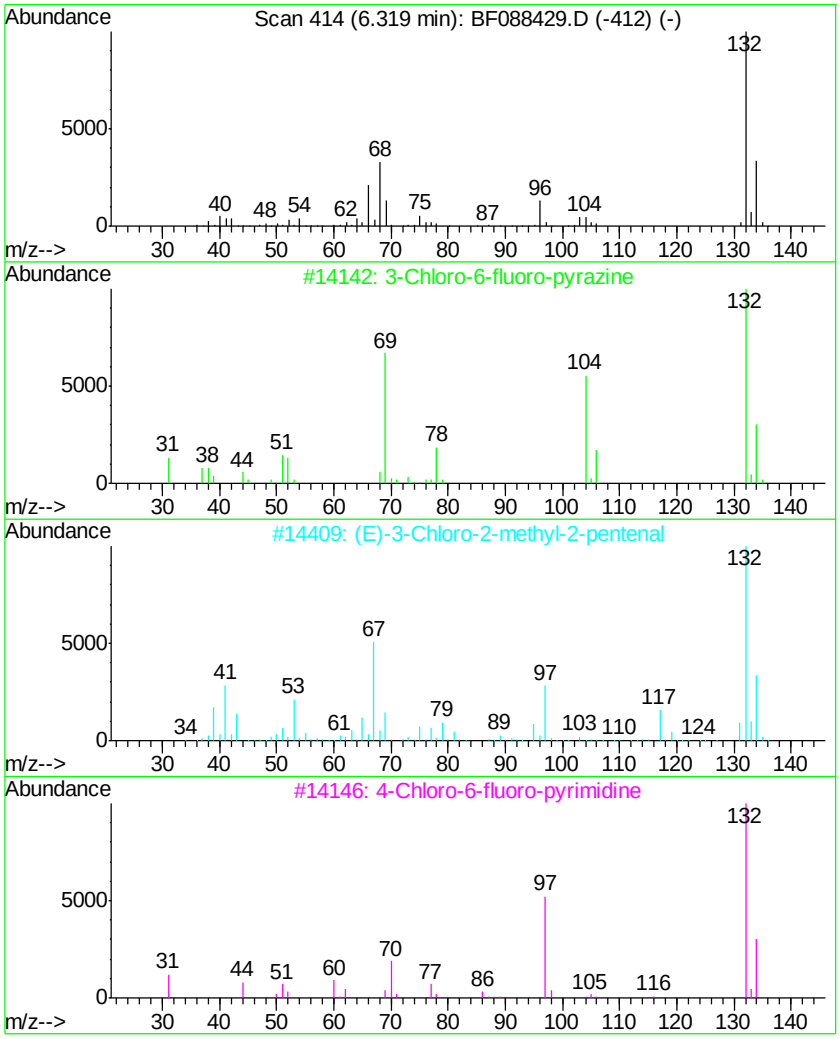
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

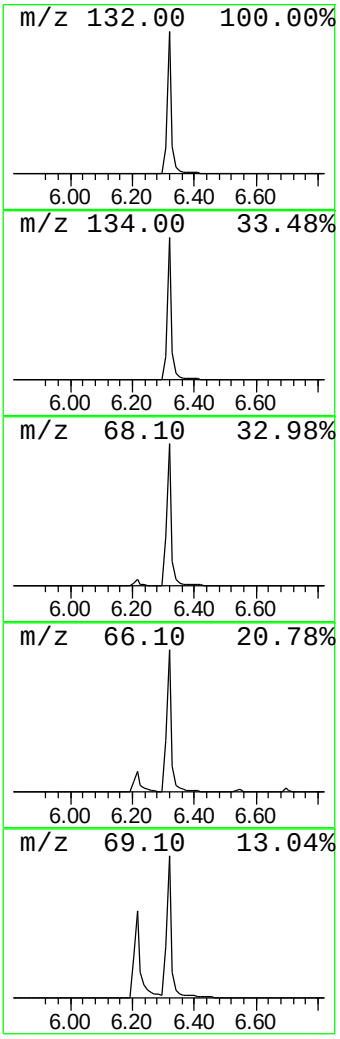
****

Peak Number 3 unknown6.32 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	36.35 ng	839388	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	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Instrument : BNA_F
ClientSampleId : SURFACESOILDUP

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

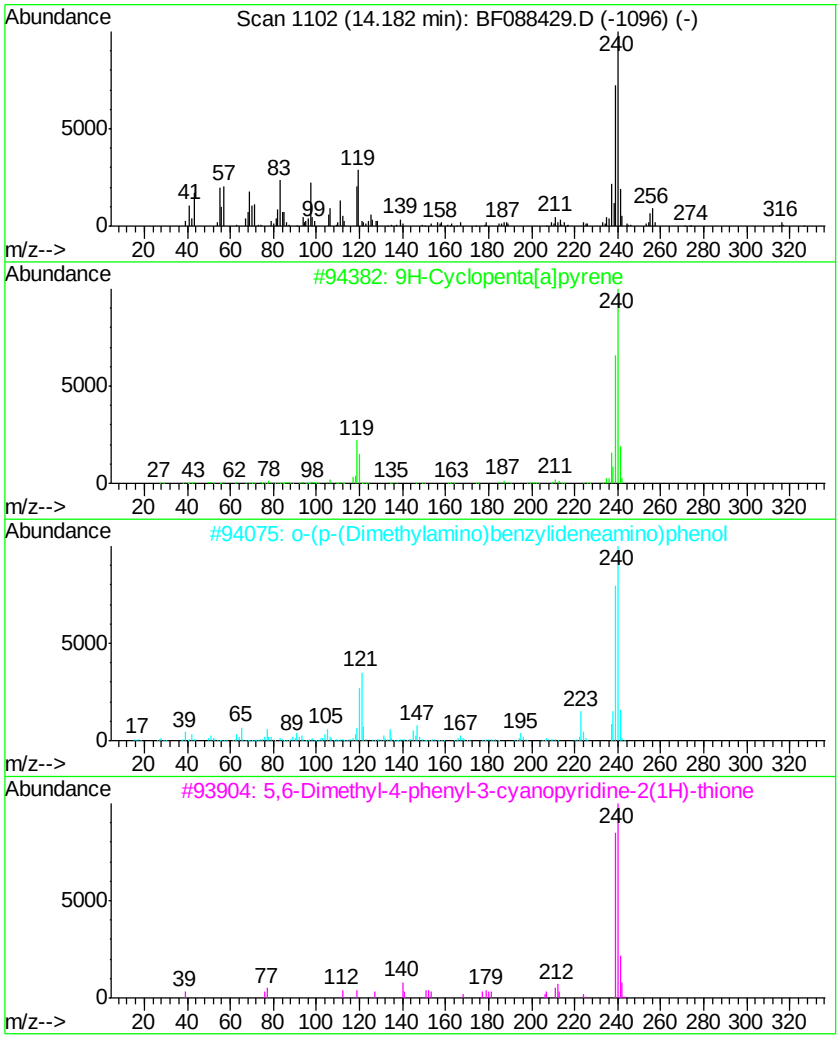
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

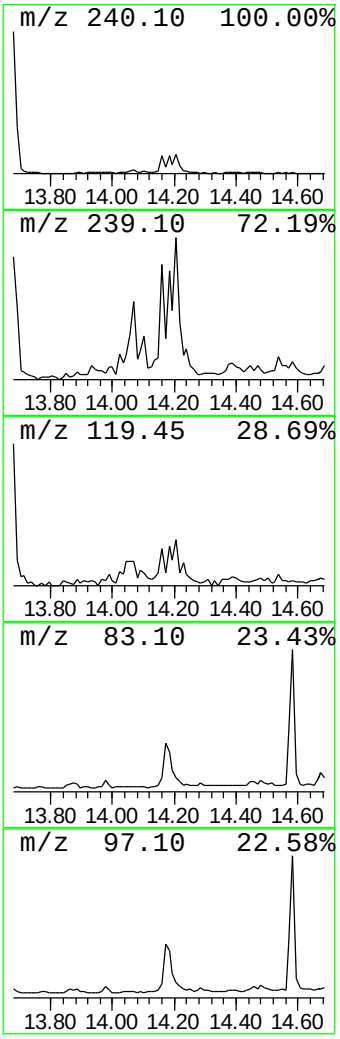
****

Peak Number 5 9H-Cyclopenta[a]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	5.50 ng	455980	Chrysene-d12	13.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Cyclopenta[a]pyrene	240	C19H12	050861-05-7	93
2	o-(p-(Dimethylamino)benzylidenea...	240	C15H16N2O	023837-35-6	50
3	5,6-Dimethyl-4-phenyl-3-cyanopyr...	240	C14H12N2S	094639-18-6	49
4	(9-Hydroxymethyl-[1,10]phenanthr...	240	C14H12N2O2	078831-36-4	47
5	2-Propen-1-one, 1-(2-hydroxyphen...	240	C15H12O3	013323-66-5	47





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Misc :
ALS Vial : 19 Sample Multiplier: 1

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

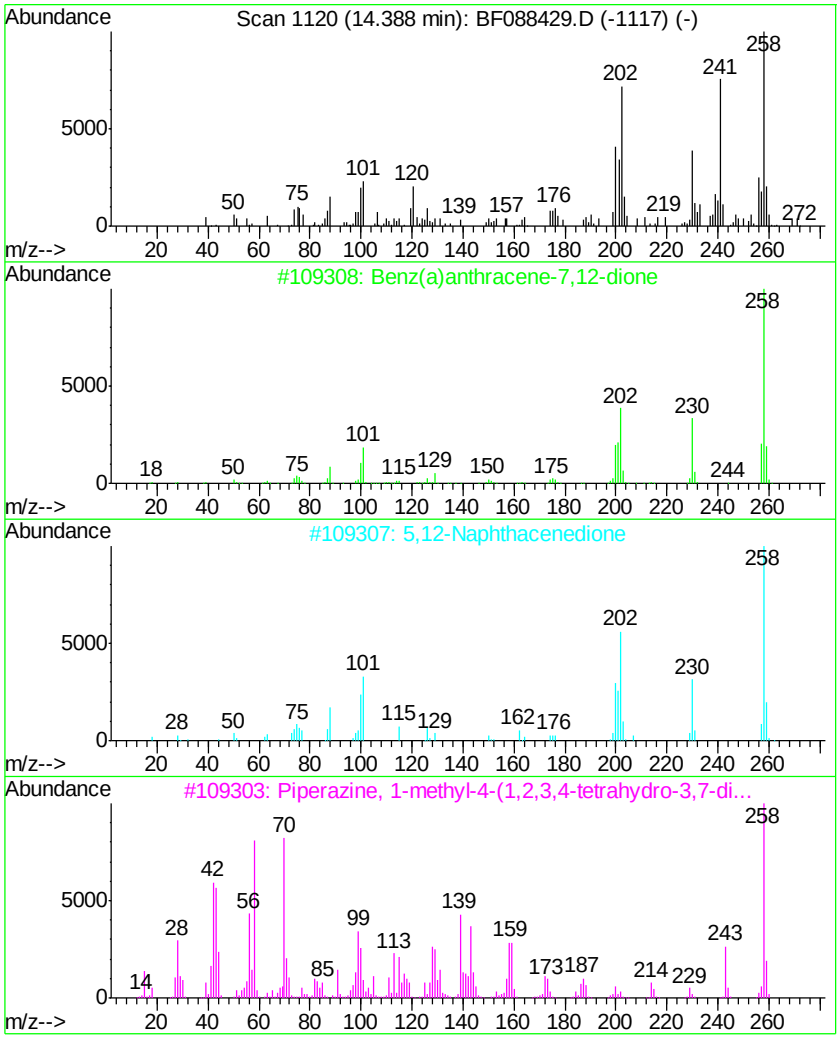
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

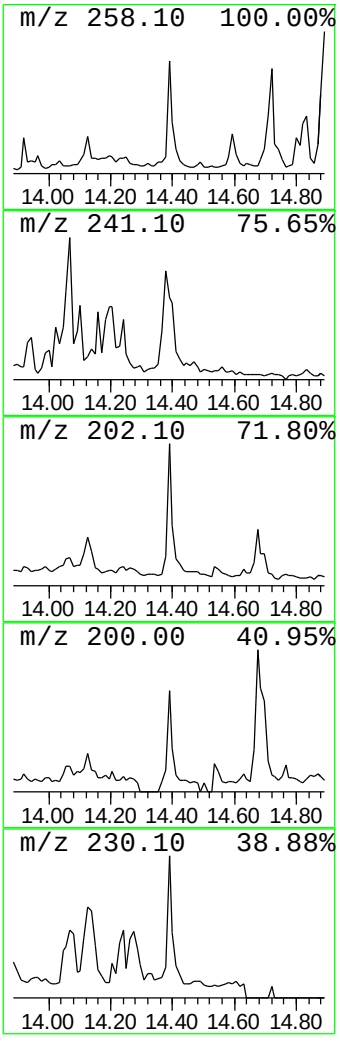
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	6.61 ng	151535	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	83
2	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	83
3	Piperazine, 1-methyl-4-(1,2,3,4-...	258	C17H26N2	055591-14-5	59
4	5,7-Dimethyl-6-phenyl-1,3-diazaa...	258	C16H22N2O	1000216-37-9	43
5	1,8-Anthracenedinitrile, 9,10-di...	258	C16H6N2O2	090866-50-5	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088429.D
Acq On : 26 Jun 2016 20:24
Operator : UM/SJ
Sample : H3663-08 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURFACESOILDUP

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

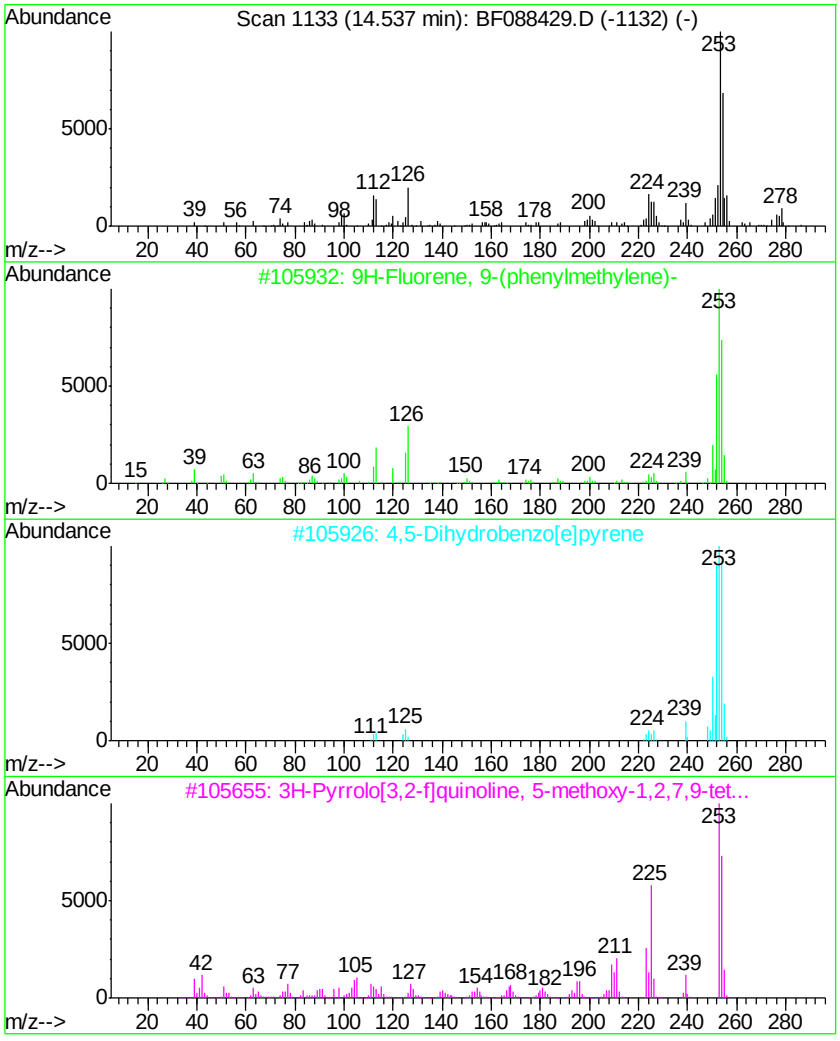
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

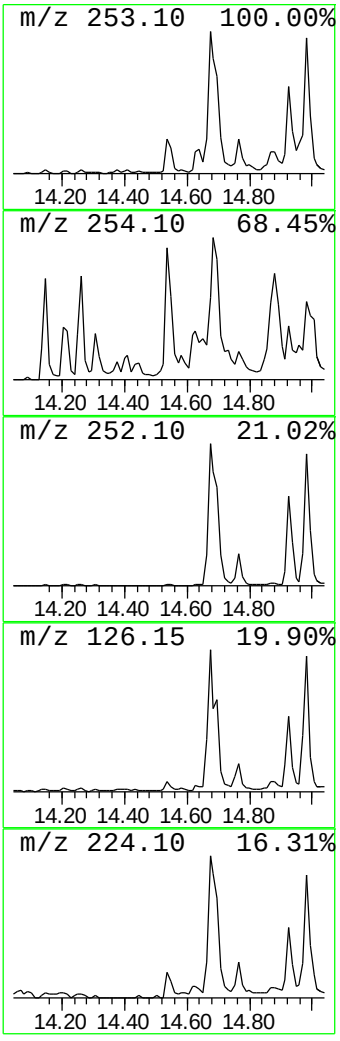
****

Peak Number 7 9H-Fluorene, 9-(phenylmethy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	4.62 ng	105903	Perylene-d12	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	70
2	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	58
3	3H-Pyrrolo[3,2-f]quinoline, 5-me...	254	C16H18N2O	1000350-44-1	53
4	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	52
5	1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	52





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Operator : UM/SJ
Sample : H3663-08 2X
Misc :
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Instrument : BNA_F
ClientSampleId : SURFACESOILDUP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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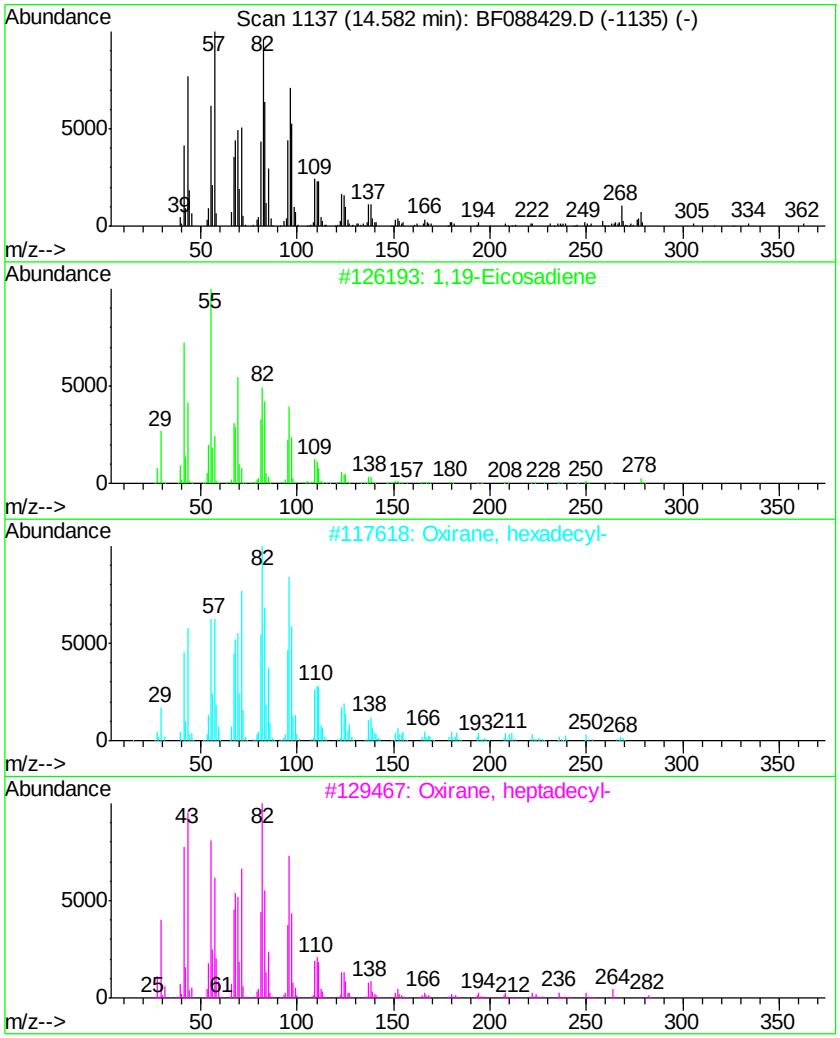
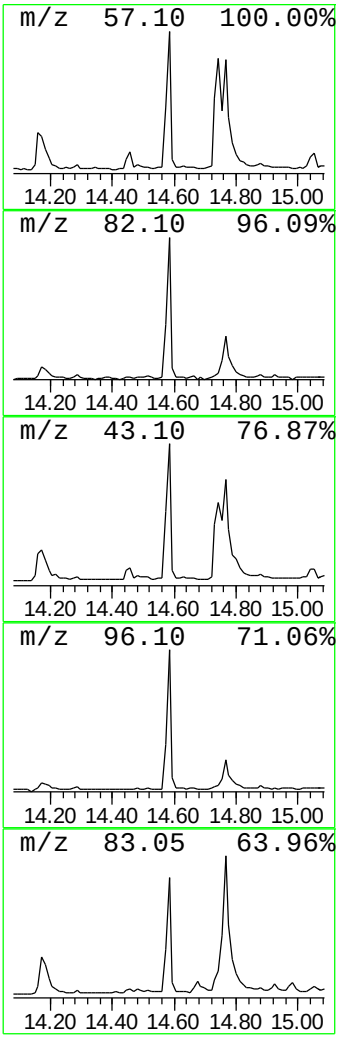
Peak Number 8 1,19-Eicosadiene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	16.58 ng	380367	Perylene-d12	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	93
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
4	Octadecanal	268	C18H36O	000638-66-4	91
5	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	87





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TIC Library : C:\Database\NIST11.L
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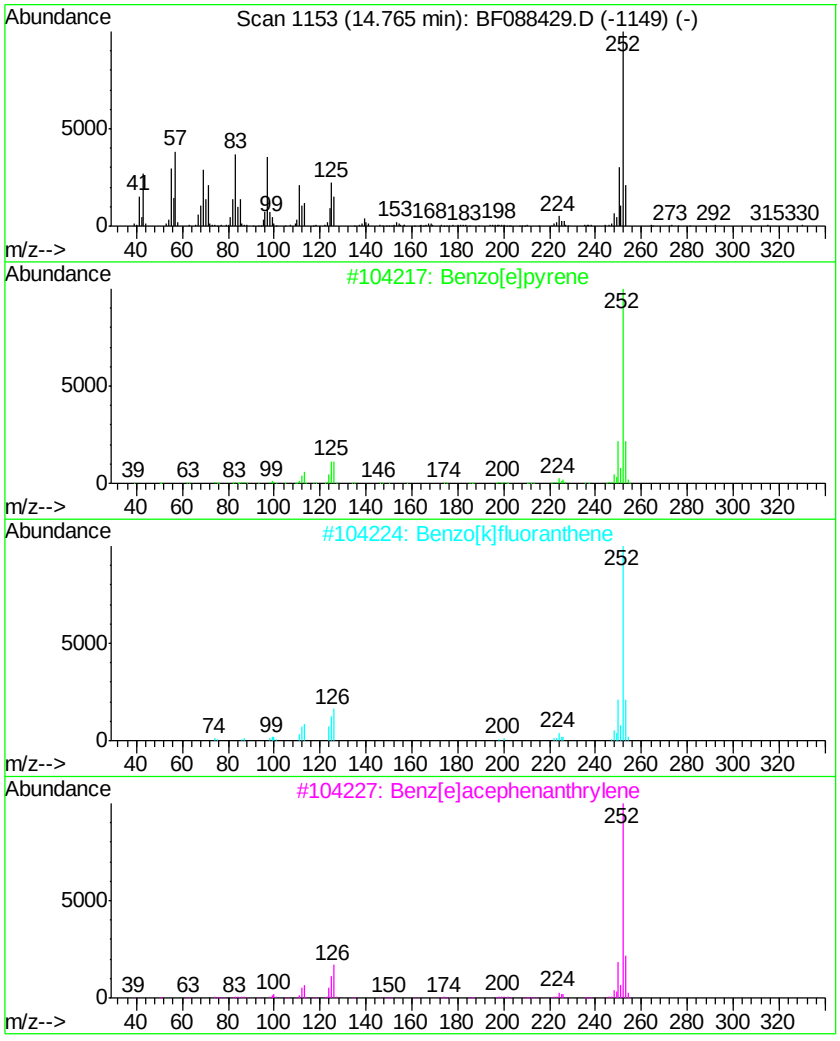
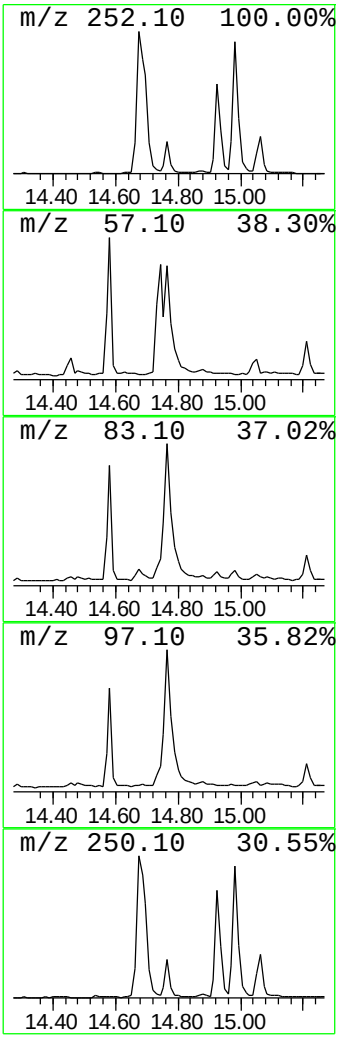
Peak Number 9 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	32.93 ng	755411	Perylene-d12	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Perylene	252	C20H12	000198-55-0	91
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





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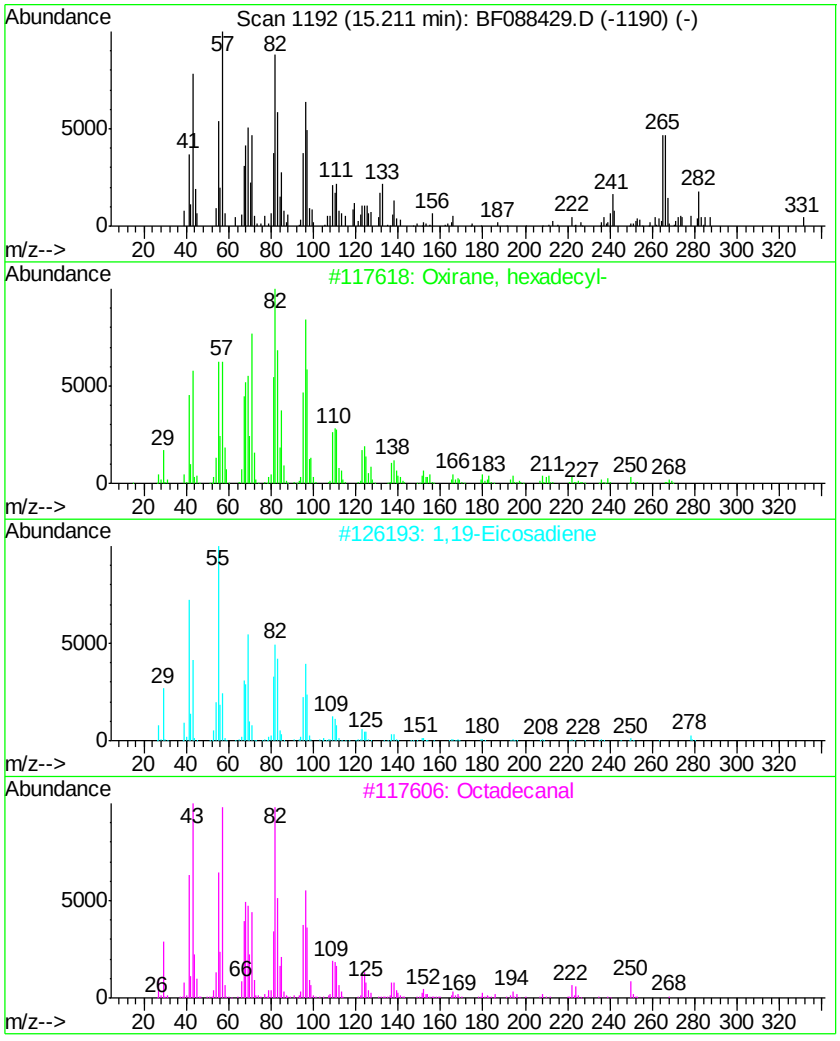
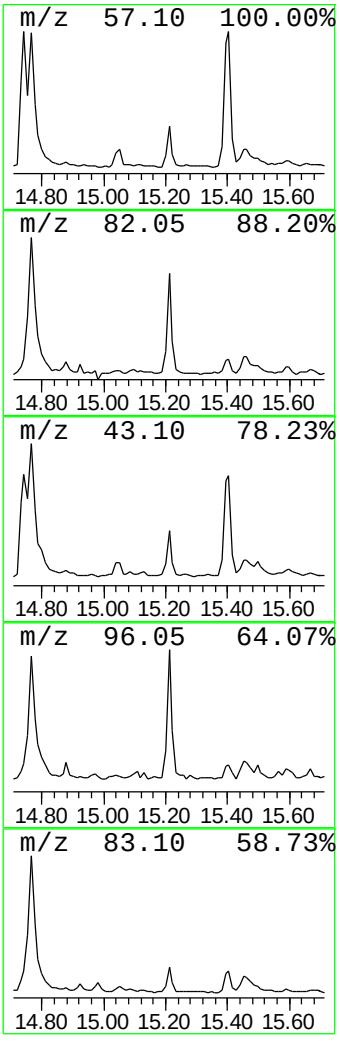
Peak Number 11 Oxirane, hexadecyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	9.15 ng	209842	Perylene-d12	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	97
2	1,19-Eicosadiene	278	C20H38	014811-95-1	90
3	Octadecanal	268	C18H36O	000638-66-4	70
4	1,15-Hexadecadiene	222	C16H30	021964-51-2	70
5	11-Tetradecyn-1-ol acetate	252	C16H28O2	033925-72-3	70





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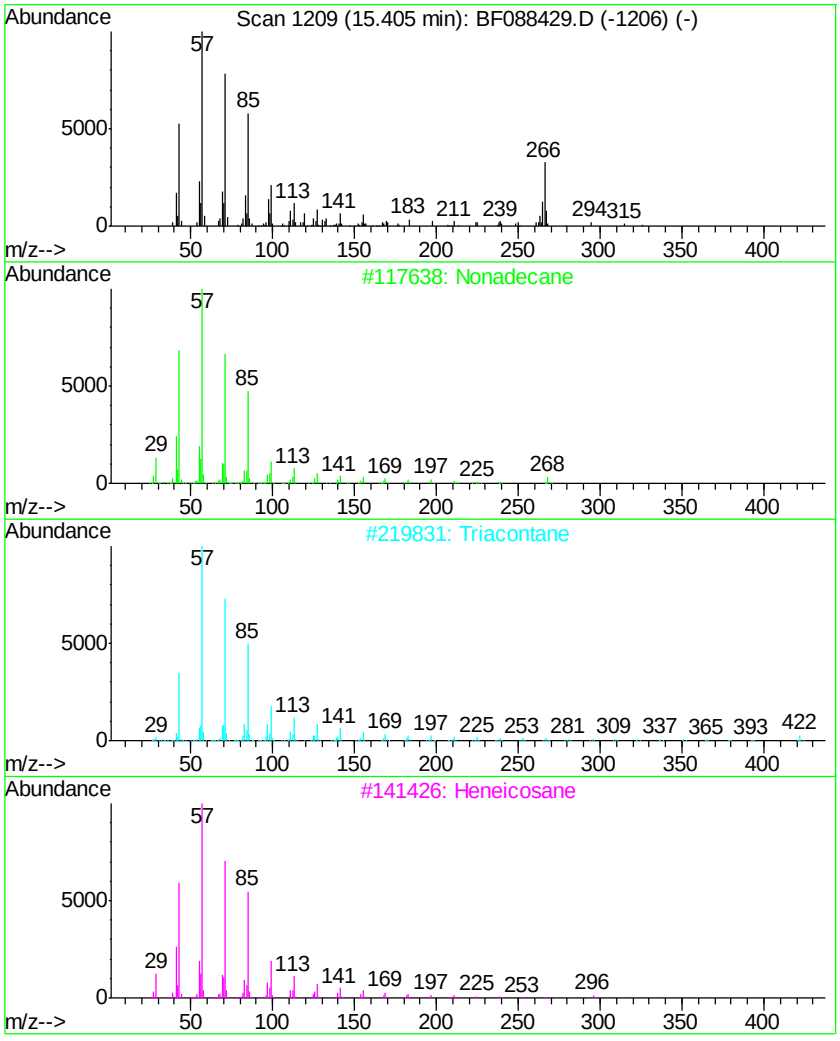
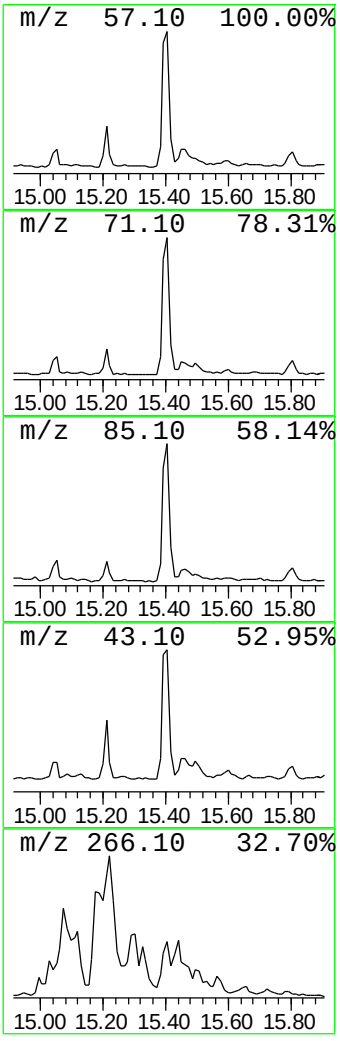
Peak Number 12 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	10.85 ng	248872	Perylene-d12	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Triacontane	422	C30H62	000638-68-6	81
3	Heneicosane	296	C21H44	000629-94-7	81
4	2-methyloctacosane	408	C29H60	1000376-72-8	81
5	Hexacosane	366	C26H54	000630-01-3	76





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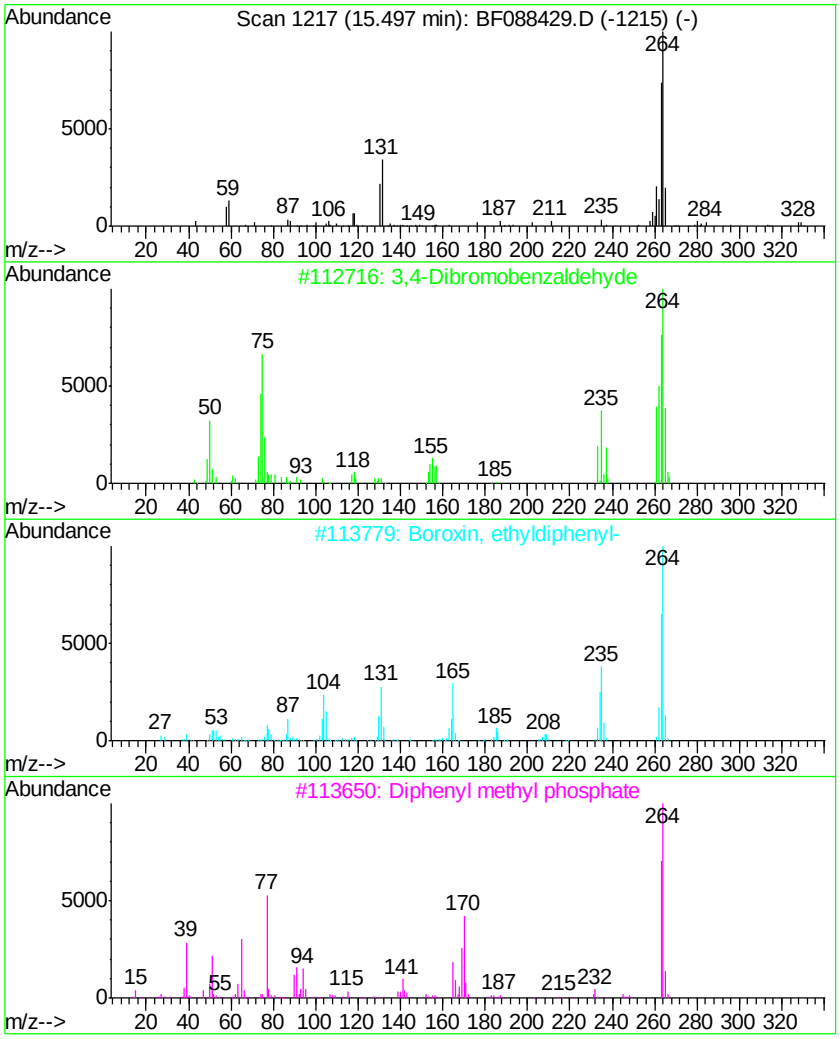
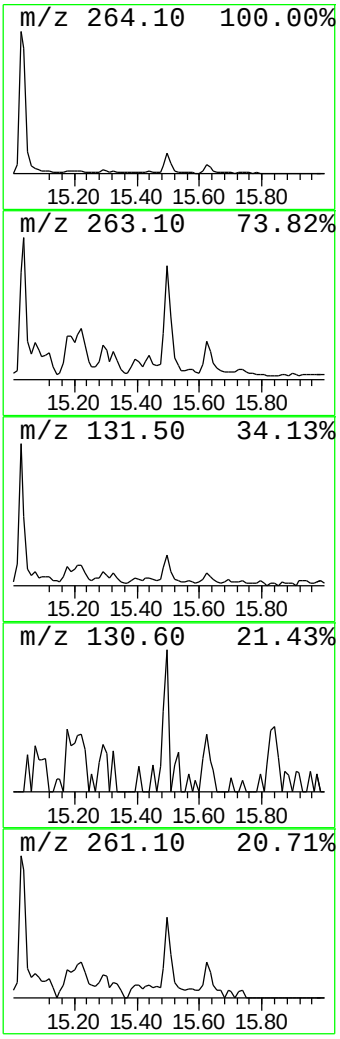
Peak Number 13 3,4-Dibromobenzaldehyde Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	5.33 ng	122207	Perylene-d12	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dibromobenzaldehyde	262	C7H4Br2O	074003-55-7	64
2	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	50
3	Diphenyl methyl phosphate	264	C13H13O4P	000115-89-9	40
4	2-Oxo-6-phenyl-4-(4-hydroxyphenyl...	264	C16H12N2O2	161200-20-0	35
5	2H,5H-Pyrano[3,2-c][1]benzopyran...	292	C18H12O4	1000319-83-9	33





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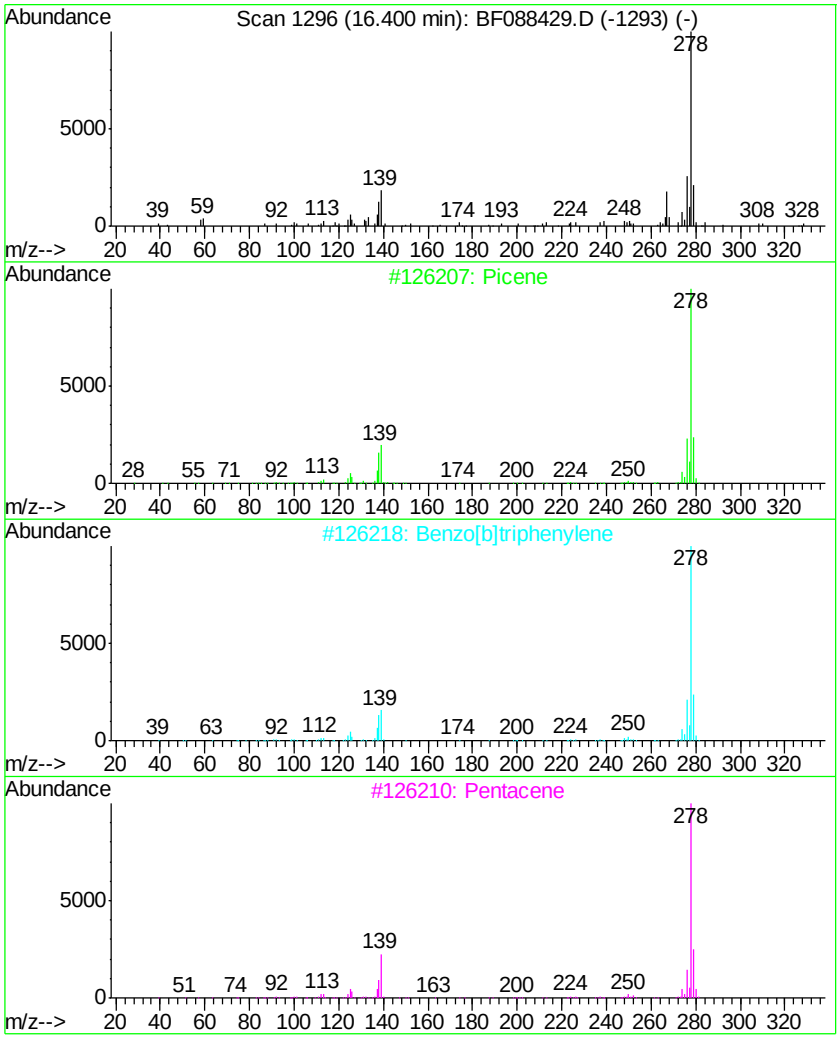
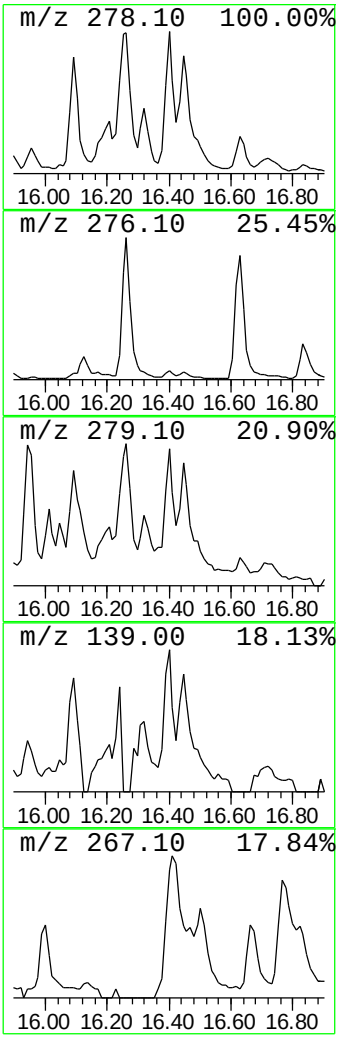
Peak Number 14 Picene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	5.43 ng	124651	Perylene-d12	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	97
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	94
3	Pentacene	278	C22H14	000135-48-8	93
4	Benzo[a]naphthacene	278	C22H14	000226-88-0	90
5	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	89





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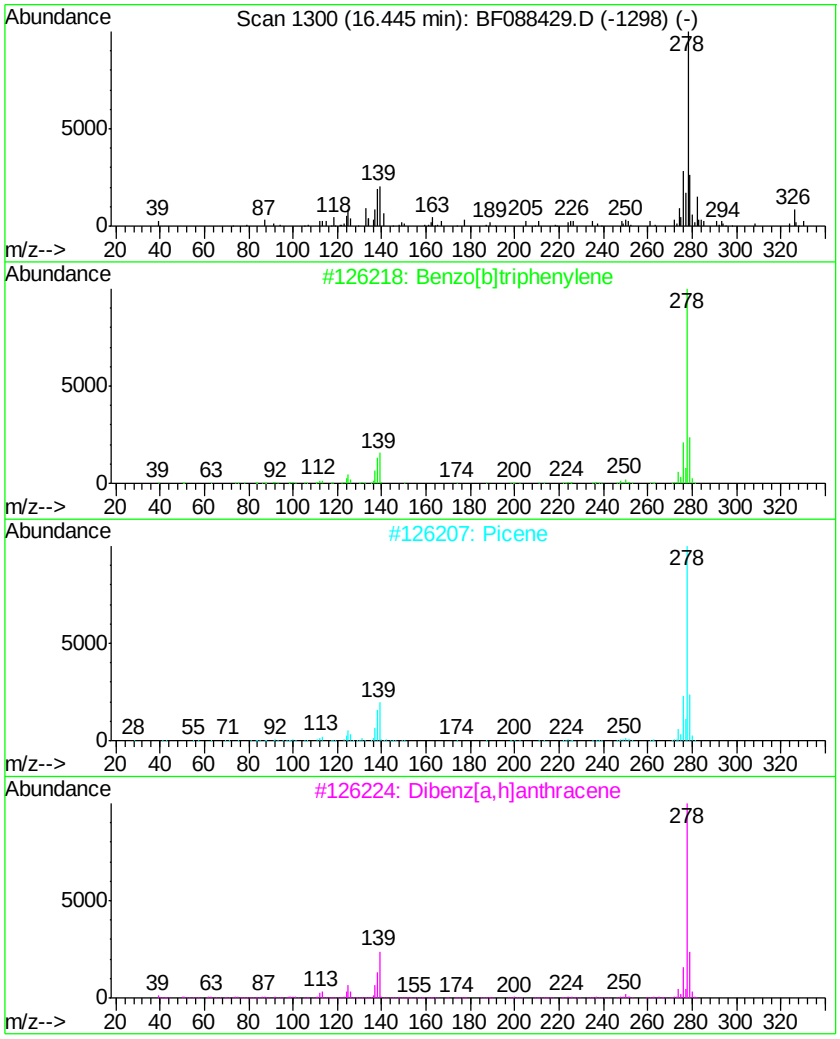
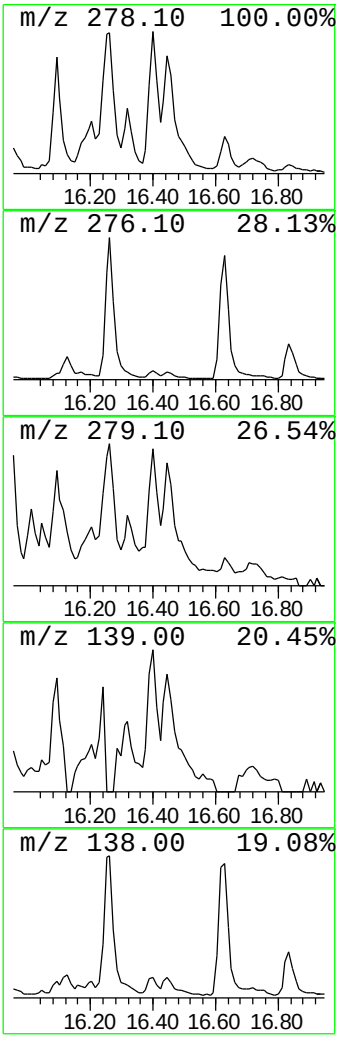
Peak Number 15 Benzo[b]triphenylene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	4.33 ng	99344	Perylene-d12	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	95
2	Picene	278	C22H14	000213-46-7	94
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	92
4	Benzo[b]chrysene	278	C22H14	000214-17-5	89
5	Pyrene, 1-phenyl-	278	C22H14	005101-27-9	83





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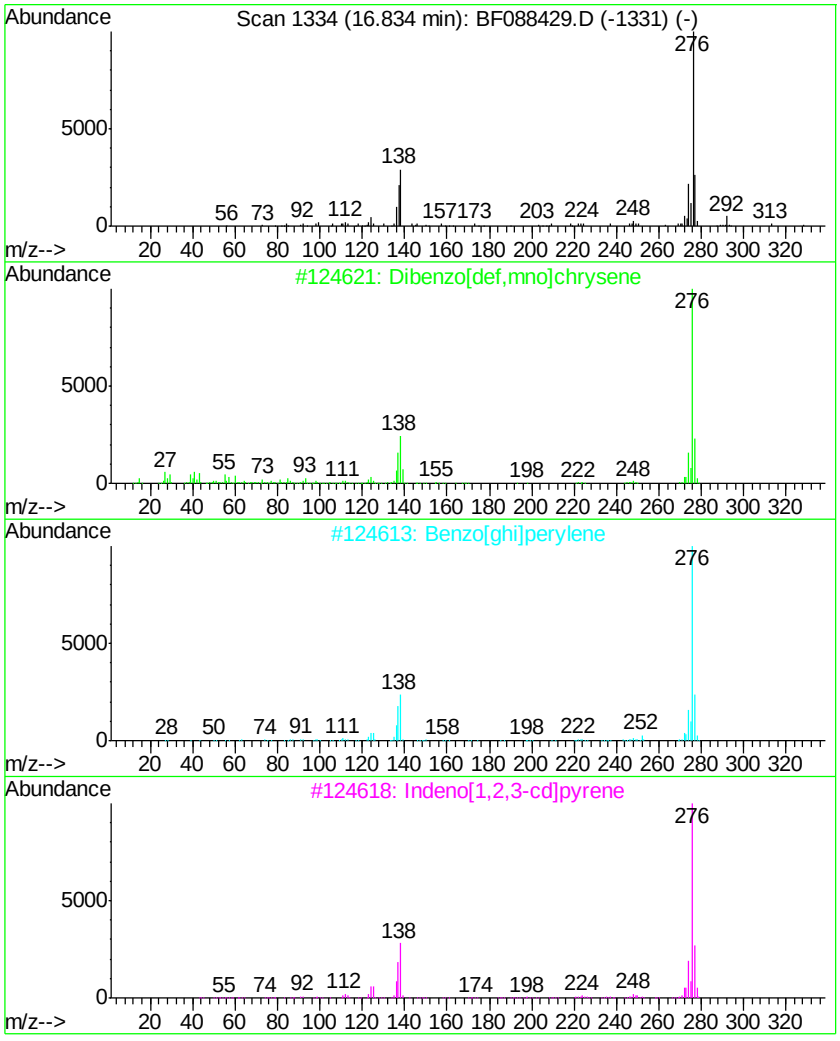
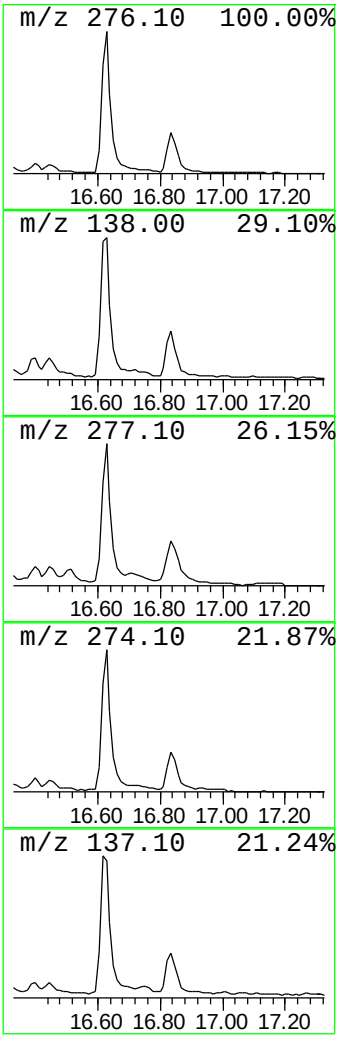
Peak Number 16 Dibenzo[def,mno]chrysene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	9.57 ng	219486	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	97
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	91
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	70
5	Phosphoric acid, 4-methoxy-2-(me...	276	C11H17O6P	094420-71-0	47





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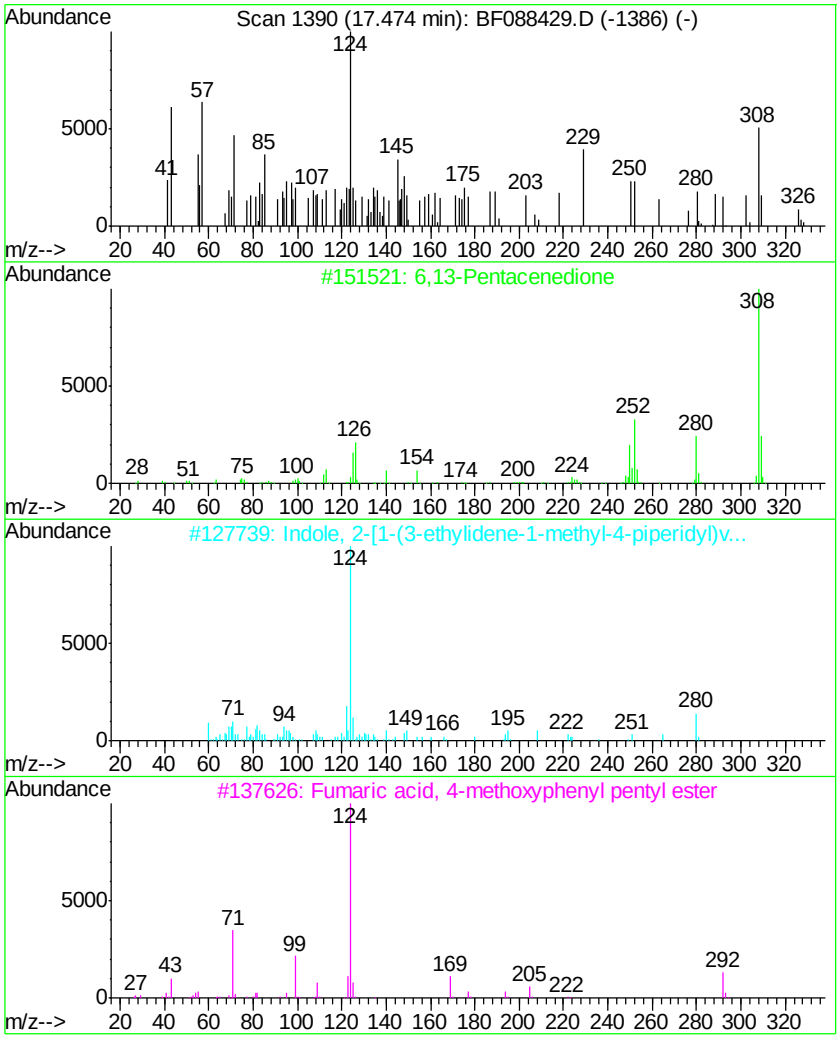
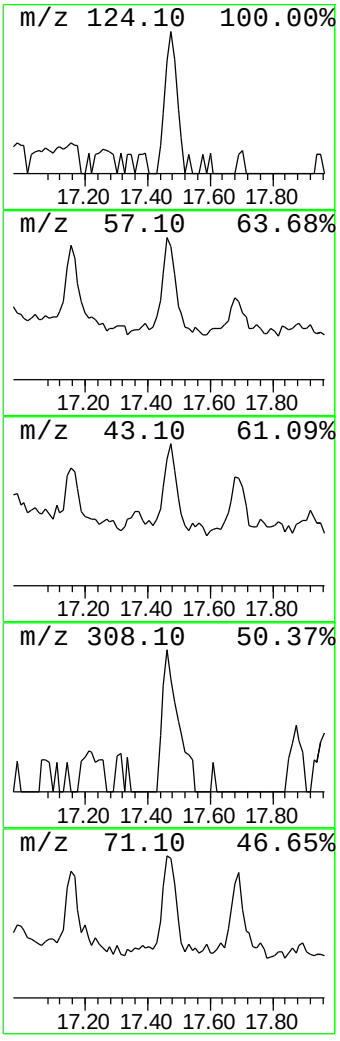
Peak Number 17 unknown17.47 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.47	4.92 ng	112762	Perylene-d12	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,13-Pentacenedione	308	C22H12O2	003029-32-1	25
2	Indole, 2-[1-(3-ethylidene-1-met...	280	C19H24N2	001850-33-5	22
3	Fumaric acid, 4-methoxyphenyl pe...	292	C16H20O5	1000344-74-2	22
4	6-Acetyl-1,7-dimethyl-8-propylde...	252	C15H28N2O	1000240-86-9	16
5	Pregna-1,4,7,16-tetraene-3,20-dione	308	C21H24O2	056145-33-6	15





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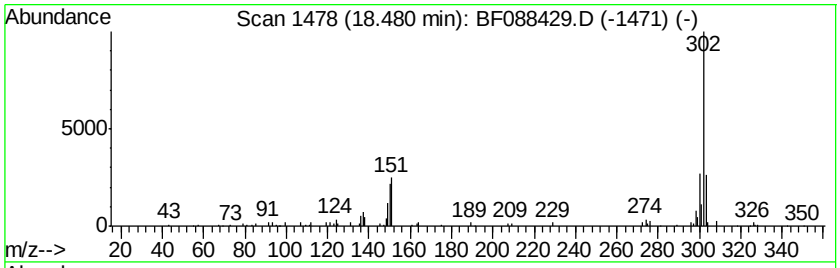
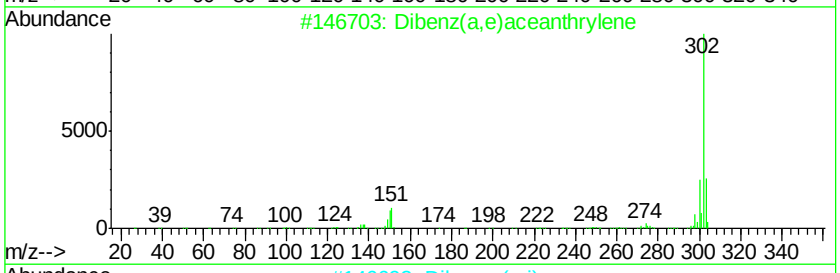
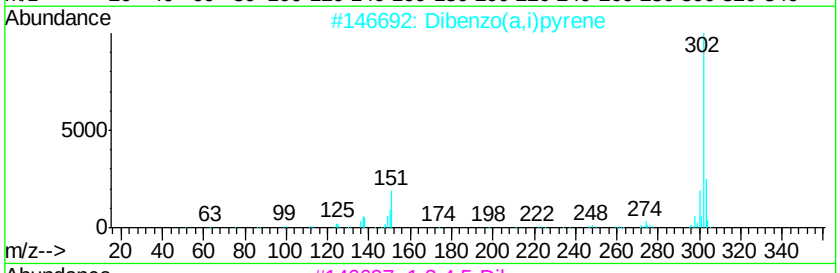
Peak Number 18 Dibenz(a,e)aceanthrylene Concentration Rank 7

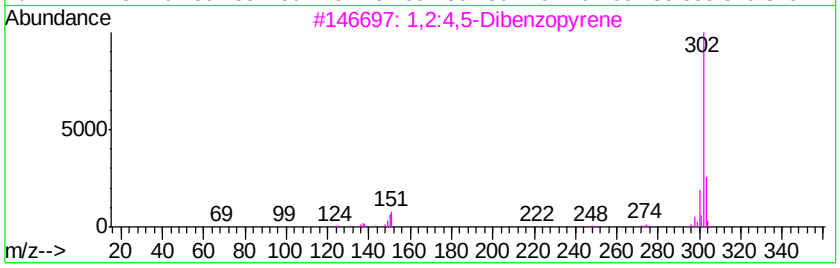
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	12.39 ng	284079	Perylene-d12	15.03

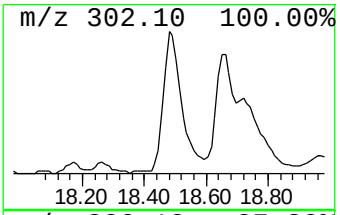
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	93
2	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	93
3	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	93
4	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	89
5	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	64

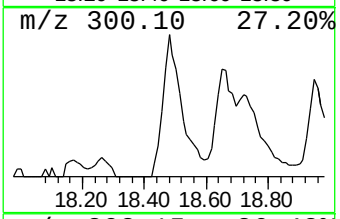


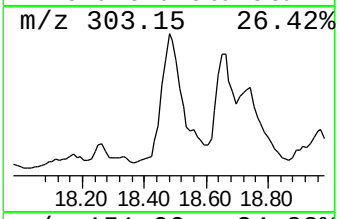


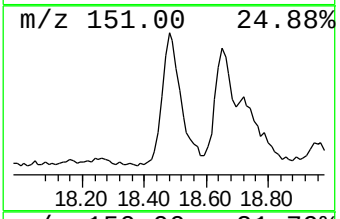


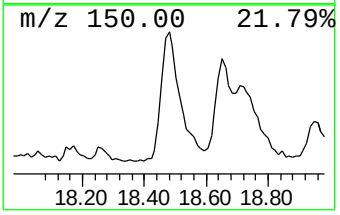












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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURFACESOILDUP

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

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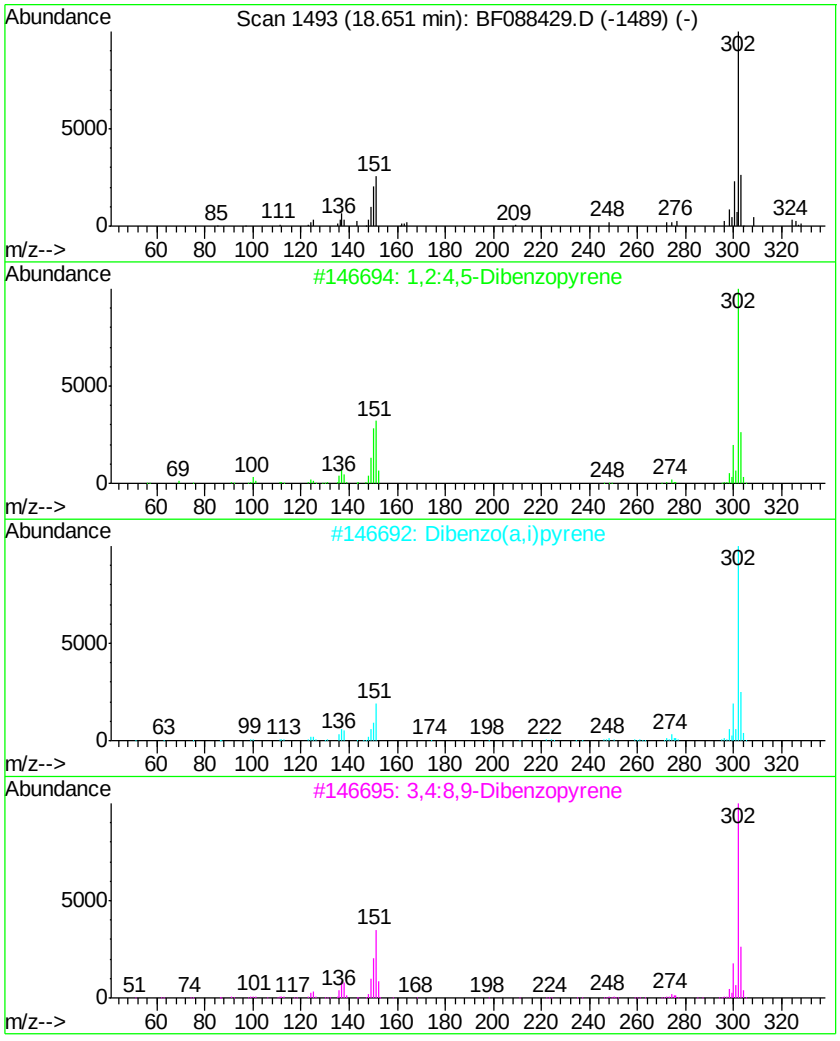
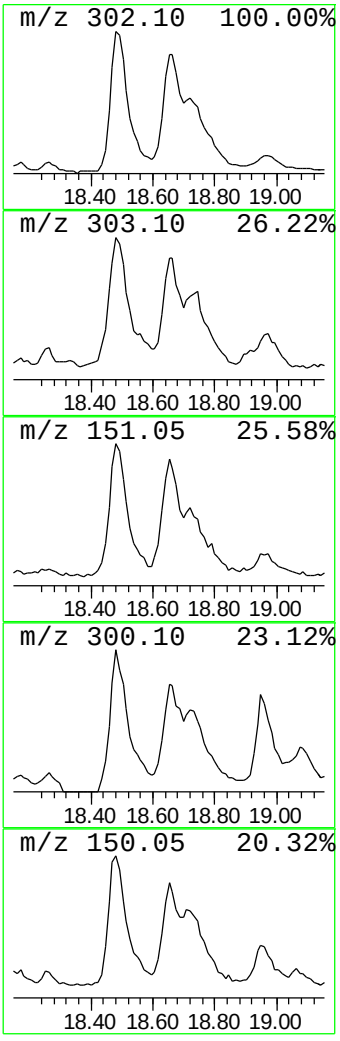
Peak Number 19 1,2:4,5-Dibenzopyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.65	5.36 ng	122866	Perylene-d12	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	96
2	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	93
3	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	91
4	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	90
5	1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	62





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088429.D
Acq On : 26 Jun 2016 20:24
Operator : UM/SJ
Sample : H3663-08 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURFACESOILDUP

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

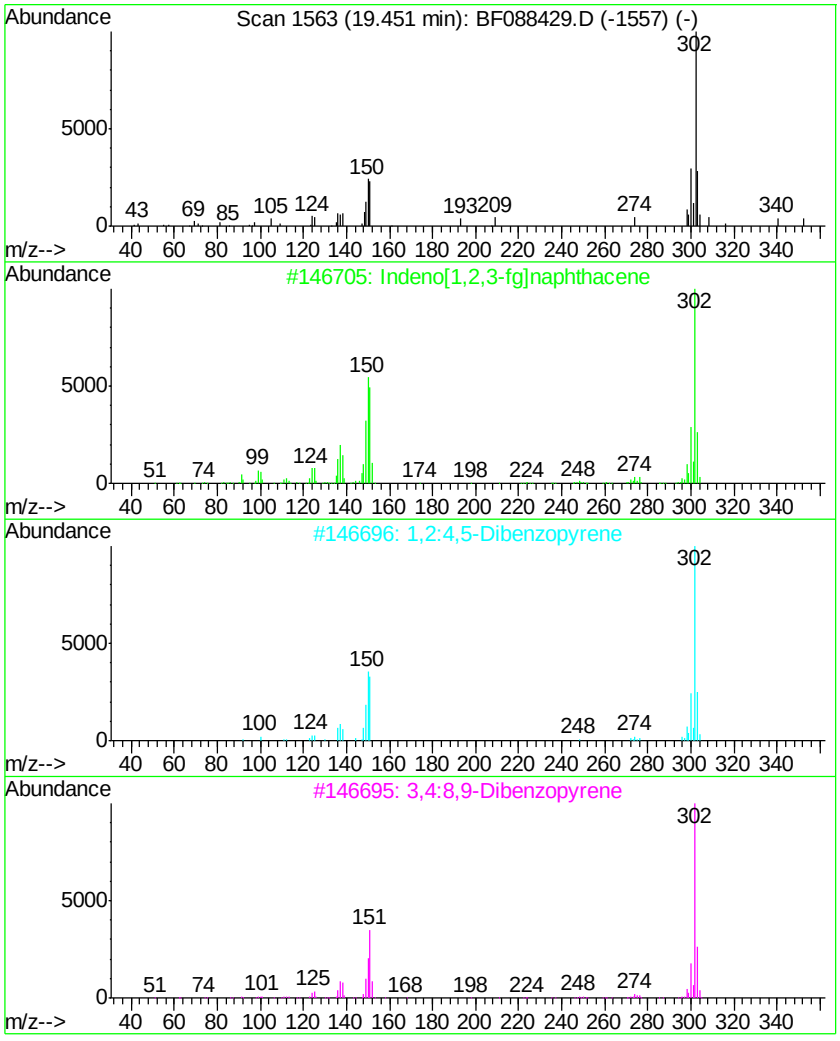
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

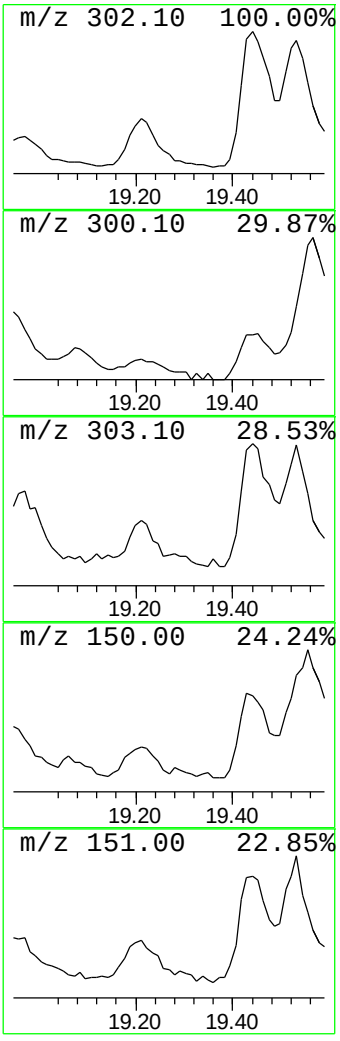
****

Peak Number 20 Indeno[1,2,3-fg]naphthacene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.45	5.13 ng	117753	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	90
2	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	90
3	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	86
4	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	81
5	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062616\
Data File : BF088429.D
Acq On : 26 Jun 2016 20:24
Operator : UM/SJ
Sample : H3663-08 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURFACESOILDUP

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...	4.64	7.7	ng	177812	1	6.55	461799	20.0
unknown6.32	6.32	36.4	ng	839388	1	6.55	461799	20.0
9H-Cyclopenta[a]p...	14.18	5.5	ng	455980	5	13.68	1658200	20.0
Benz(a)anthracene...	14.39	6.6	ng	151535	6	15.03	458739	20.0
9H-Fluorene, 9-(p...	14.54	4.6	ng	105903	6	15.03	458739	20.0
1,19-Eicosadiene	14.58	16.6	ng	380367	6	15.03	458739	20.0
Benzo[e]pyrene	14.77	32.9	ng	755411	6	15.03	458739	20.0
Oxirane, hexadecyl-	15.21	9.2	ng	209842	6	15.03	458739	20.0
Nonadecane	15.41	10.9	ng	248872	6	15.03	458739	20.0
3,4-Dibromobenzal...	15.50	5.3	ng	122207	6	15.03	458739	20.0
Picene	16.40	5.4	ng	124651	6	15.03	458739	20.0
Benzo[b]triphenylene	16.45	4.3	ng	99344	6	15.03	458739	20.0
Dibenzo[def,mno]c...	16.83	9.6	ng	219486	6	15.03	458739	20.0
unknown17.47	17.47	4.9	ng	112762	6	15.03	458739	20.0
Dibenz(a,e)aceant...	18.48	12.4	ng	284079	6	15.03	458739	20.0
1,2:4,5-Dibenzopy...	18.65	5.4	ng	122866	6	15.03	458739	20.0
Indeno[1,2,3-fg]n...	19.45	5.1	ng	117753	6	15.03	458739	20.0