LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
Data File : BF103386.D
Acq On : 3 Mar 2018 00:34
Operator : SJ/JU
Sample : J1724-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-10

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-BF022218.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	2.146	5	10	16	rBV	228152	303186	8.44%	0.943%
2	5.116	512	515	527	rVB	81781	110766	3.08%	0.345%
3	5.504	577	581	599	rVB	3091045	3338399	92.96%	10.385%
4	6.516	749	753	772	rBV2	2815048	3591125	100.00%	11.171%
5	6.651	772	776	781	rVV	3233672	3112639	86.68%	9.683%
6	6.698	781	784	790	rVB2	44363	48676	1.36%	0.151%
7	6.875	811	814	821	rBV	1025374	933836	26.00%	2.905%
8	7.034	837	841	850	rBV	2665441	2485115	69.20%	7.731%
9	7.445	906	911	921	rBV	2131457	2137175	59.51%	6.648%
10	8.163	1029	1033	1051	rVB	1193425	1274153	35.48%	3.964%
11	8.880	1151	1155	1161	rBV	48770	54922	1.53%	0.171%
12	9.233	1211	1215	1224	rBV	2991041	2874712	80.05%	8.943%
13	9.304	1224	1227	1230	rVV	97715	92895	2.59%	0.289%
14	9.504	1256	1261	1266	rBV4	21245	36776	1.02%	0.114%
15	9.575	1268	1273	1276	rVV3	31062	46158	1.29%	0.144%
16	9.627	1276	1282	1289	rVB	209568	269742	7.51%	0.839%
17	9.780	1304	1308	1313	rBV	60632	75048	2.09%	0.233%
18	9.833	1313	1317	1320	rVV	192554	150421	4.19%	0.468%
19	9.922	1328	1332	1335	rBV	982001	979629	27.28%	3.047%
20	9.951	1335	1337	1344	rVB	80838	94316	2.63%	0.293%
21	10.122	1363	1366	1369	rVV2	48984	61322	1.71%	0.191%
22	10.157	1369	1372	1376	rVB3	44814	54724	1.52%	0.170%
23	10.333	1395	1402	1405	rBV	227811	212117	5.91%	0.660%
24	10.469	1422	1425	1432	rVB2	43490	55420	1.54%	0.172%
25	10.551	1434	1439	1442	rBV2	67350	82591	2.30%	0.257%
26	10.716	1463	1467	1475	rBV	1265353	1387322	38.63%	4.316%
27	10.804	1480	1482	1493	rVB	174775	241487	6.72%	0.751%
28	11.257	1556	1559	1561	rBV	100501	90636	2.52%	0.282%
29	11.410	1582	1585	1588	rBV	838335	850185	23.67%	2.645%
30	11.433	1588	1589	1594	rVV	412159	348342	9.70%	1.084%
31	11.492	1595	1599	1603	rVB	107976	114149	3.18%	0.355%
32	11.921	1668	1672	1674	rBV2	100588	120314	3.35%	0.374%
33	11.945	1674	1676	1681	rVB2	80406	77826	2.17%	0.242%
34	11.992	1681	1684	1687	rVB	42237	38682	1.08%	0.120%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
Data File : BF103386.D
Acq On : 3 Mar 2018 00:34
Operator : SJ/JU
Sample : J1724-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-10

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-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.027	1687	1690	1693	rBV	110105	139253	3.88%	0.433%
36	12.092	1698	1701	1704	rBV2	45090	47178	1.31%	0.147%
37	12.210	1718	1721	1724	rBV	51028	46250	1.29%	0.144%
38	12.245	1725	1727	1731	rVB2	40065	46218	1.29%	0.144%
39	12.463	1761	1764	1769	rBV2	63743	93250	2.60%	0.290%
40	12.563	1777	1781	1783	rBV2	48913	64825	1.81%	0.202%
41	12.633	1789	1793	1796	rBV	835896	758784	21.13%	2.360%
42	12.863	1826	1832	1837	rBV	797361	910511	25.35%	2.832%
43	12.910	1838	1840	1845	rVB2	44876	52082	1.45%	0.162%
44	12.998	1850	1855	1858	rVV	1939467	1851978	51.57%	5.761%
45	13.027	1858	1860	1863	rVB	45877	43764	1.22%	0.136%
46	13.257	1896	1899	1901	rBV	61304	53998	1.50%	0.168%
47	13.386	1919	1921	1924	rBV	65673	64779	1.80%	0.202%
48	13.874	2001	2004	2008	rBV4	208752	262403	7.31%	0.816%
49	14.062	2032	2036	2039	rBV2	758824	1010313	28.13%	3.143%
50	14.092	2039	2041	2045	rVB	338667	275283	7.67%	0.856%
51	15.133	2215	2218	2220	rBV	168043	207792	5.79%	0.646%
52	15.509	2280	2282	2286	rVB	167841	170998	4.76%	0.532%
53	15.574	2290	2293	2296	rVB2	256559	301542	8.40%	0.938%

Sum of corrected areas: 32146007

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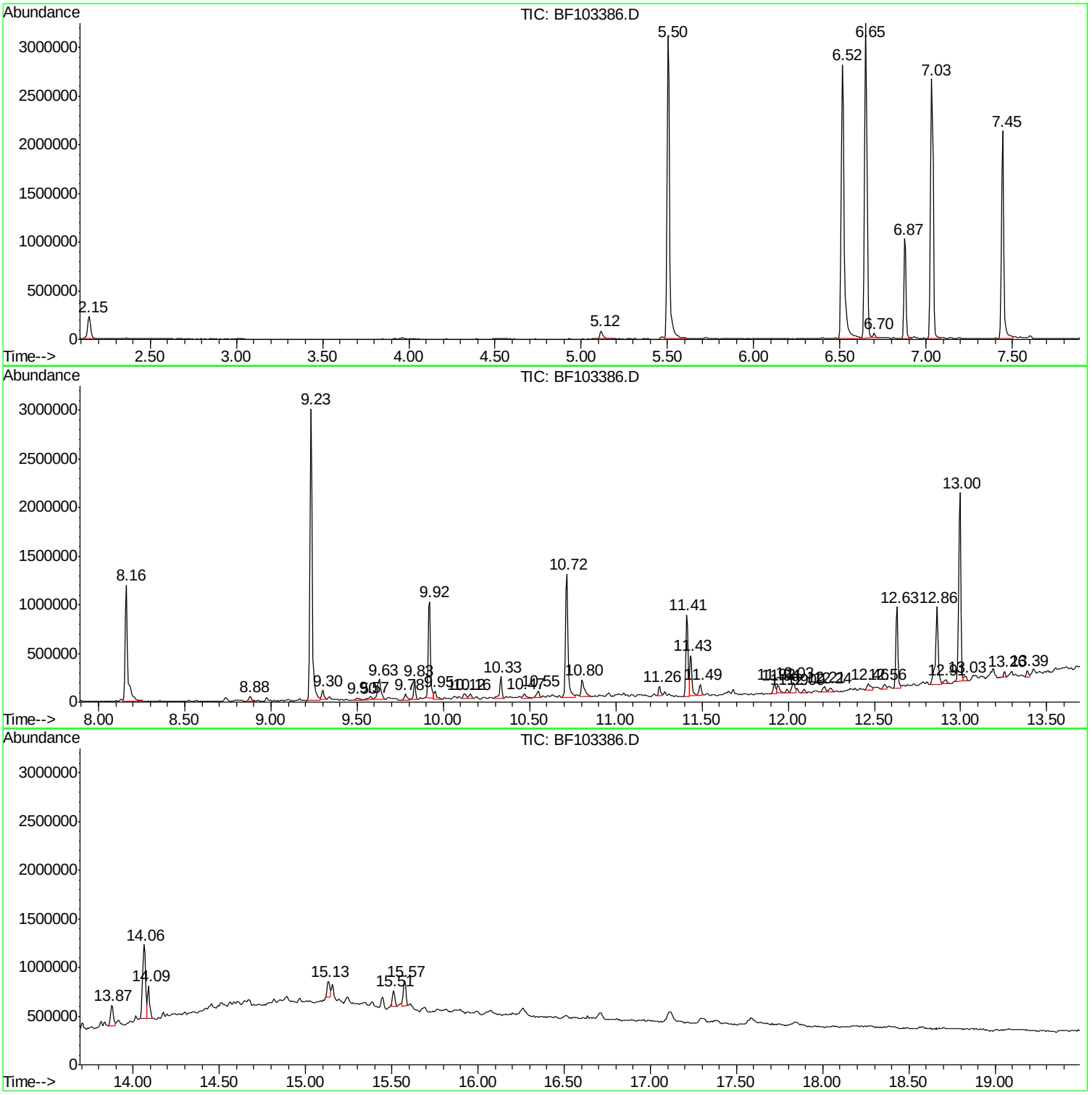
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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\BF030218\
Data File : BF103386.D
Acq On : 3 Mar 2018 00:34
Operator : SJ/JU
Sample : J1724-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

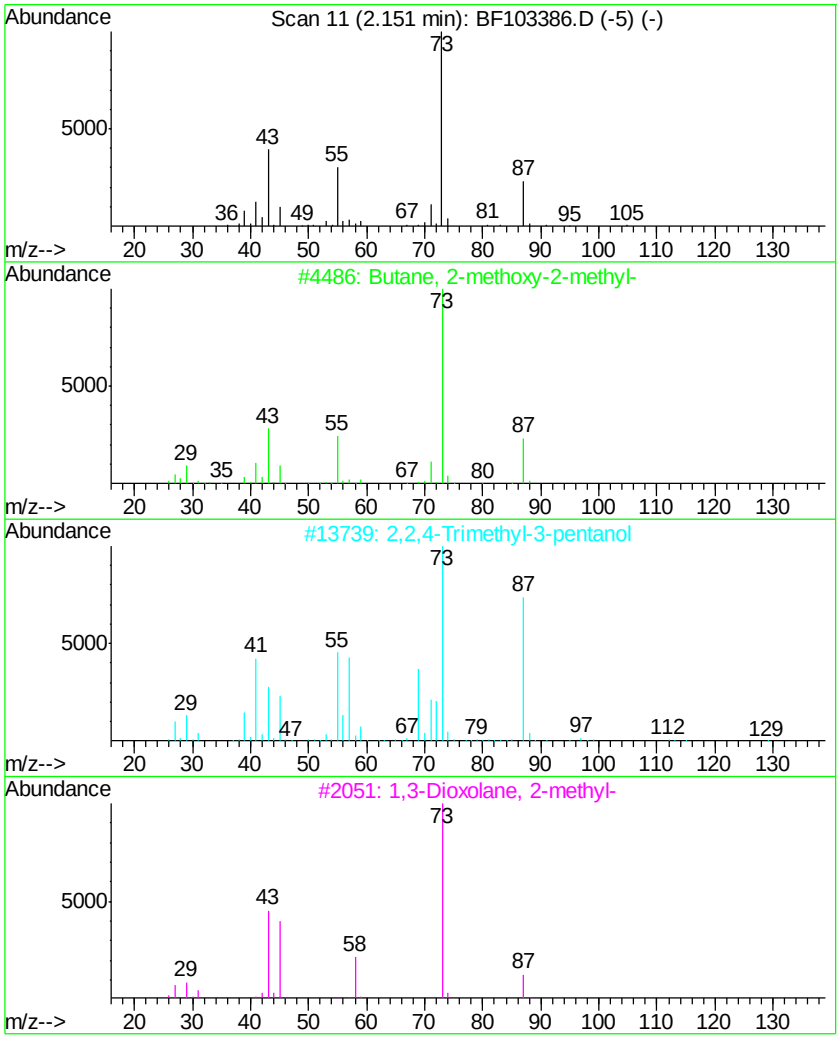
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

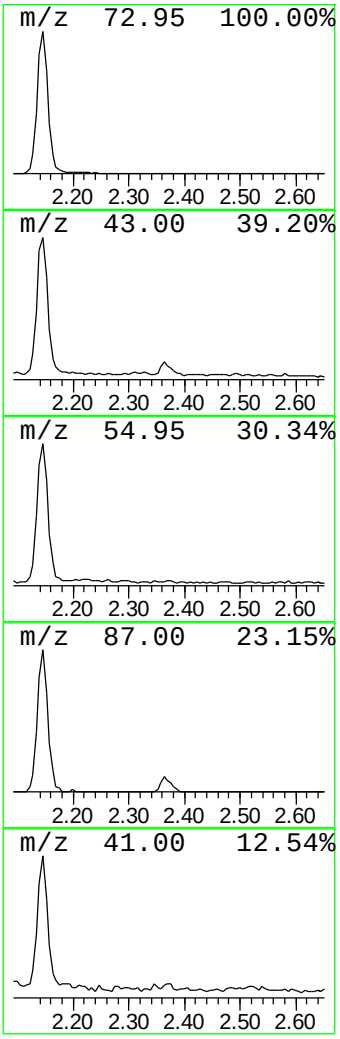
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	6.49 ng	303186	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	38
4	Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	38
5	2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	33





Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
Data File : BF103386.D
Acq On : 3 Mar 2018 00:34
Operator : SJ/JU
Sample : J1724-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

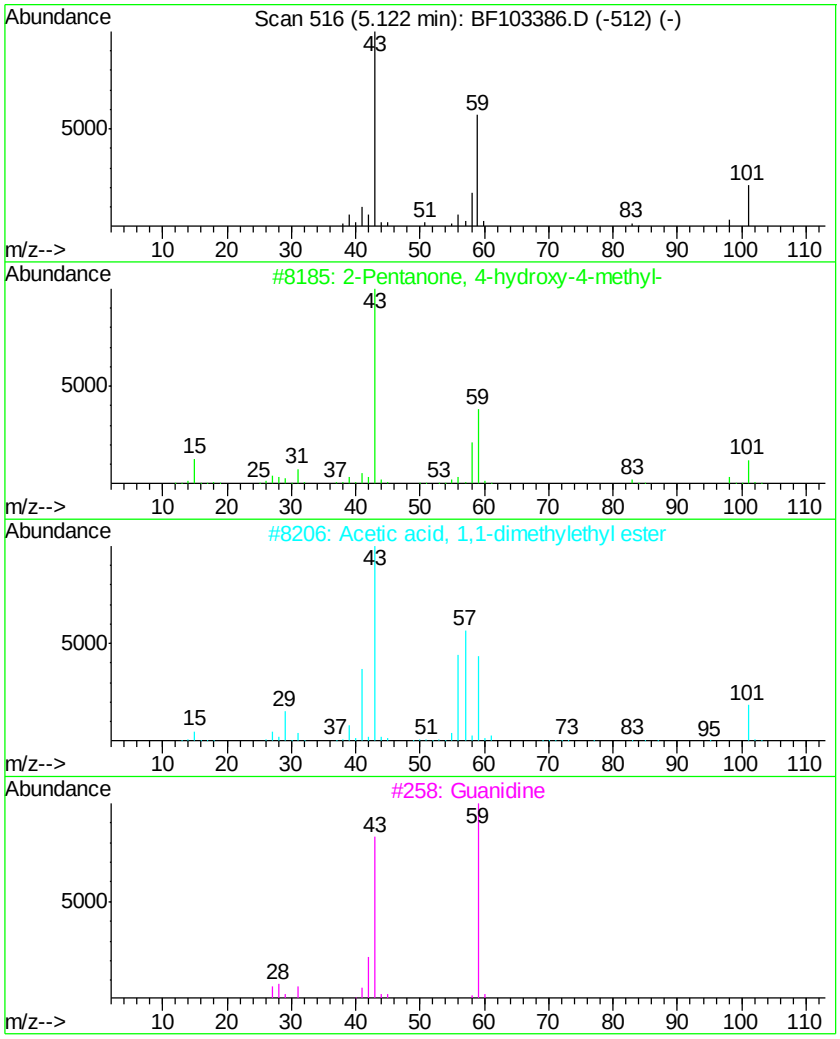
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

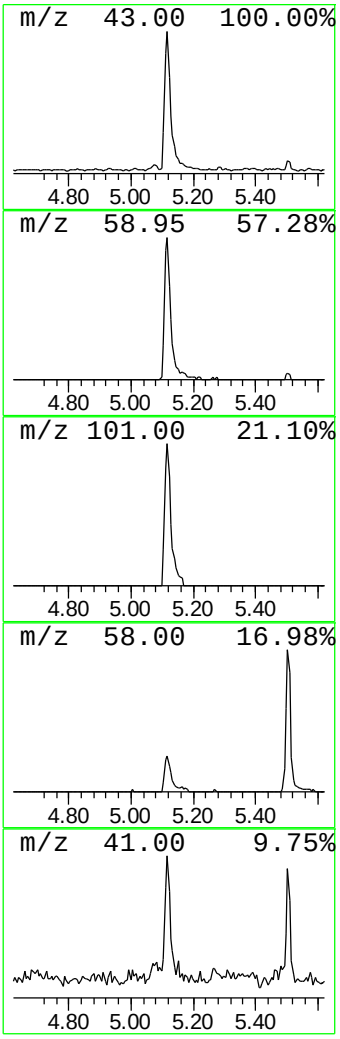
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	2.37 ng	110766	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	Guanidine	59	CH5N3	000113-00-8	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
Data File : BF103386.D
Acq On : 3 Mar 2018 00:34
Operator : SJ/JU
Sample : J1724-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

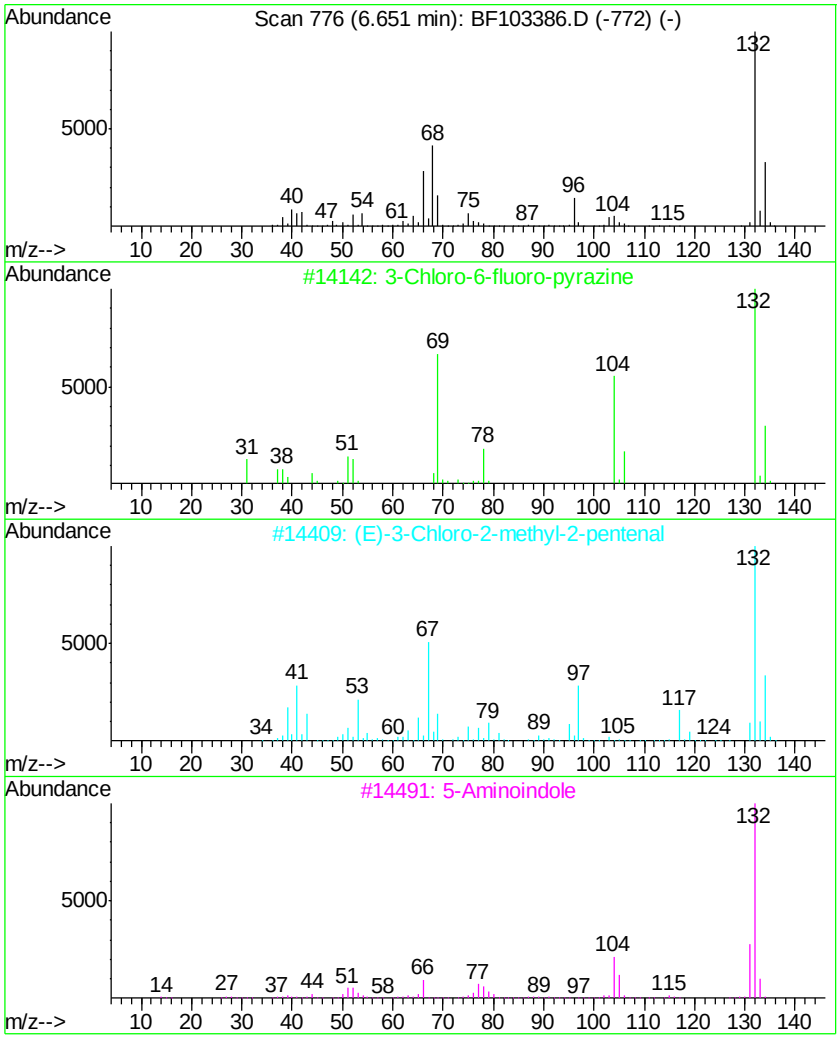
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

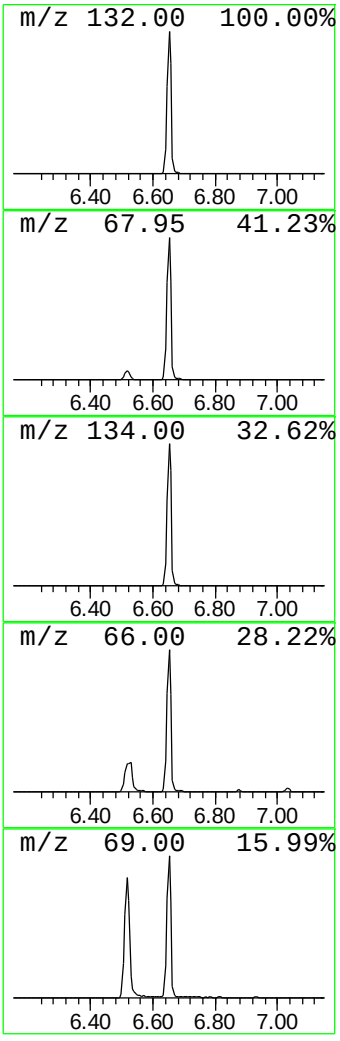
****

Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	66.66 ng	3112640	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Sample : J1724-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

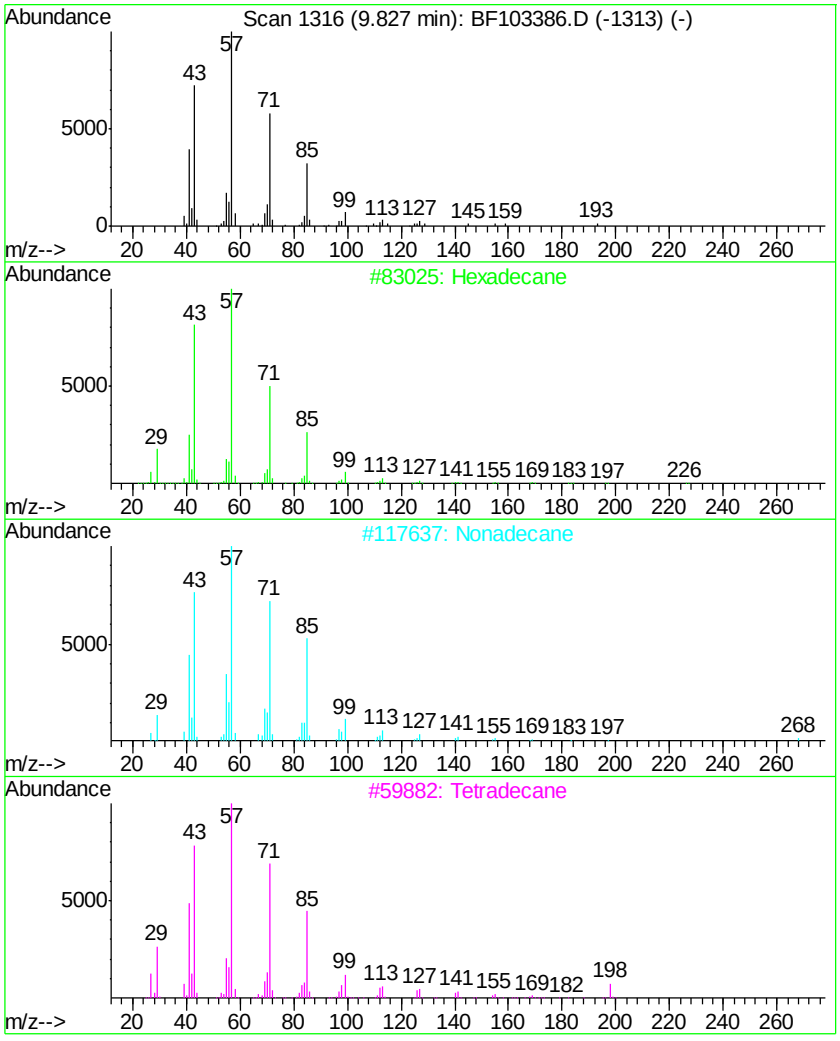
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

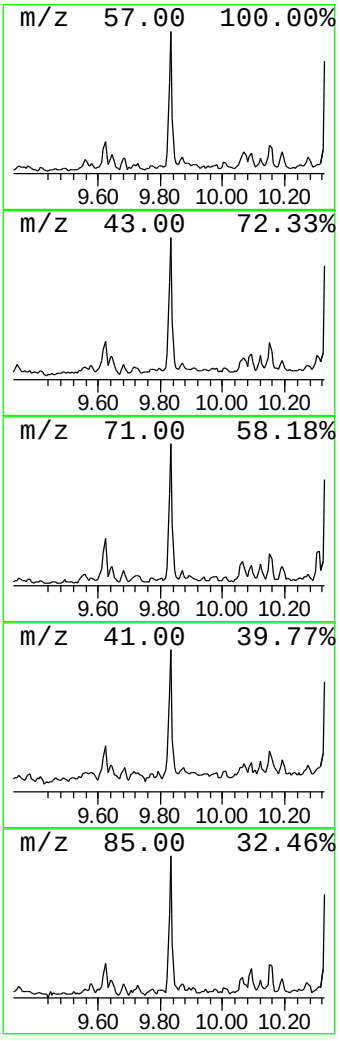
****

Peak Number 5 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	3.07 ng	150421	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Nonadecane	268	C19H40	000629-92-5	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
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Operator : SJ/JU
Sample : J1724-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

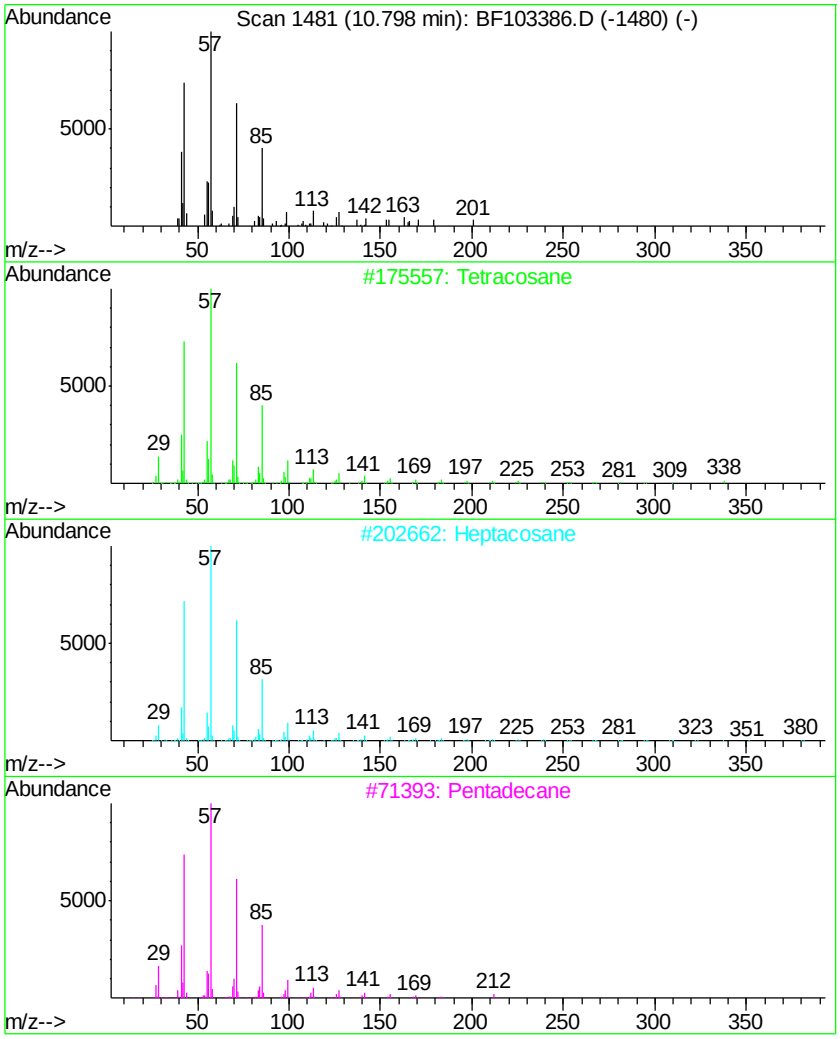
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

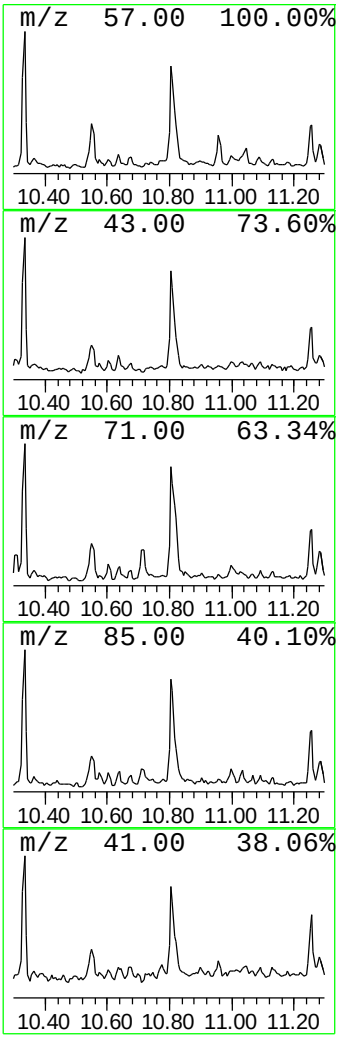
****

Peak Number 7 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	5.68 ng	241487	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Heptacosane	380	C27H56	000593-49-7	90
3	Pentadecane	212	C15H32	000629-62-9	83
4	Hexadecane	226	C16H34	000544-76-3	83
5	Eicosane	282	C20H42	000112-95-8	80





Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
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Operator : SJ/JU
Sample : J1724-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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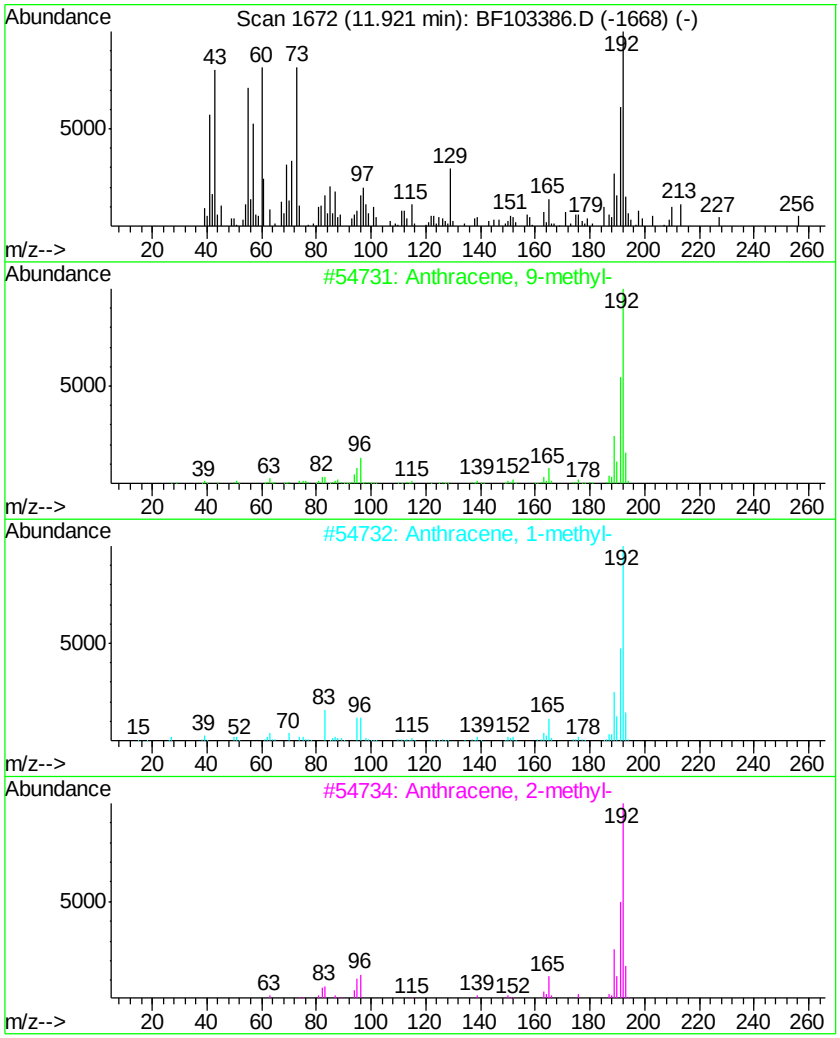
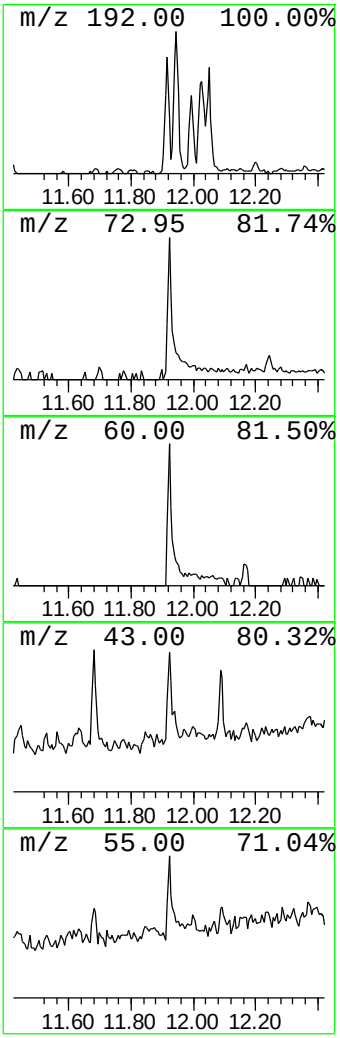
Peak Number 9 Anthracene, 9-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	2.83 ng	120314	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	78
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	52
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	50
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	38





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Misc :
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Instrument : BNA_F
ClientSampleId : SP-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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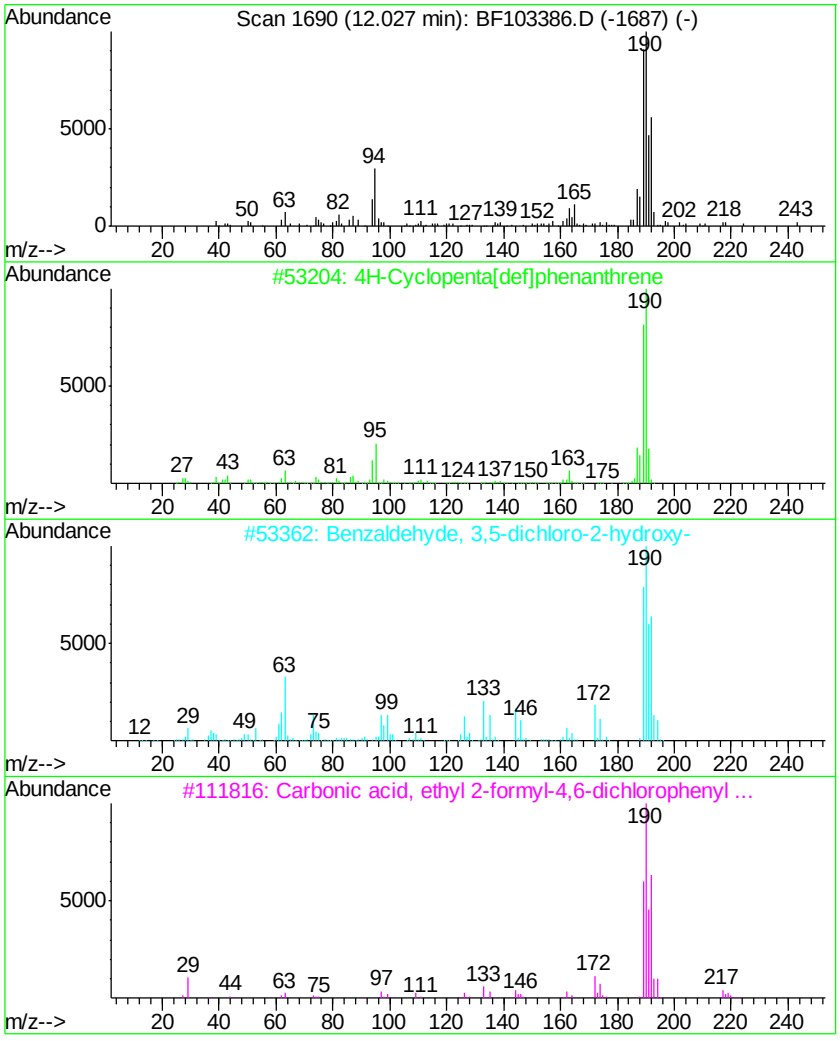
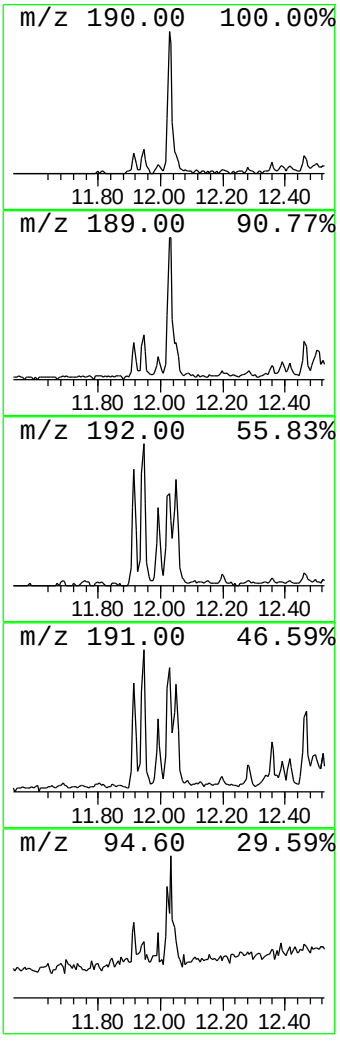
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	3.28 ng	139253	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	47
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	38
4	3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	22
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	20





Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
Data File : BF103386.D
Acq On : 3 Mar 2018 00:34
Operator : SJ/JU
Sample : J1724-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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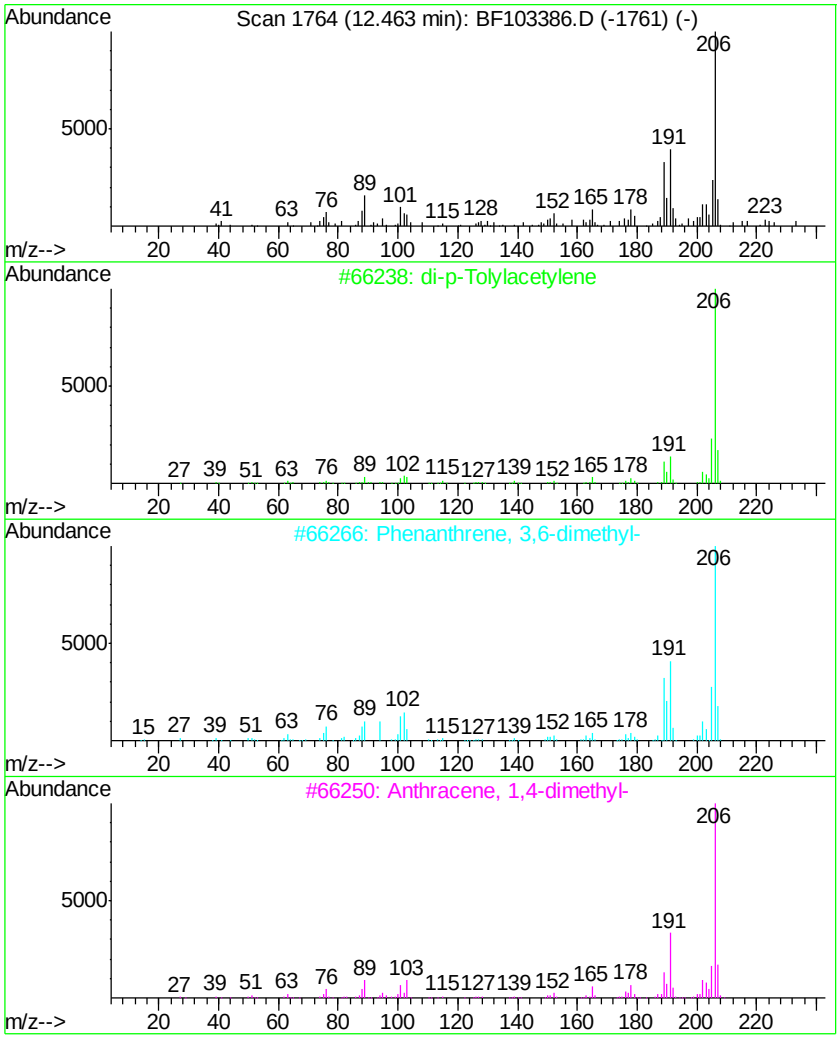
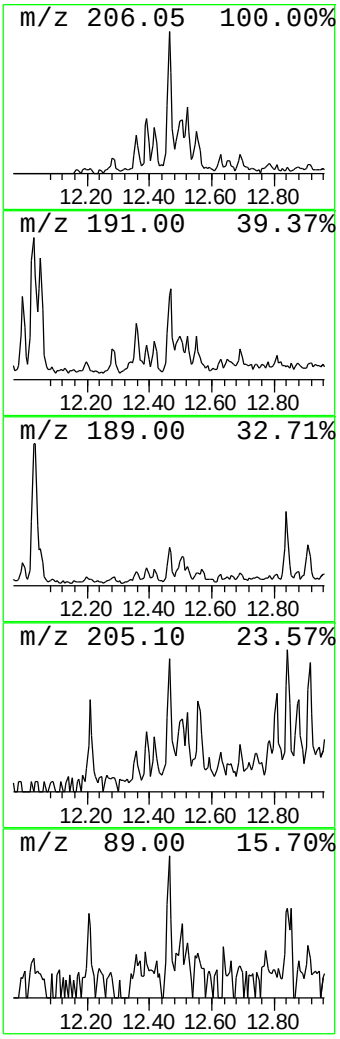
Peak Number 11 di-p-Tolylacetylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	2.19 ng	93250	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87





Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
Data File : BF103386.D
Acq On : 3 Mar 2018 00:34
Operator : SJ/JU
Sample : J1724-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

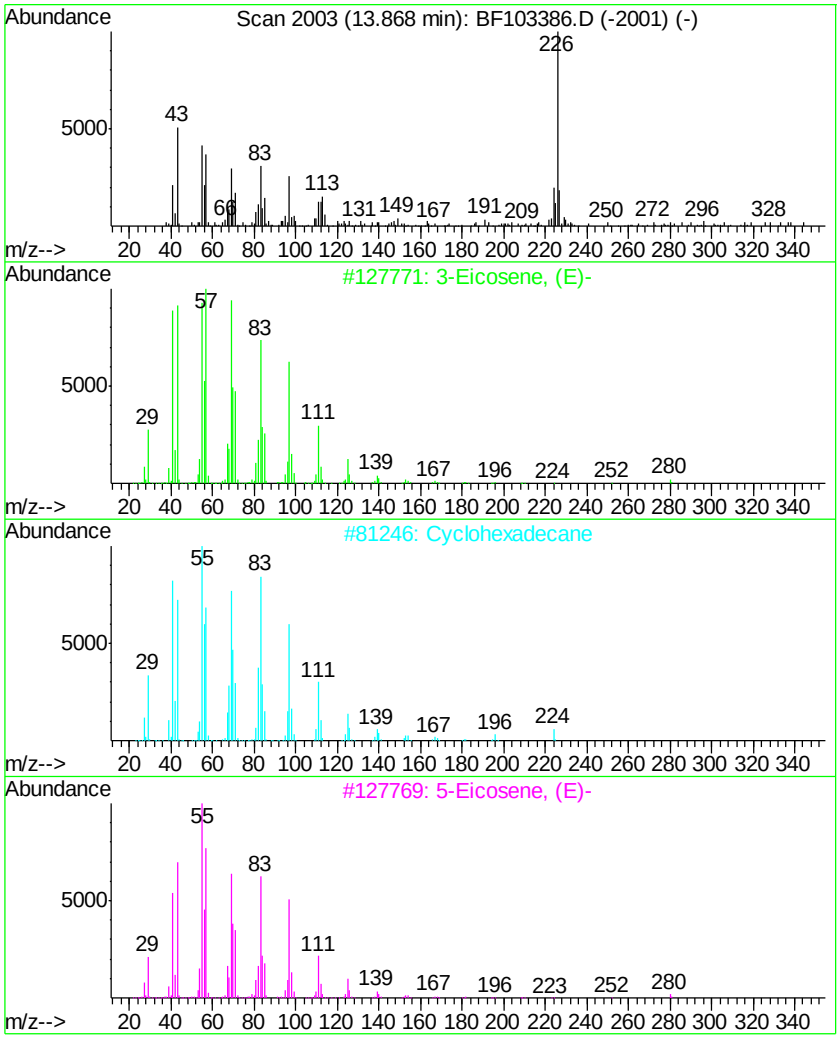
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

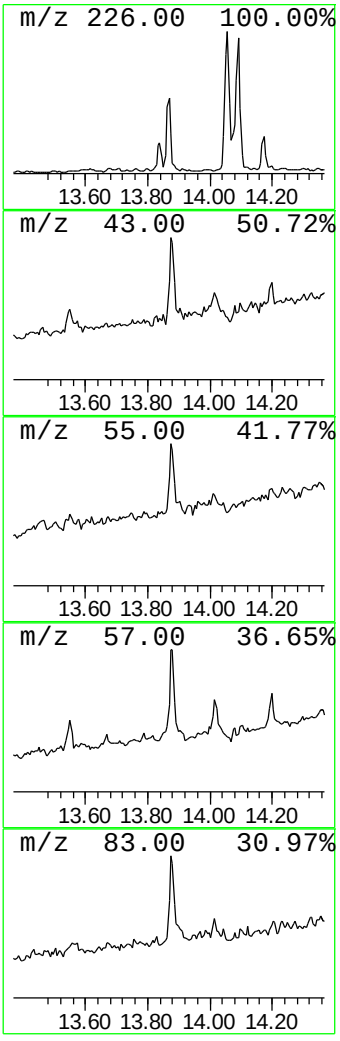
****

Peak Number 12 3-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	5.19 ng	262403	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	97
2	Cyclohexadecane	224	C16H32	000295-65-8	95
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\Data\BF030218\
Data File : BF103386.D
Acq On : 3 Mar 2018 00:34
Operator : SJ/JU
Sample : J1724-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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
Butane, 2-methoxy...	2.15	6.5	ng	303186	1	6.87	933836	20.0
2-Pentanone, 4-hy...	5.12	2.4	ng	110766	1	6.87	933836	20.0
unknown6.65	6.65	66.7	ng	3112640	1	6.87	933836	20.0
Hexadecane	9.83	3.1	ng	150421	3	9.92	979629	20.0
Tetracosane	10.80	5.7	ng	241487	4	11.41	850185	20.0
Anthracene, 9-met...	11.92	2.8	ng	120314	4	11.41	850185	20.0
4H-Cyclopenta[def...	12.03	3.3	ng	139253	4	11.41	850185	20.0
di-p-Tolylacetylene	12.46	2.2	ng	93250	4	11.41	850185	20.0
3-Eicosene, (E)-	13.87	5.2	ng	262403	5	14.07	1010310	20.0