LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088379.D
Acq On : 25 Jun 2016 16:16
Operator : UM/SJ
Sample : H3624-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SC-STA-1491(0-4)

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	1.701	8	10	17	rBV	837316	1827823	82.29%	4.268%
2	1.827	17	21	23	rVB	1000764	1656017	74.56%	3.867%
3	1.941	29	31	46	rVB	401052	865740	38.98%	2.022%
4	2.238	54	57	65	rVB	53644	98289	4.43%	0.230%
5	4.661	268	269	280	rVB	73492	150860	6.79%	0.352%
6	5.141	308	311	319	rBV	865695	1167966	52.58%	2.727%
7	6.227	403	406	413	rBV	1152929	1310349	58.99%	3.060%
8	6.330	413	415	418	rBV	1398060	1350931	60.82%	3.154%
9	6.559	433	435	439	rBV	388285	416528	18.75%	0.973%
10	6.719	447	449	451	rBV	891321	1195139	53.81%	2.791%
11	7.142	484	486	488	rBV	541217	833959	37.55%	1.947%
12	7.850	545	548	550	rBV	518301	611476	27.53%	1.428%
13	8.285	584	586	590	rVB	61093	67128	3.02%	0.157%
14	8.559	608	610	613	rVV	67952	74351	3.35%	0.174%
15	8.662	616	619	624	rVB	47317	78063	3.51%	0.182%
16	8.925	640	642	645	rVV	1890559	1726207	77.72%	4.031%
17	9.016	648	650	655	rVB3	45436	85995	3.87%	0.201%
18	9.256	669	671	672	rVV	79464	72161	3.25%	0.168%
19	9.290	672	674	675	rVV2	57217	77975	3.51%	0.182%
20	9.325	675	677	680	rVV	369419	354386	15.95%	0.828%
21	9.450	686	688	691	rBV	234540	233935	10.53%	0.546%
22	9.542	694	696	698	rBV	65461	63561	2.86%	0.148%
23	9.588	698	700	702	rBV	587321	623329	28.06%	1.456%
24	9.622	702	703	708	rVB3	46952	62977	2.84%	0.147%
25	9.908	726	728	730	rBV2	72259	92626	4.17%	0.216%
26	9.999	734	736	738	rBV3	46846	84764	3.82%	0.198%
27	10.033	738	739	741	rVB2	60663	78843	3.55%	0.184%
28	10.125	746	747	752	rVB3	37729	85283	3.84%	0.199%
29	10.251	756	758	760	rBV	56883	72772	3.28%	0.170%
30	10.376	767	769	772	rVV2	655703	807163	36.34%	1.885%
31	10.513	778	781	783	rBV2	117984	210556	9.48%	0.492%
32	10.685	793	796	799	rBV4	31512	66798	3.01%	0.156%
33	10.811	804	807	812	rBV2	73988	176898	7.96%	0.413%
34	11.062	828	829	834	rBV2	372376	893382	40.22%	2.086%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H3624-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SC-STA-1491(0-4)

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	11.142	834	836	838	rVV	278770	286120	12.88%	0.668%
36	11.176	838	839	842	rVB2	53148	70146	3.16%	0.164%
37	11.325	848	852	854	rBV4	74687	182083	8.20%	0.425%
38	11.371	854	856	863	rVB5	59605	182144	8.20%	0.425%
39	11.565	871	873	874	rBV	177785	174248	7.84%	0.407%
40	11.599	874	876	878	rVV	205900	242356	10.91%	0.566%
41	11.645	878	880	881	rVV	120781	123797	5.57%	0.289%
42	11.679	881	883	888	rVB2	288582	586662	26.41%	1.370%
43	11.759	888	890	891	rBV	99550	116088	5.23%	0.271%
44	11.782	891	892	896	rVV3	73533	108461	4.88%	0.253%
45	11.862	896	899	901	rVV	153671	206411	9.29%	0.482%
46	11.896	901	902	904	rVB2	61182	83329	3.75%	0.195%
47	12.011	909	912	913	rBV2	111142	147030	6.62%	0.343%
48	12.045	913	915	916	rVV	127935	138106	6.22%	0.322%
49	12.114	919	921	923	rBV	405170	487256	21.94%	1.138%
50	12.148	923	924	927	rVV2	203498	369289	16.63%	0.862%
51	12.205	927	929	933	rVB2	243066	371405	16.72%	0.867%
52	12.274	933	935	938	rBV	1316748	1958209	88.16%	4.573%
53	12.342	938	941	942	rVV2	93876	194059	8.74%	0.453%
54	12.422	946	948	950	rVV3	104629	144667	6.51%	0.338%
55	12.502	952	955	959	rVV2	1523233	2221200	100.00%	5.187%
56	12.559	959	960	962	rVB	211859	208938	9.41%	0.488%
57	12.651	962	968	972	rBV	1353718	1682332	75.74%	3.928%
58	12.719	972	974	978	rBV3	285127	490709	22.09%	1.146%
59	12.834	978	984	986	rVB2	331193	702910	31.65%	1.641%
60	12.891	986	989	991	rBV3	156834	254526	11.46%	0.594%
61	12.937	991	993	997	rVV	371600	511486	23.03%	1.194%
62	13.028	999	1001	1002	rVB	239548	266816	12.01%	0.623%
63	13.051	1002	1003	1005	rBV	202906	250317	11.27%	0.585%
64	13.142	1008	1011	1013	rVB4	58239	114625	5.16%	0.268%
65	13.234	1013	1019	1024	rBV5	140039	494248	22.25%	1.154%
66	13.348	1024	1029	1032	rBV2	298591	474245	21.35%	1.107%
67	13.394	1032	1033	1035	rBV	94450	86098	3.88%	0.201%
68	13.451	1035	1038	1041	rBV2	255617	611208	27.52%	1.427%
69	13.497	1041	1042	1045	rVV2	161290	244759	11.02%	0.572%
70	13.554	1045	1047	1051	rVB2	295680	427324	19.24%	0.998%
71	13.691	1056	1059	1061	rBV2	1111001	1892140	85.19%	4.418%

LSC Area Percent Report

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Acq On : 25 Jun 2016 16:16
Operator : UM/SJ
Sample : H3624-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SC-STA-1491(0-4)

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

72	13.725	1061	1062	1066	rVV	1001505	988551	44.51%	2.308%
73	13.794	1066	1068	1070	rVB2	81482	149473	6.73%	0.349%
74	13.851	1071	1073	1077	rVV4	112308	251385	11.32%	0.587%
75	14.079	1089	1093	1095	rBV	294031	610207	27.47%	1.425%
76	14.182	1098	1102	1103	rVV3	126348	351184	15.81%	0.820%
77	14.205	1103	1104	1108	rVV2	203126	310159	13.96%	0.724%
78	14.274	1108	1110	1113	rVB4	95477	137372	6.18%	0.321%
79	14.411	1117	1122	1125	rBV2	139780	361816	16.29%	0.845%
80	14.491	1125	1129	1131	rBV3	99925	224640	10.11%	0.525%
81	14.560	1133	1135	1136	rBV	129590	118476	5.33%	0.277%
82	14.594	1136	1138	1141	rVB4	65451	98947	4.45%	0.231%
83	14.697	1144	1147	1151	rBV	720355	1428099	64.29%	3.335%
84	14.788	1153	1155	1157	rVB	150604	198679	8.94%	0.464%
85	14.868	1160	1162	1163	rBV	37925	65091	2.93%	0.152%
86	14.948	1166	1169	1172	rVB	410783	470876	21.20%	1.100%
87	15.005	1172	1174	1176	rBV	440836	594340	26.76%	1.388%
88	15.051	1176	1178	1180	rBV	237406	271579	12.23%	0.634%
89	15.234	1192	1194	1198	rVB2	74372	138704	6.24%	0.324%
90	15.314	1199	1201	1203	rBV	42480	64204	2.89%	0.150%
91	15.428	1208	1211	1213	rBV	75062	137074	6.17%	0.320%
92	15.462	1213	1214	1218	rVV3	38005	100586	4.53%	0.235%
93	15.520	1218	1219	1224	rVB2	54388	110791	4.99%	0.259%
94	15.943	1253	1256	1258	rBV4	32725	81898	3.69%	0.191%
95	16.285	1283	1286	1290	rVB	155837	327166	14.73%	0.764%
96	16.480	1301	1303	1306	rVB2	39086	67452	3.04%	0.158%
97	16.663	1316	1319	1328	rVB	99626	277638	12.50%	0.648%
98	16.868	1335	1337	1342	rVB2	26762	68957	3.10%	0.161%
99	17.520	1391	1394	1399	rVB3	32613	75502	3.40%	0.176%
100	18.537	1479	1483	1489	rBV2	19003	64877	2.92%	0.151%

Sum of corrected areas: 42825700

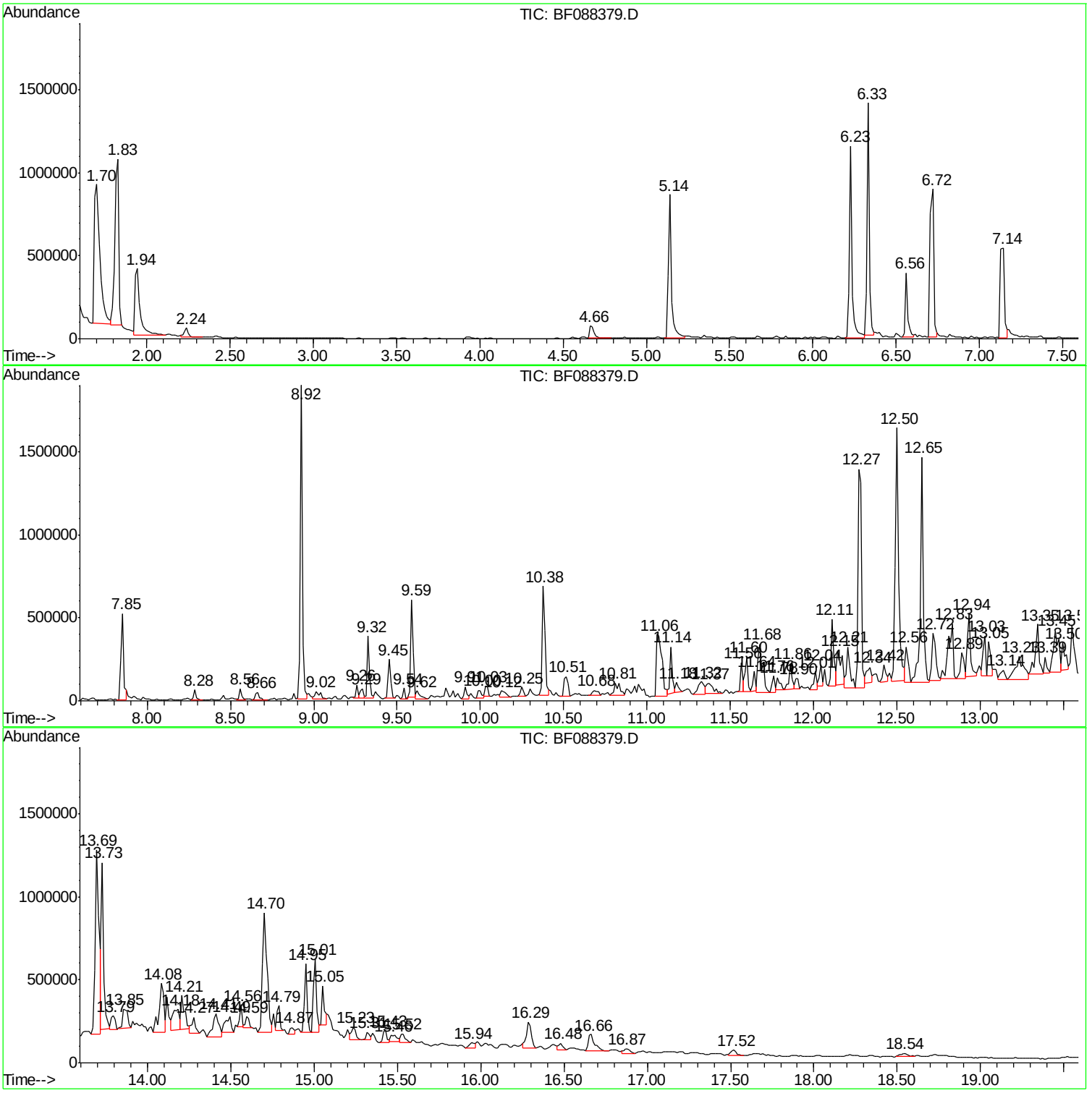
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088379.D
Acq On : 25 Jun 2016 16:16
Operator : UM/SJ
Sample : H3624-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SC-STA-1491(0-4)

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\BF062516\
Data File : BF088379.D
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Instrument : BNA_F
ClientSampleId : SC-STA-1491(0-4)

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

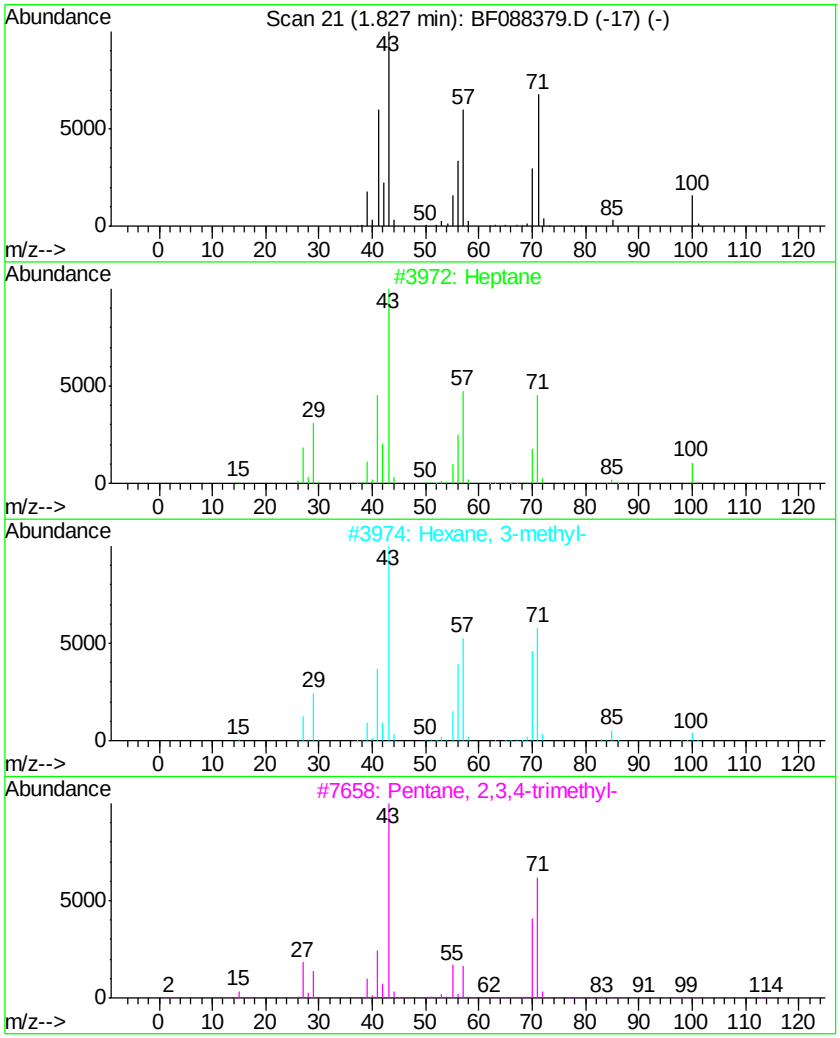
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

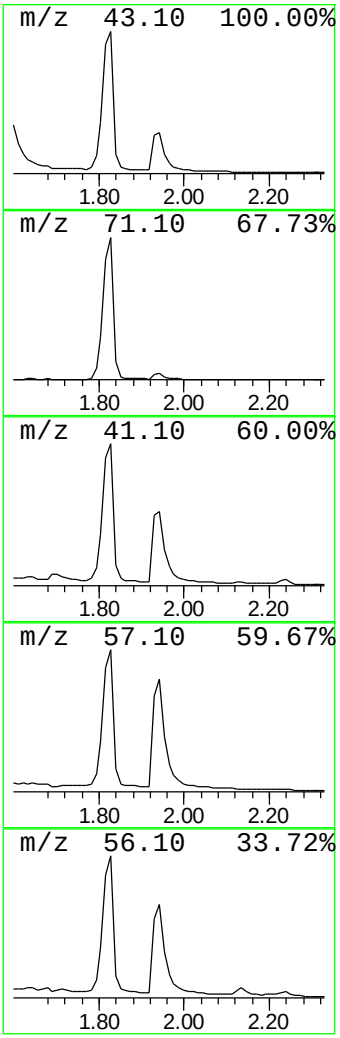
****

Peak Number 2 Heptane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.83	79.52 ng	1656020	1,4-Dichlorobenzene-d4	6.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	43
3	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	40
4	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	38
5	Oxirane, butyl-	100	C6H12O	001436-34-6	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088379.D
Acq On : 25 Jun 2016 16:16
Operator : UM/SJ
Sample : H3624-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SC-STA-1491(0-4)

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

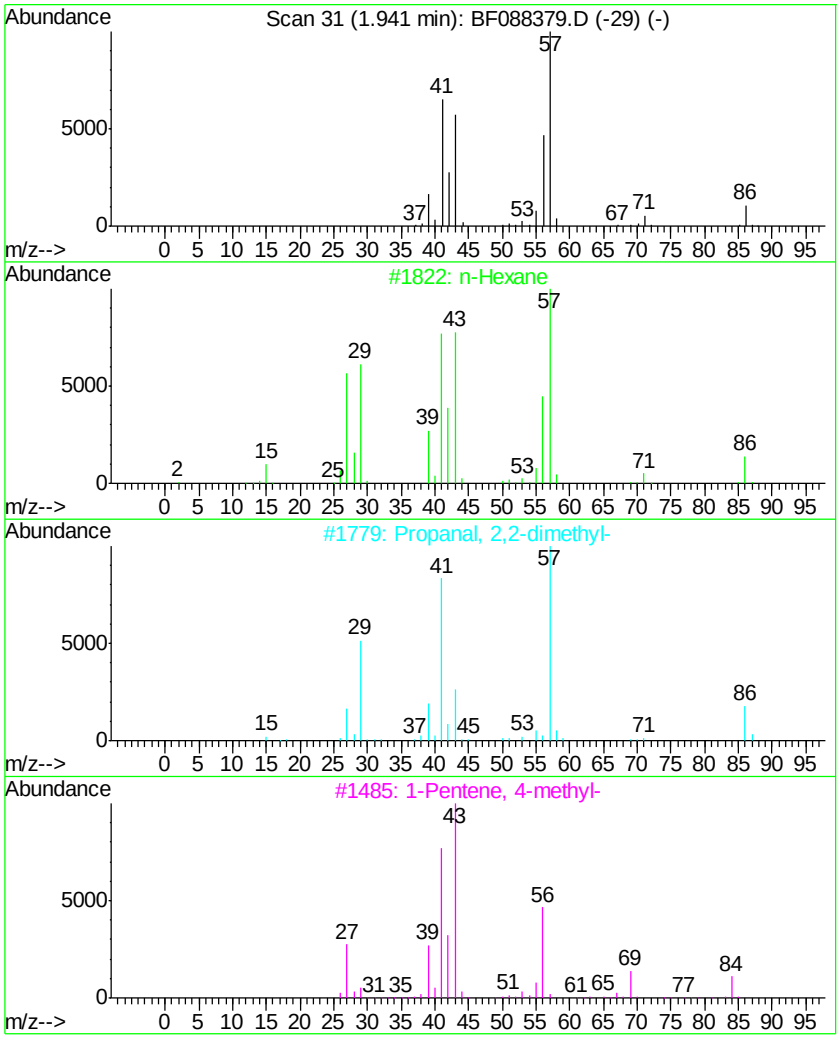
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

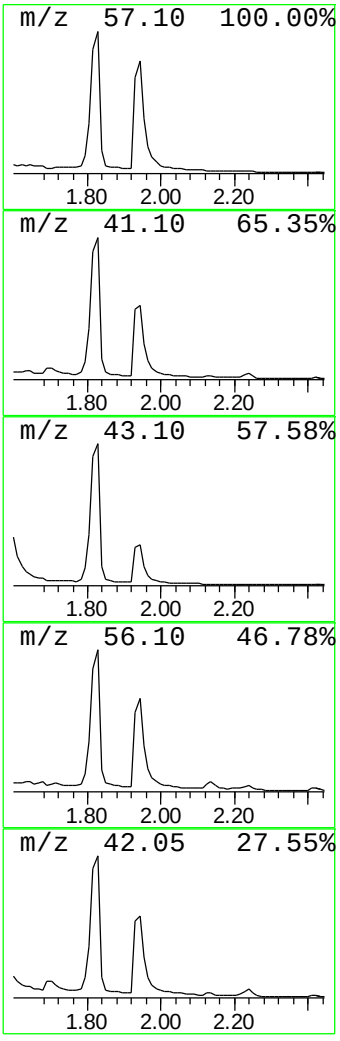
****

Peak Number 3 n-Hexane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.94	41.57 ng	865740	1,4-Dichlorobenzene-d4	6.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	91
2	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	43
3	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	38
4	Methane, isocyanato-	57	C2H3NO	000624-83-9	37
5	Butanal, 2-methyl-	86	C5H10O	000096-17-3	35





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Instrument : BNA_F
ClientSampleId : SC-STA-1491(0-4)

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

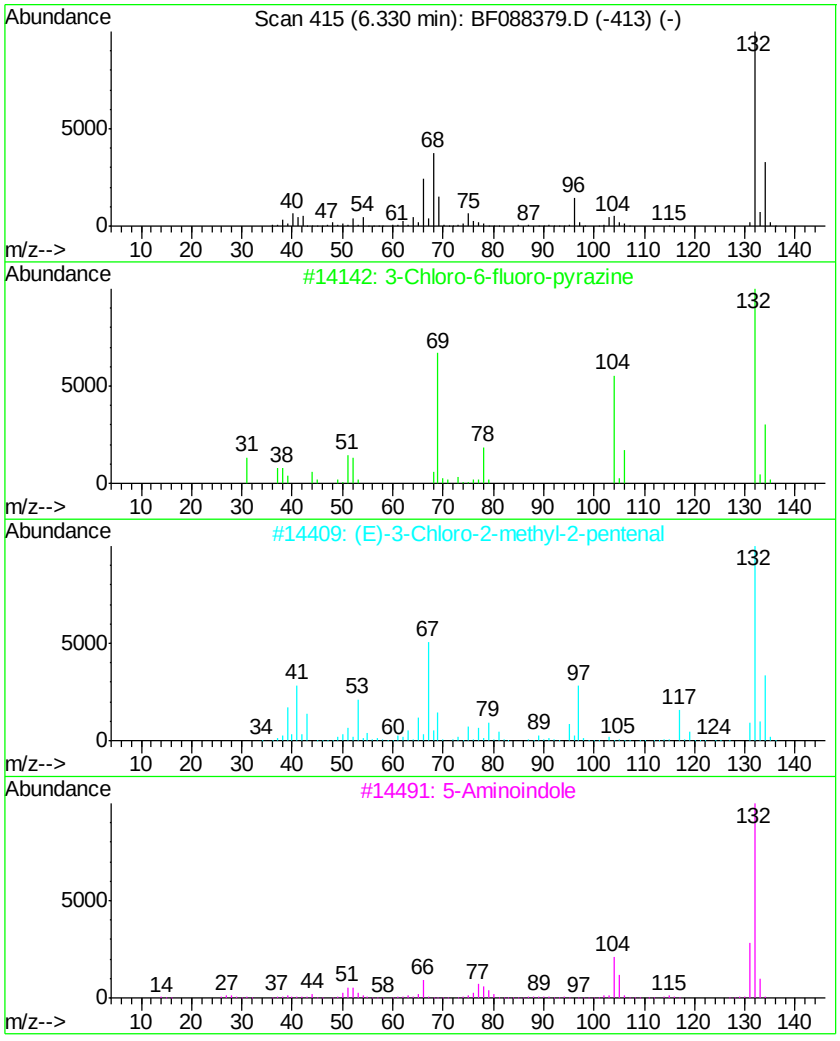
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

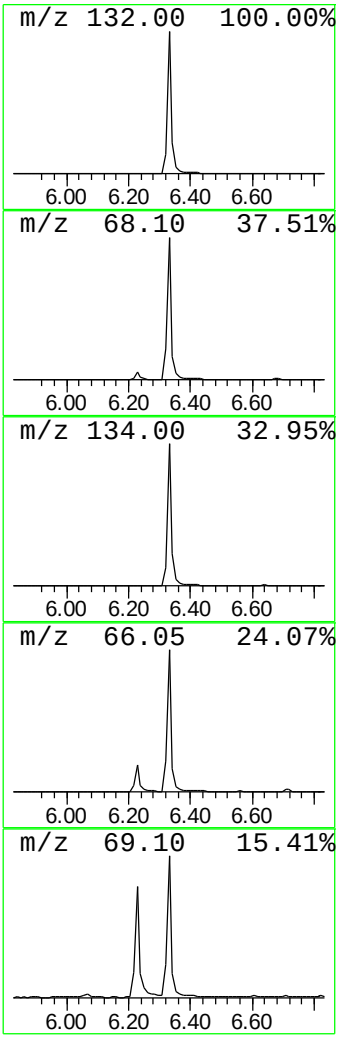
****

Peak Number 4 unknown6.33 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	64.87 ng	1350930	1,4-Dichlorobenzene-d4	6.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
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Operator : UM/SJ
Sample : H3624-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SC-STA-1491(0-4)

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

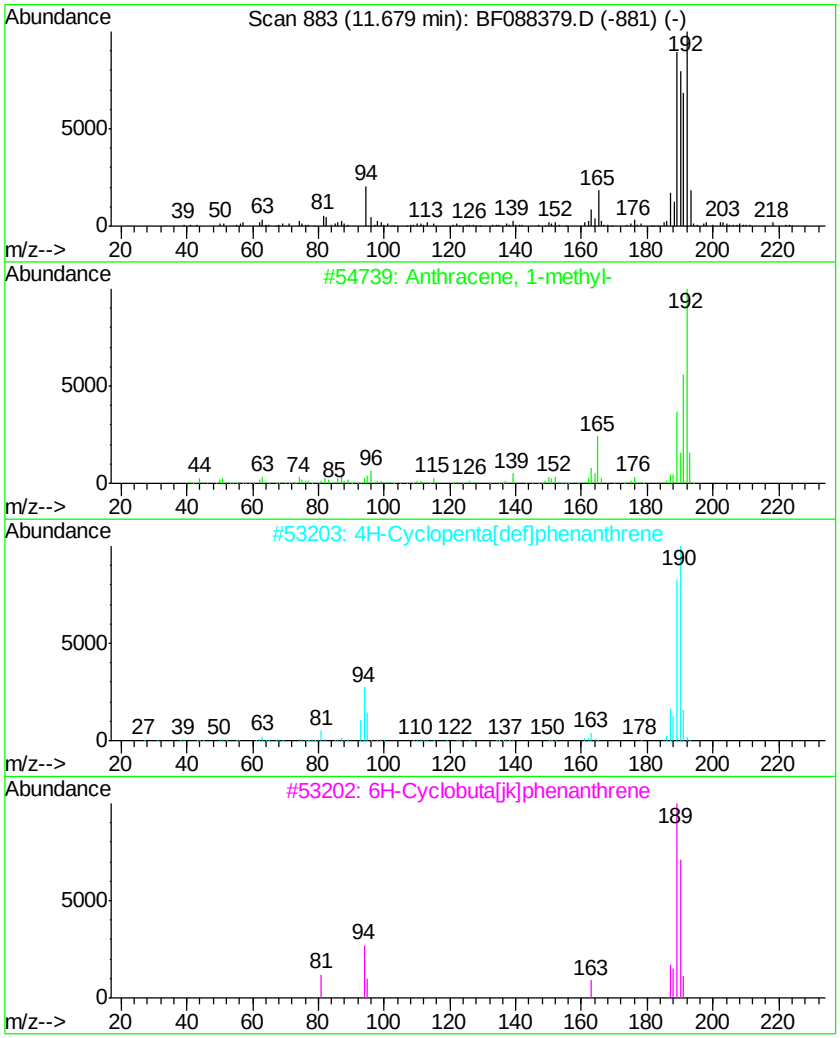
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

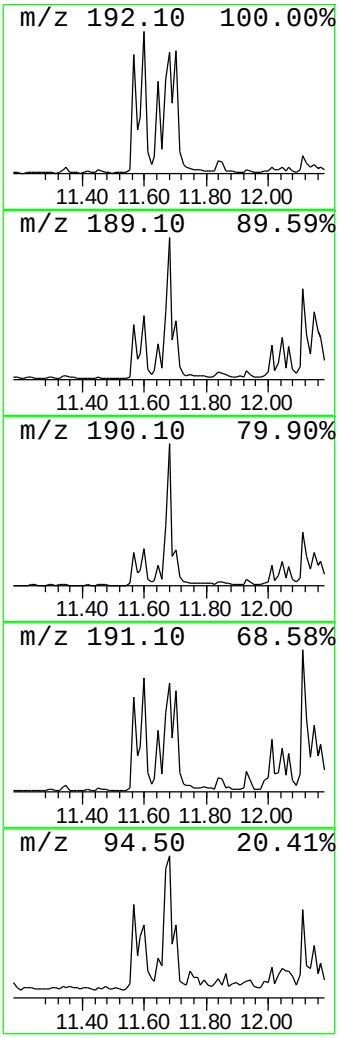
****

Peak Number 6 Anthracene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	13.13 ng	586662	Phenanthrene-d10	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	46





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Data File : BF088379.D
Acq On : 25 Jun 2016 16:16
Operator : UM/SJ
Sample : H3624-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SC-STA-1491(0-4)

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

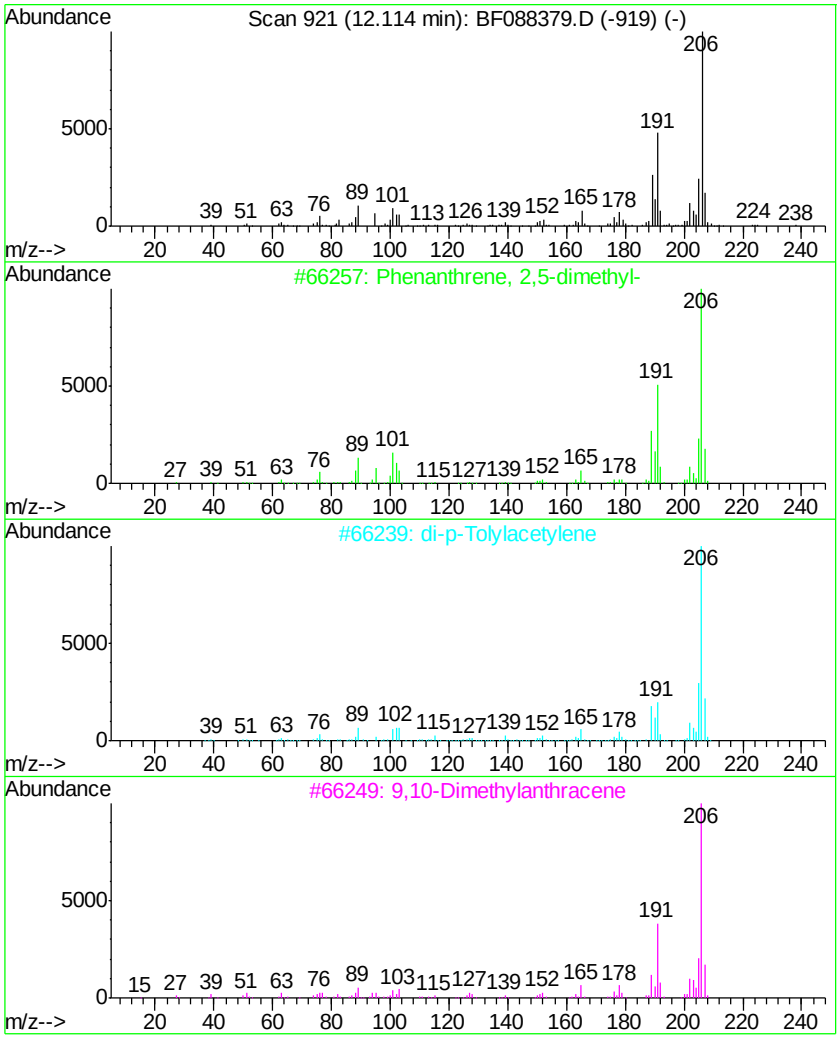
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

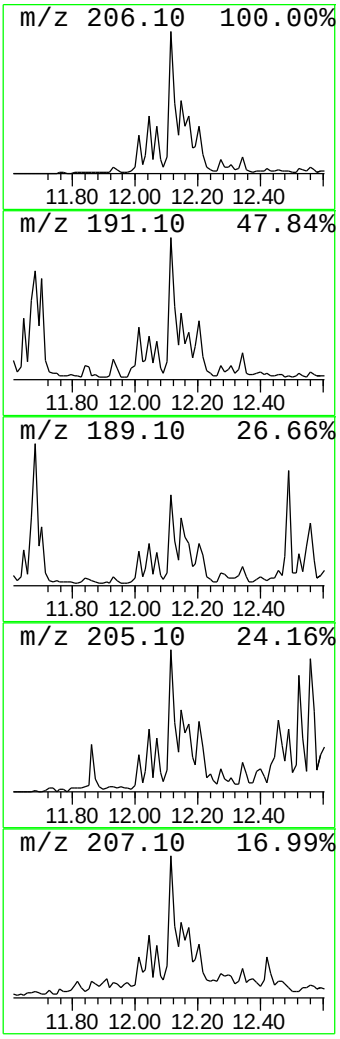
****

Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	10.91 ng	487256	Phenanthrene-d10	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	96
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088379.D
Acq On : 25 Jun 2016 16:16
Operator : UM/SJ
Sample : H3624-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SC-STA-1491(0-4)

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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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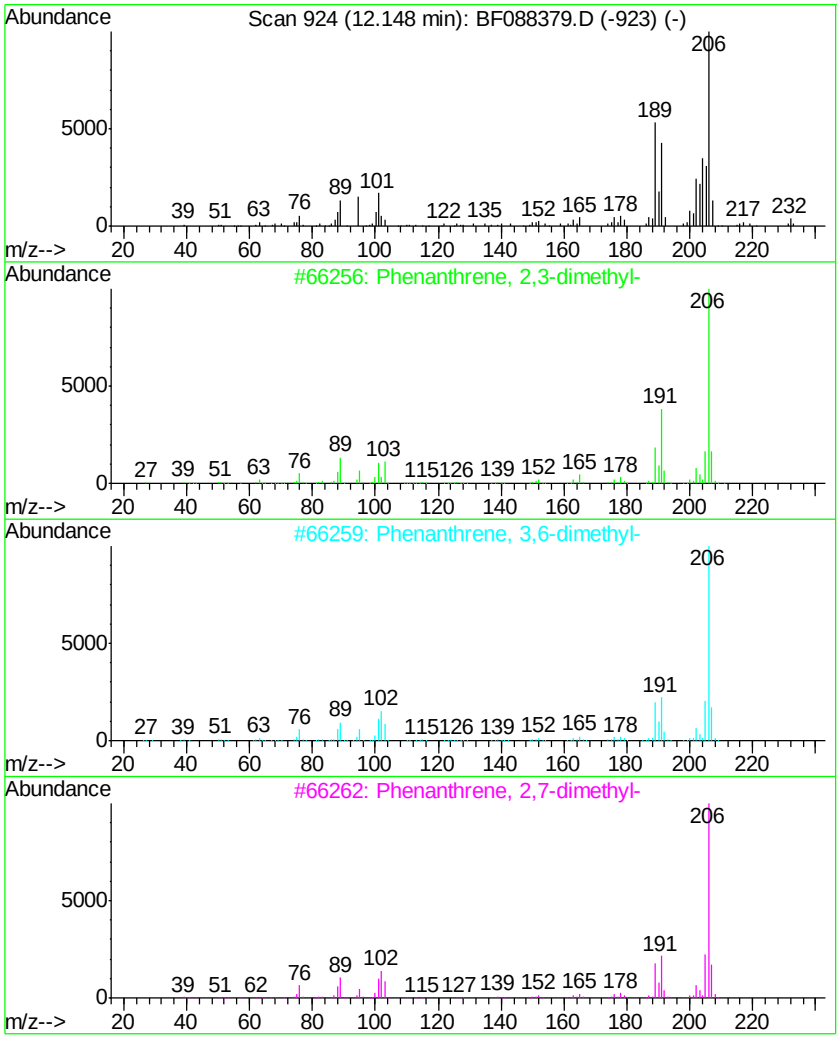
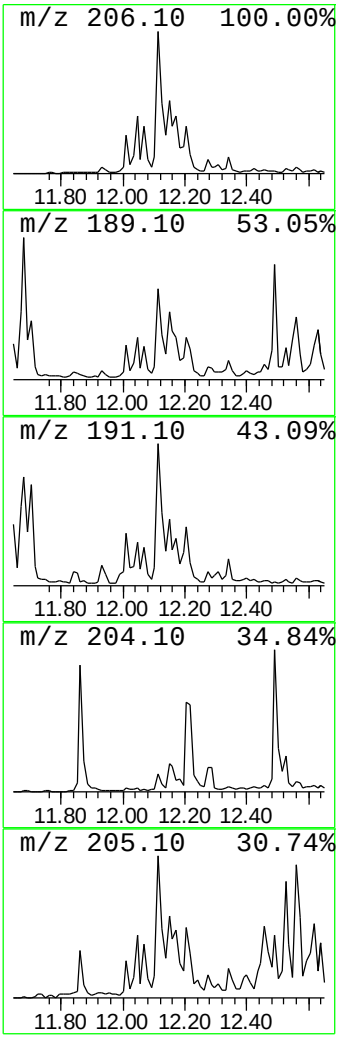
Peak Number 8 Phenanthrene, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	8.27 ng	369289	Phenanthrene-d10	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	60
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	58
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	58
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	53
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	52





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Operator : UM/SJ
Sample : H3624-11
Misc :
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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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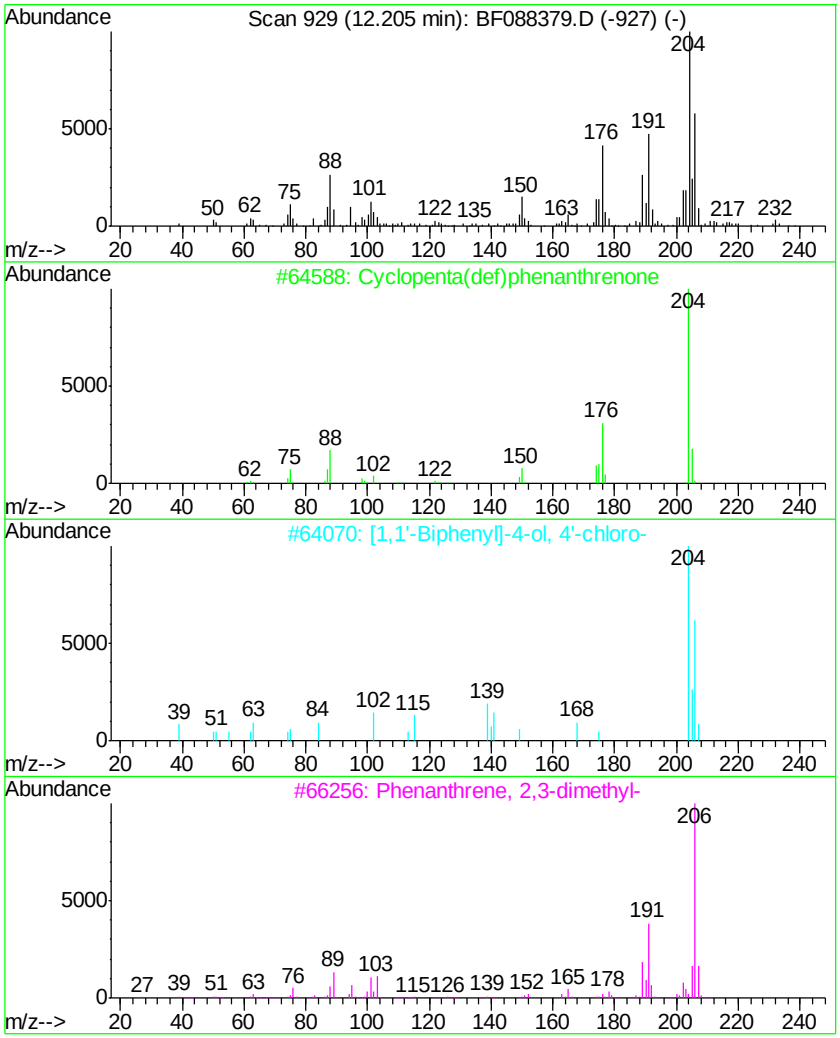
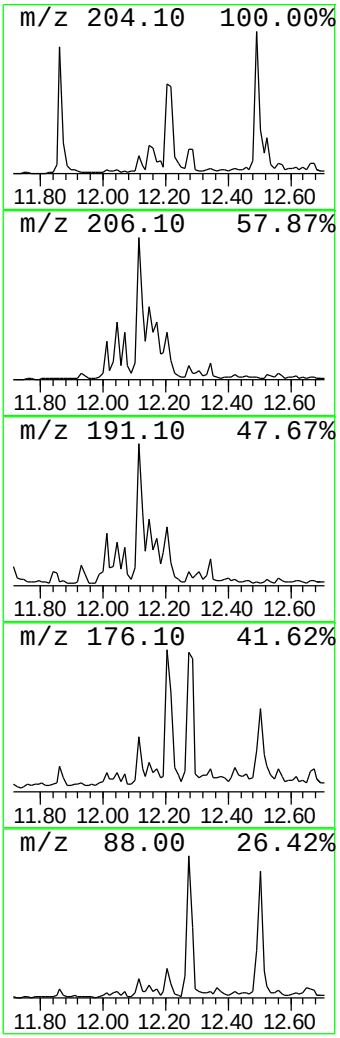
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	8.31 ng	371405	Phenanthrene-d10	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	89
2	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	42
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	42
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38





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ClientSampleId : SC-STA-1491(0-4)

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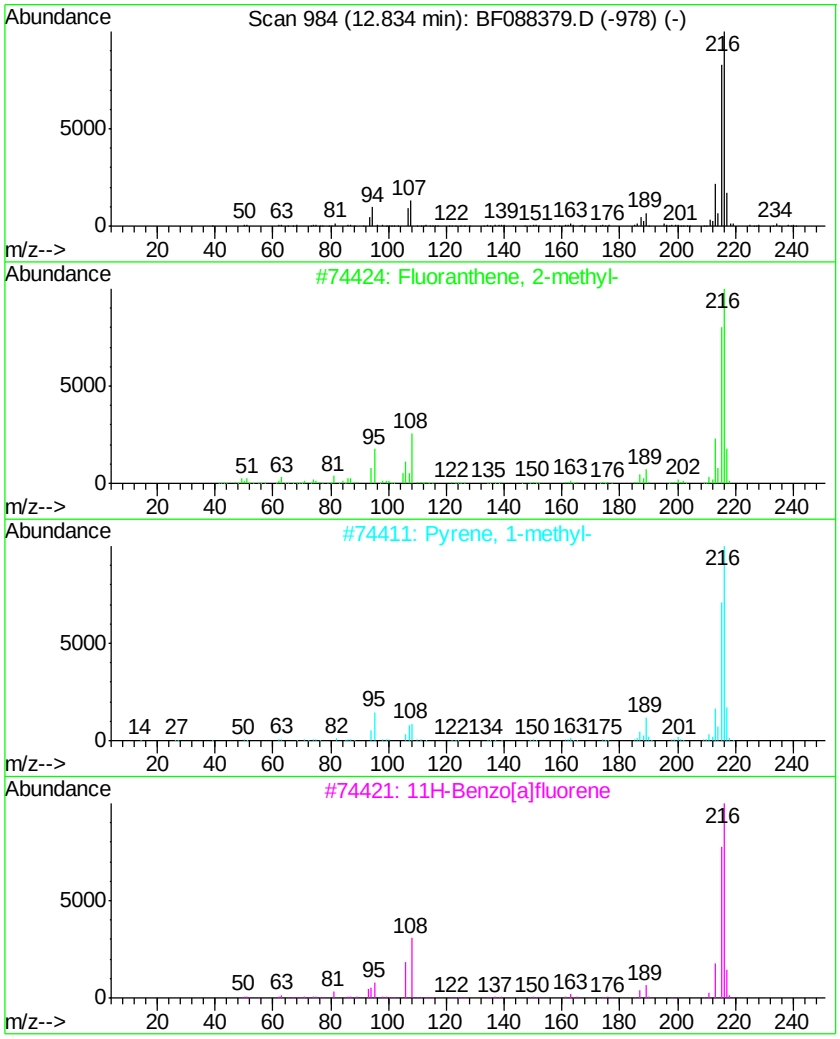
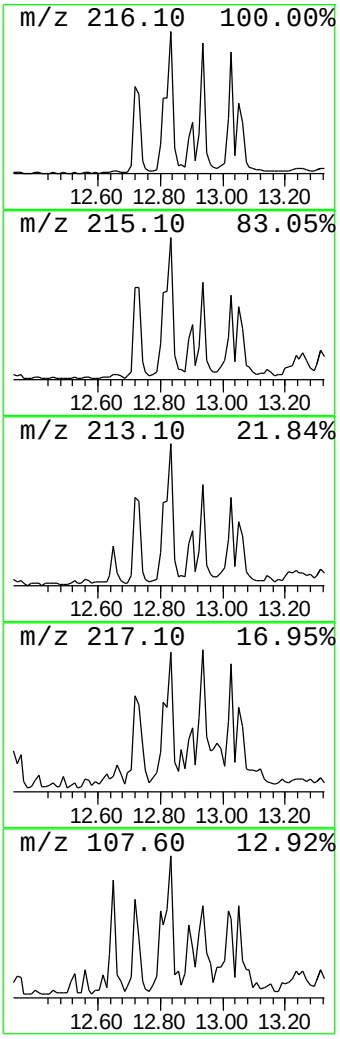
Peak Number 10 Fluoranthene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	7.43 ng	702910	Chrysene-d12	13.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87





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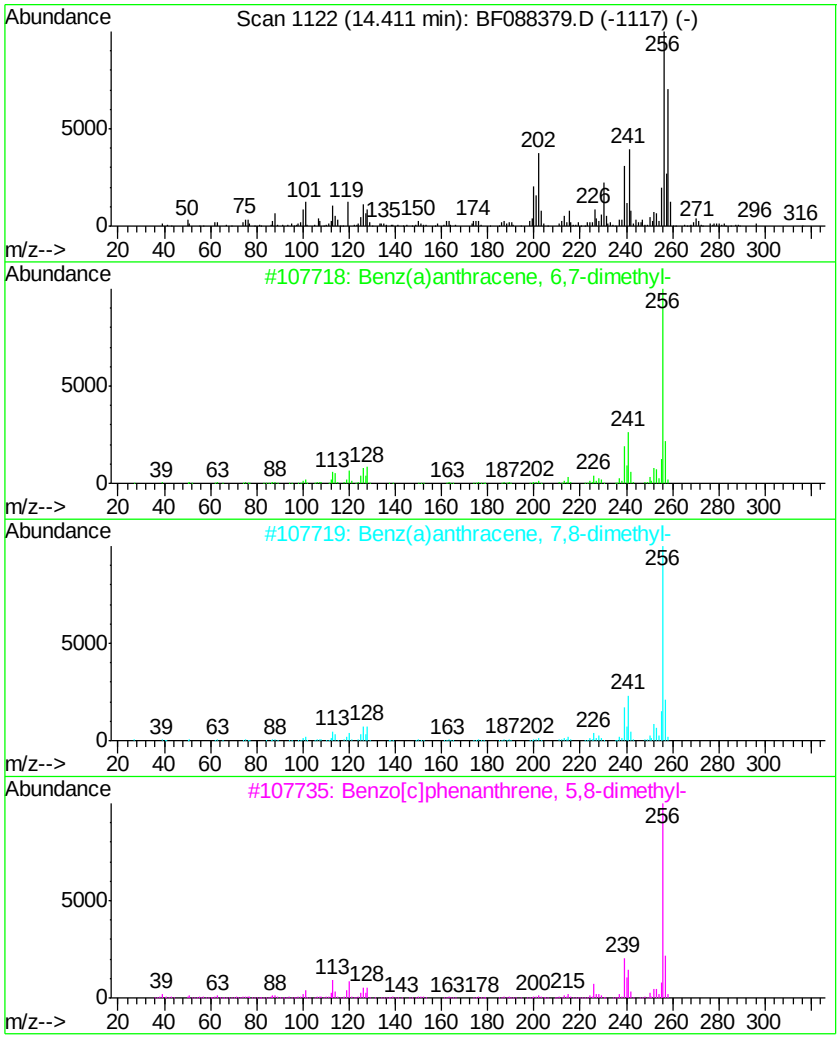
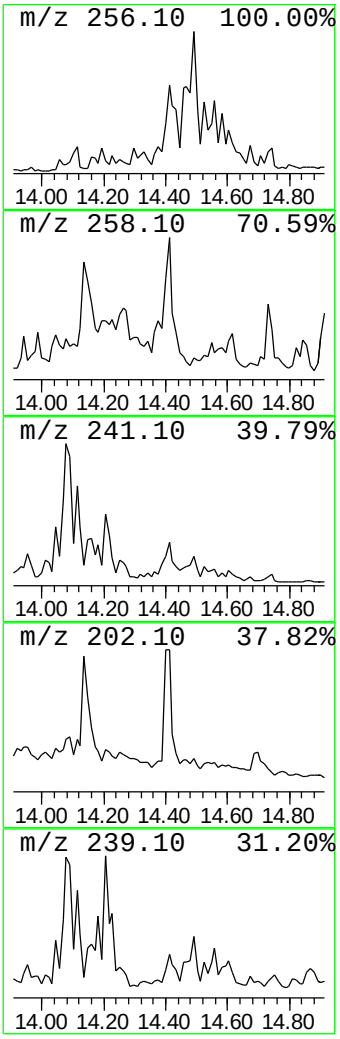
Peak Number 11 Benz(a)anthracene, 6,7-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	26.65 ng	361816	Perylene-d12	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene, 6,7-dimethyl-	256	C20H16	020627-28-5	95
2	Benz(a)anthracene, 7,8-dimethyl-	256	C20H16	000604-81-9	95
3	Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	95
4	Benz(a)anthracene, 4,7-dimethyl-	256	C20H16	035187-18-9	90
5	Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	89





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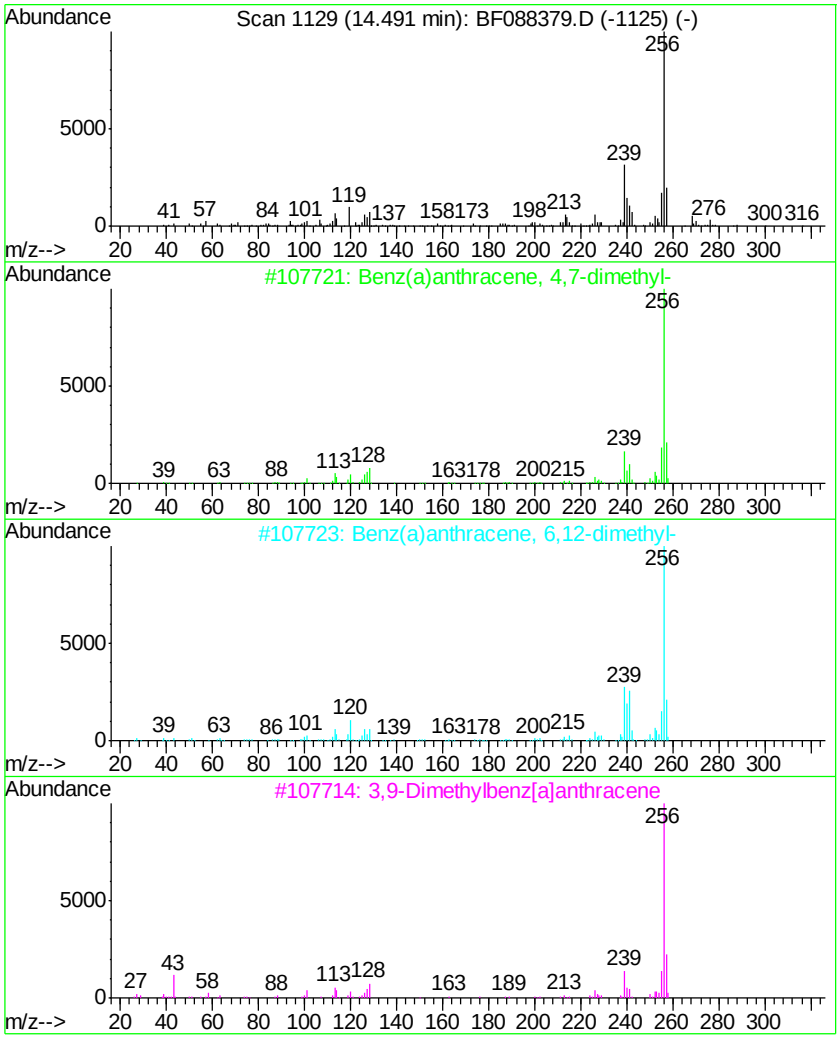
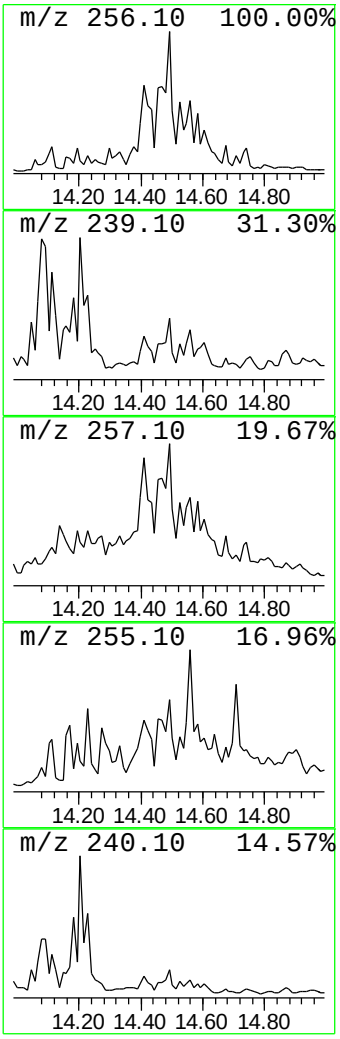
Peak Number 12 Benz(a)anthracene, 4,7-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	16.54 ng	224640	Perylene-d12	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene, 4,7-dimethyl-	256	C20H16	035187-18-9	96
2	Benz(a)anthracene, 6,12-dimethyl-	256	C20H16	000568-81-0	89
3	3,9-Dimethylbenz[a]anthracene	256	C20H16	000316-51-8	89
4	Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	81
5	4,12-Dimethylbenz[a]anthracene	256	C20H16	035187-19-0	76





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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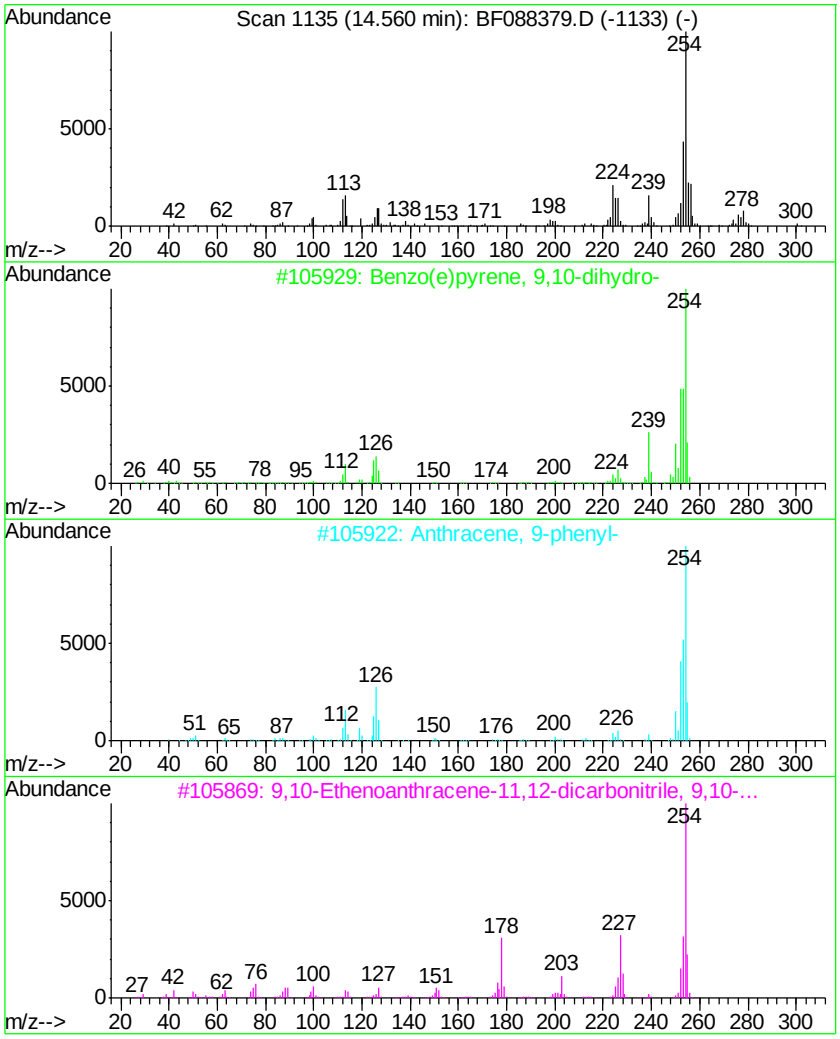
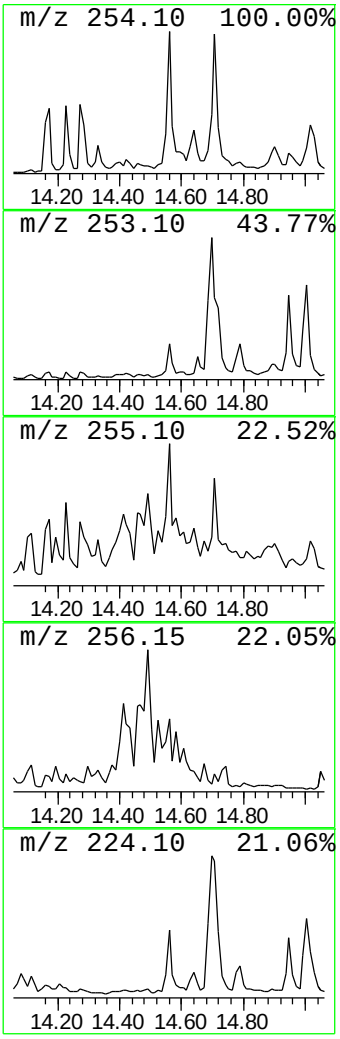
Peak Number 13 Benzo(e)pyrene, 9,10-dihydro- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	8.72 ng	118476	Perylene-d12	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(e)pyrene, 9,10-dihydro-	254	C20H14	066788-01-0	70
2	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	62
3	9,10-Ethenoanthracene-11,12-dica...	254	C18H10N2	019067-49-3	58
4	Benzenamine, 4,4'-methylenebis[N...	254	C17H22N2	000101-61-1	53
5	3-Phenylthio-2H-chromen-2-one	254	C15H10O2S	072167-95-4	47





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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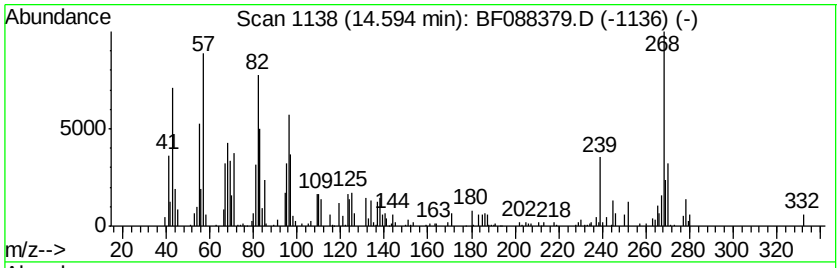
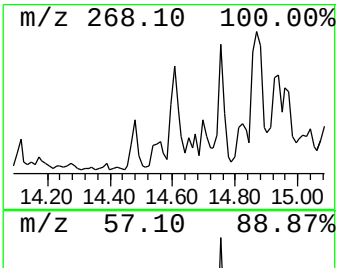
Peak Number 14 Bicyclo[10.8.0]eicosane, cis- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	7.29 ng	98947	Perylene-d12	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	91
2	16-Heptadecenal	252	C17H32O	1000144-57-9	83
3	14-Heptadecenal	252	C17H32O	1000144-58-0	80
4	1,19-Eicosadiene	278	C20H38	014811-95-1	64
5	3-Methylcholanthrene	268	C21H16	000056-49-5	47





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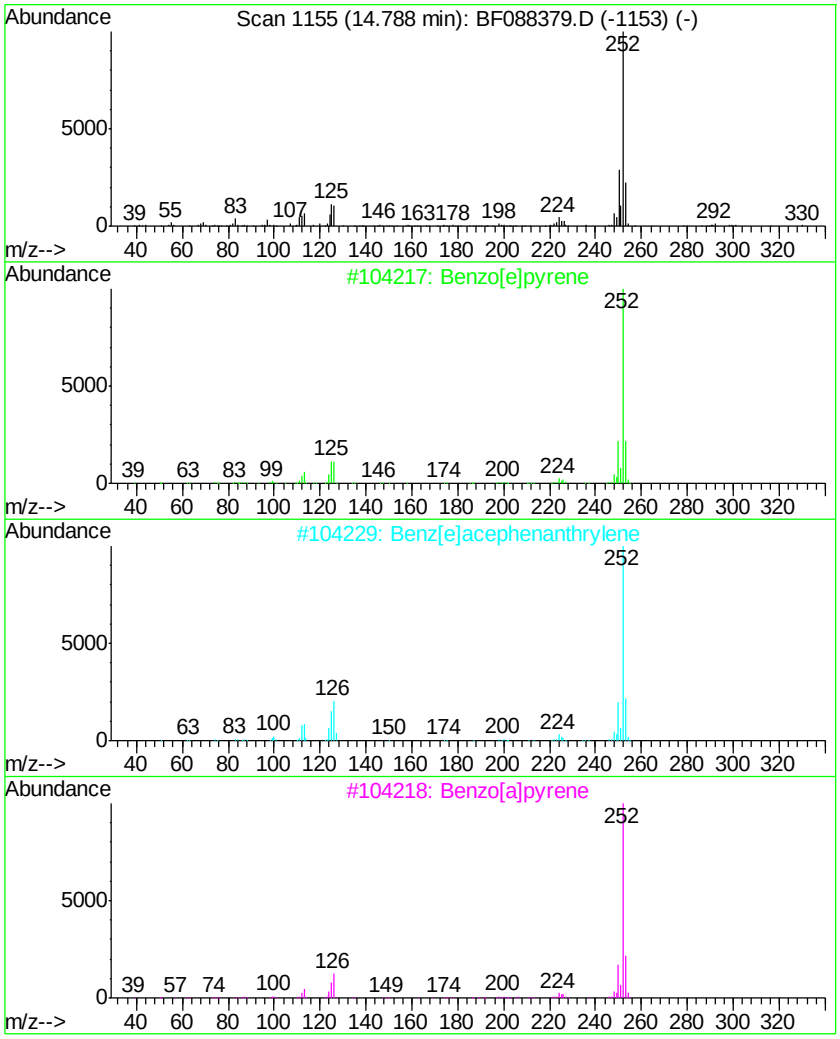
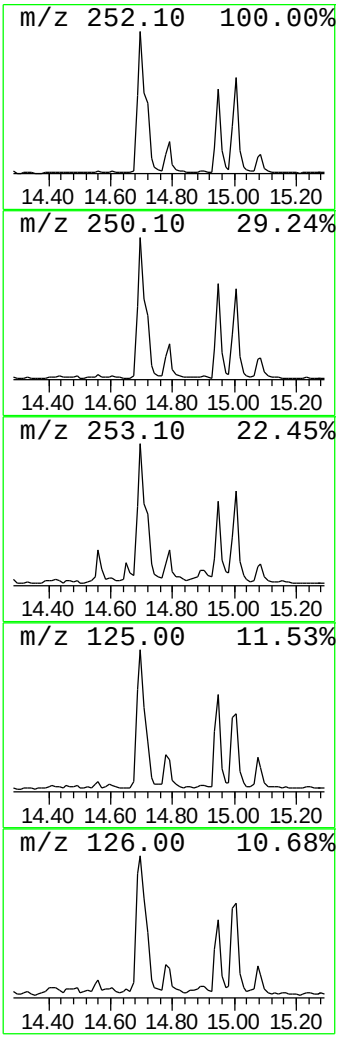
Peak Number 15 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	14.63 ng	198679	Perylene-d12	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5	Perylene	252	C20H12	000198-55-0	74





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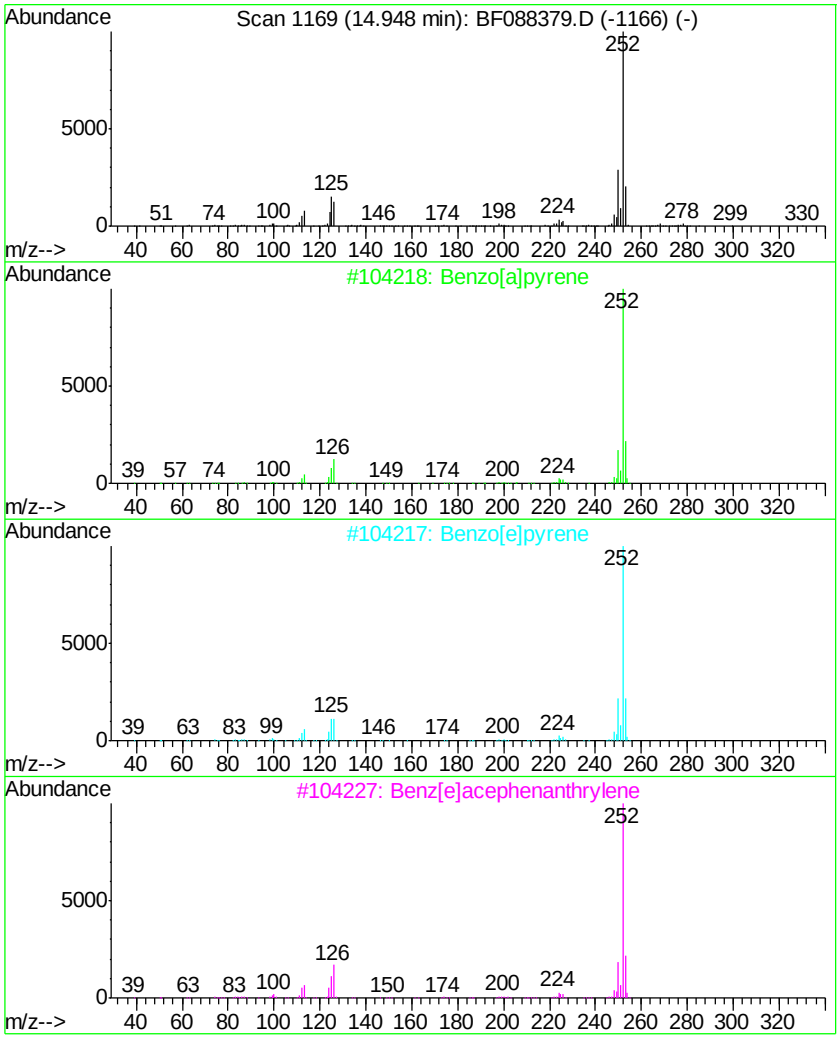
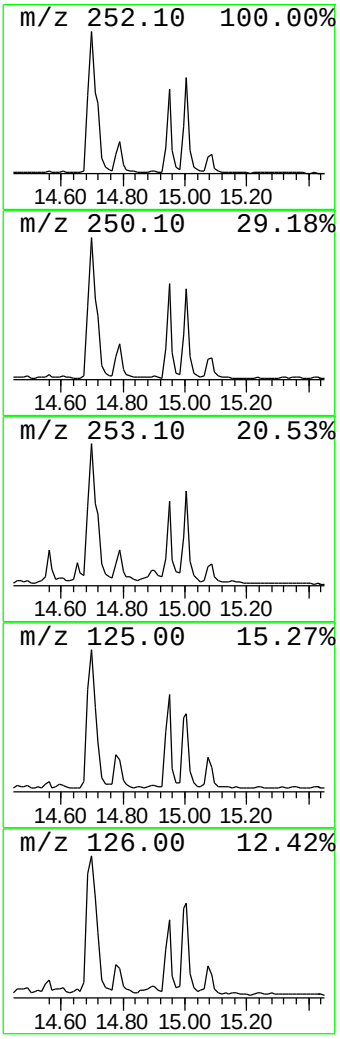
Peak Number 16 Benzo[a]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	34.68 ng	470876	Perylene-d12	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	94
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Perylene	252	C20H12	000198-55-0	90





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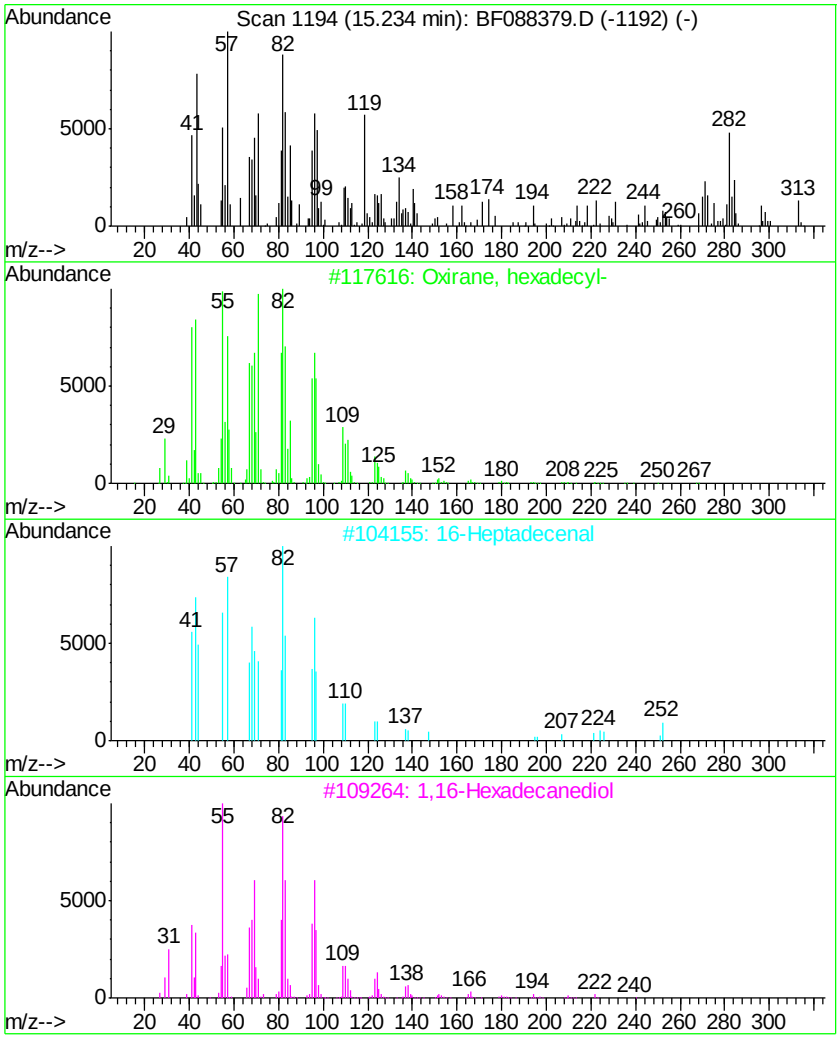
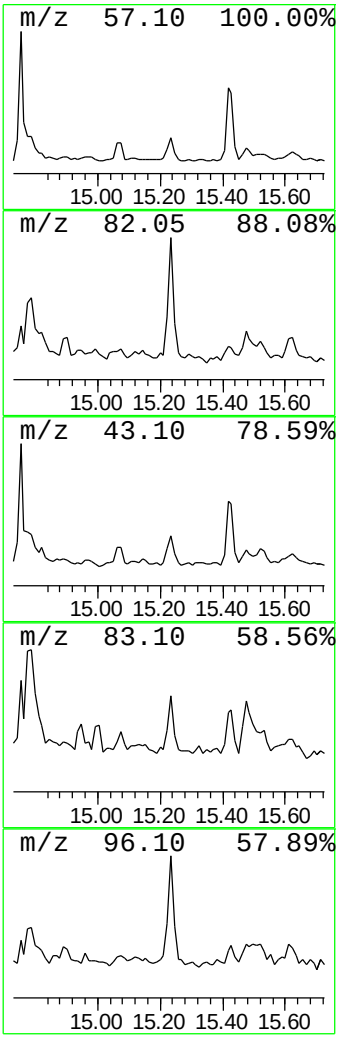
Peak Number 17 Oxirane, hexadecyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	10.21 ng	138704	Perylene-d12	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	53
2	16-Heptadecenal	252	C17H32O	1000144-57-9	50
3	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	50
4	Octadecanal	268	C18H36O	000638-66-4	49
5	1,19-Eicosadiene	278	C20H38	014811-95-1	49





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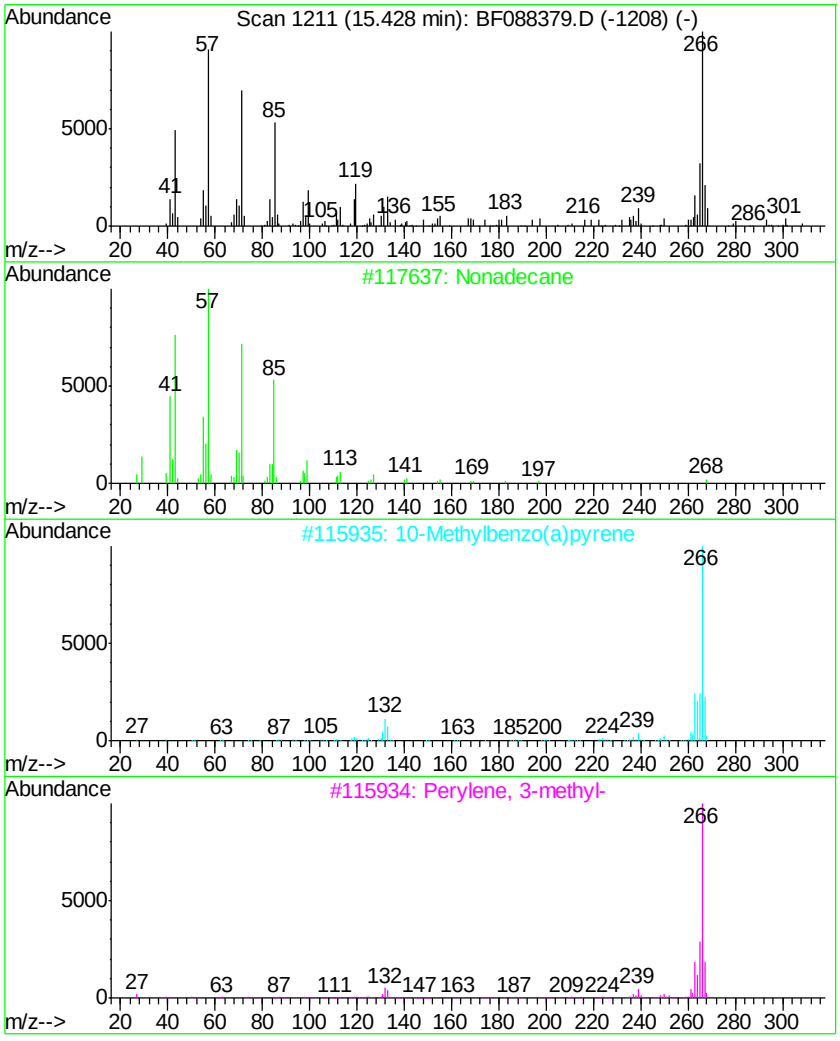
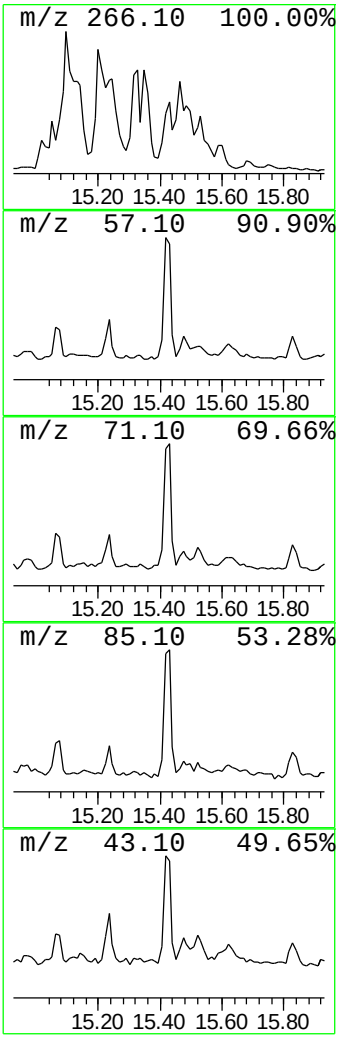
Peak Number 18 Nonadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	10.09 ng	137074	Perylene-d12	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	51
2	10-Methylbenzo(a)pyrene	266	C21H14	063104-32-5	43
3	Perylene, 3-methyl-	266	C21H14	024471-47-4	38
4	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	38
5	9,10-Anthracenedione, 1,4-bis(me...	266	C16H14N2O2	002475-44-7	38





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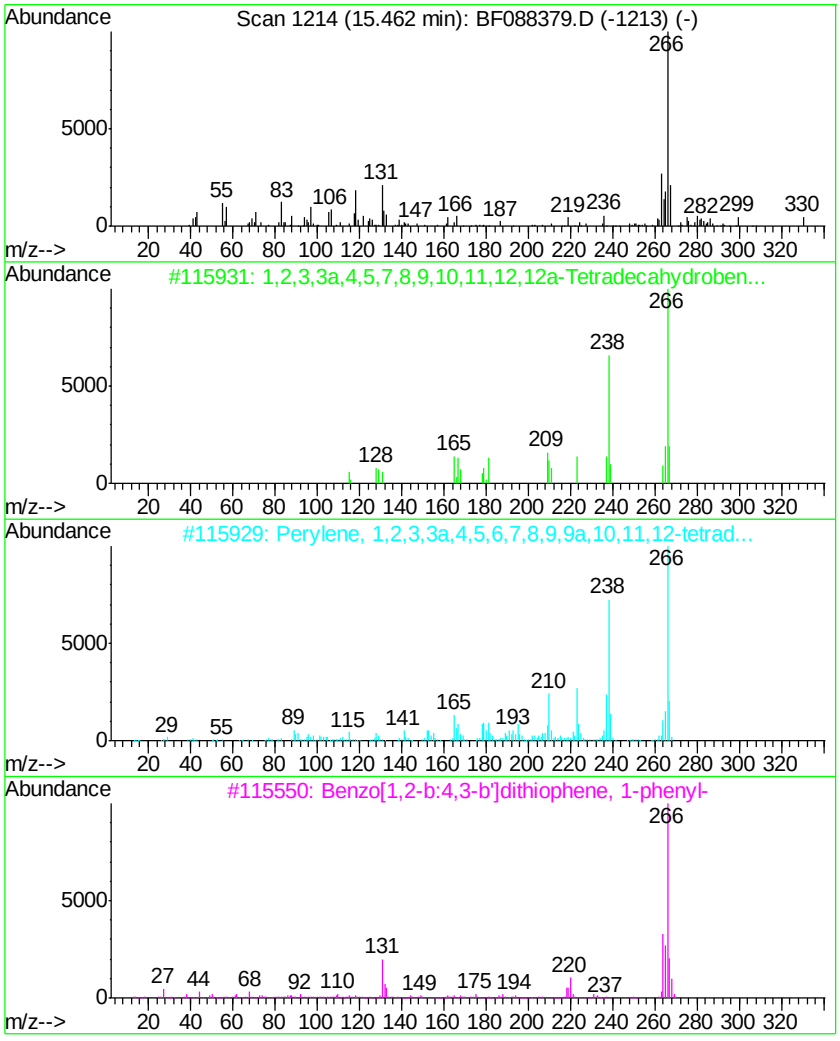
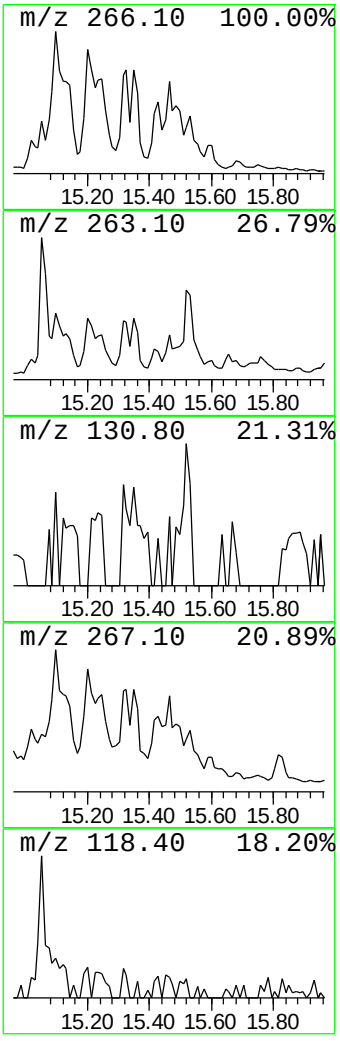
Peak Number 19 1,2,3,3a,4,5,7,8,9,10,11,12... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	7.41 ng	100586	Perylene-d12	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,3a,4,5,7,8,9,10,11,12,12a-...	266	C20H26	095676-40-7	53
2	Perylene, 1,2,3,3a,4,5,6,7,8,9,9...	266	C20H26	007594-86-7	50
3	Benzo[1,2-b:4,3-b']dithiophene, ...	266	C16H10S2	016587-58-9	50
4	9,10-Anthracenedione, 1,4-bis(am...	266	C16H14N2O2	077862-13-6	47
5	Perylene, 3-methyl-	266	C21H14	024471-47-4	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088379.D
Acq On : 25 Jun 2016 16:16
Operator : UM/SJ
Sample : H3624-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SC-STA-1491(0-4)

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

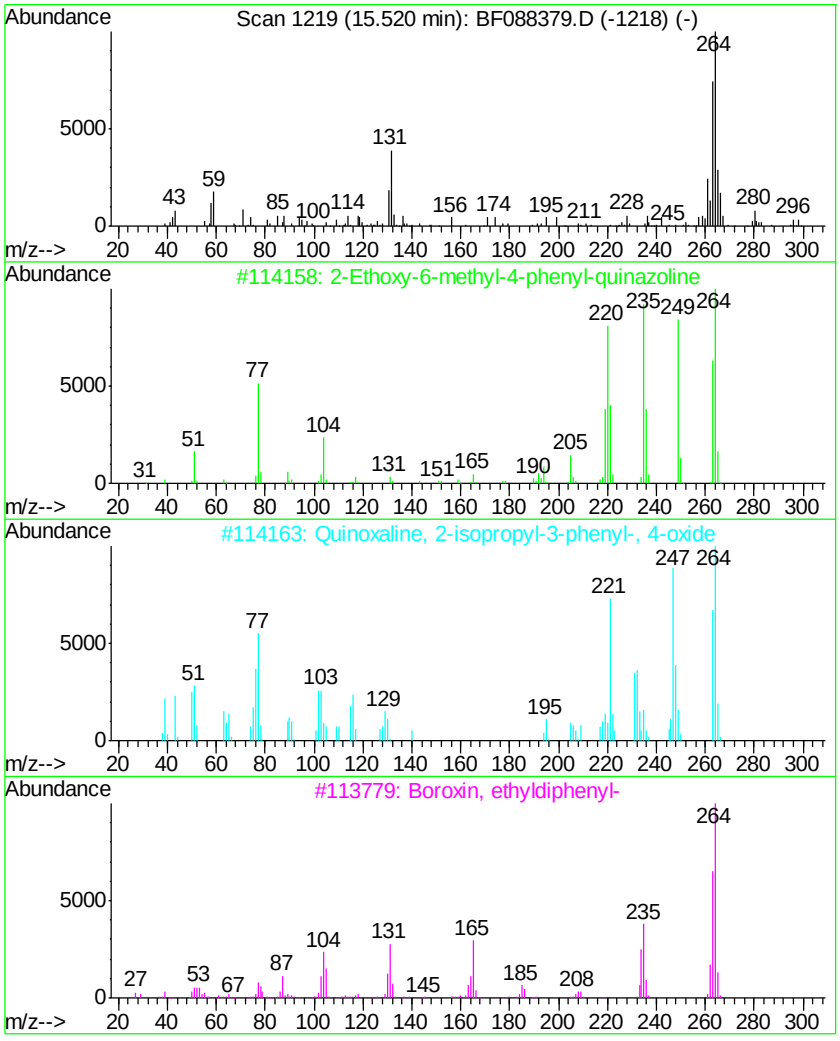
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

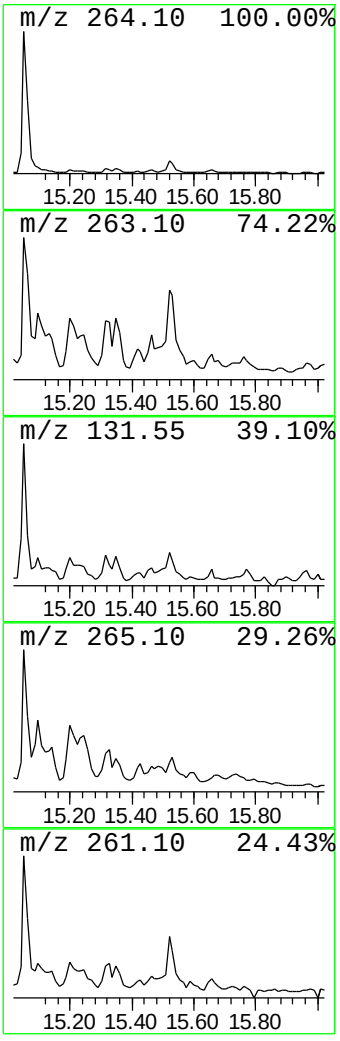
****

Peak Number 20 unknown15.52 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	8.16 ng	110791	Perylene-d12	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethoxy-6-methyl-4-phenyl-quina...	264	C17H16N2O	1000318-42-5	49
2	Quinoxaline, 2-isopropyl-3-pheny...	264	C17H16N2O	016007-79-7	47
3	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	42
4	Cyclohex-4-ene-1,2-dicarboxylic ...	392	C24H44N2O2	1000187-42-7	32
5	Acetamide, N-(2,5-dimethoxypheny...	263	C10H11Cl2NO3	1000307-30-2	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
Data File : BF088379.D
Acq On : 25 Jun 2016 16:16
Operator : UM/SJ
Sample : H3624-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SC-STA-1491(0-4)

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
Heptane	1.83	79.5	ng	1656020	1	6.56	416528	20.0
n-Hexane	1.94	41.6	ng	865740	1	6.56	416528	20.0
unknown6.33	6.33	64.9	ng	1350930	1	6.56	416528	20.0
Anthracene, 1-met...	11.68	13.1	ng	586662	4	11.07	893382	20.0
Phenanthrene, 2,5...	12.11	10.9	ng	487256	4	11.07	893382	20.0
Phenanthrene, 2,3...	12.15	8.3	ng	369289	4	11.07	893382	20.0
Cyclopenta(def)ph...	12.21	8.3	ng	371405	4	11.07	893382	20.0
Fluoranthene, 2-m...	12.83	7.4	ng	702910	5	13.70	1892140	20.0
Benz(a)anthracene...	14.41	26.6	ng	361816	6	15.05	271579	20.0
Benz(a)anthracene...	14.49	16.5	ng	224640	6	15.05	271579	20.0
Benzo(e)pyrene, 9...	14.56	8.7	ng	118476	6	15.05	271579	20.0
Bicyclo[10.8.0]ei...	14.59	7.3	ng	98947	6	15.05	271579	20.0
Benzo[e]pyrene	14.79	14.6	ng	198679	6	15.05	271579	20.0
Benzo[a]pyrene	14.95	34.7	ng	470876	6	15.05	271579	20.0
Oxirane, hexadecyl-	15.23	10.2	ng	138704	6	15.05	271579	20.0
Nonadecane	15.43	10.1	ng	137074	6	15.05	271579	20.0
1,2,3,3a,4,5,7,8,...	15.46	7.4	ng	100586	6	15.05	271579	20.0
unknown15.52	15.52	8.2	ng	110791	6	15.05	271579	20.0