LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
Data File : BF093126.D
Acq On : 24 Feb 2017 1:24
Operator : SJ/MA
Sample : I1954-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLP-S-03(0-5)-D

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-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.013	253	256	267	rBV	1231082	1775463	39.99%	4.382%
2	5.436	290	293	296	rBV	3138758	3913554	88.16%	9.659%
3	6.487	382	385	387	rBV	3616789	4439385	100.00%	10.956%
4	6.613	393	396	398	rBV	3907392	4154305	93.58%	10.253%
5	6.842	414	416	418	rBV	1067726	926823	20.88%	2.287%
6	7.002	427	430	432	rBV	2918806	3161284	71.21%	7.802%
7	7.413	463	466	468	rBV	2632043	2516813	56.69%	6.211%
8	8.133	526	529	531	rBV	1343316	1215813	27.39%	3.001%
9	9.207	620	623	625	rBV	4117091	3643013	82.06%	8.991%
10	9.596	655	657	660	rBV	303172	306727	6.91%	0.757%
11	9.813	672	676	678	rBV	39330	45267	1.02%	0.112%
12	9.882	679	682	684	rBV	1274635	1132684	25.51%	2.795%
13	10.305	715	719	721	rBV	72597	92315	2.08%	0.228%
14	10.671	748	751	753	rBV	1732906	1770967	39.89%	4.371%
15	10.785	759	761	765	rVB	145985	218945	4.93%	0.540%
16	11.231	796	800	801	rBV	71029	84473	1.90%	0.208%
17	11.253	801	802	805	rVB2	37275	44446	1.00%	0.110%
18	11.356	809	811	816	rBV2	687801	1331683	30.00%	3.287%
19	11.436	816	818	820	rVB	116835	97442	2.19%	0.240%
20	11.859	853	855	856	rBV	58111	54266	1.22%	0.134%
21	11.893	856	858	860	rVV	78082	77226	1.74%	0.191%
22	11.973	863	865	869	rVB2	107433	152383	3.43%	0.376%
23	12.408	901	903	905	rBV	56213	67129	1.51%	0.166%
24	12.442	905	906	909	rVV3	36483	53236	1.20%	0.131%
25	12.499	909	911	913	rVB	40876	46161	1.04%	0.114%
26	12.568	915	917	920	rVV	503500	618354	13.93%	1.526%
27	12.796	934	937	940	rVV	522489	671182	15.12%	1.656%
28	12.945	947	950	953	rVB	2572004	2350557	52.95%	5.801%
29	13.025	953	957	959	rBV2	40317	72448	1.63%	0.179%
30	13.128	962	966	968	rVB	78113	111620	2.51%	0.275%
31	13.231	973	975	979	rVB2	60940	83513	1.88%	0.206%
32	13.517	997	1000	1002	rBV3	20306	52499	1.18%	0.130%
33	13.642	1007	1011	1013	rBV2	51060	90413	2.04%	0.223%
34	13.745	1017	1020	1021	rBV	73674	93875	2.11%	0.232%

LSC Area Percent Report

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Sample : I1954-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLP-S-03(0-5)-D

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-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.848	1027	1029	1033	rVB2	120408	187954	4.23%	0.464%
36	13.997	1039	1042	1048	rBV2	1087732	1578184	35.55%	3.895%
37	14.099	1049	1051	1052	rBV2	46006	47353	1.07%	0.117%
38	14.157	1054	1056	1058	rBV3	26619	58526	1.32%	0.144%
39	14.385	1071	1076	1077	rBV	79373	145124	3.27%	0.358%
40	14.477	1080	1084	1085	rVV3	38614	91047	2.05%	0.225%
41	14.511	1085	1087	1090	rVV3	26002	60592	1.36%	0.150%
42	15.014	1129	1131	1135	rBV	267709	487174	10.97%	1.202%
43	15.082	1135	1137	1139	rVV2	38424	52959	1.19%	0.131%
44	15.117	1139	1140	1142	rVB	42841	46701	1.05%	0.115%
45	15.311	1154	1157	1159	rVB	116630	179430	4.04%	0.443%
46	15.368	1159	1162	1164	rVV	199007	253885	5.72%	0.627%
47	15.425	1164	1167	1173	rVB	640762	914792	20.61%	2.258%
48	15.848	1201	1204	1206	rBV	93869	133042	3.00%	0.328%
49	16.317	1242	1245	1250	rVB	96979	196834	4.43%	0.486%
50	16.820	1286	1289	1291	rBV	84519	171725	3.87%	0.424%
51	16.877	1291	1294	1298	rVB	64852	144119	3.25%	0.356%
52	17.243	1323	1326	1330	rVB	59780	110840	2.50%	0.274%
53	17.528	1348	1351	1355	rVB	45884	108784	2.45%	0.268%
54	18.294	1416	1418	1424	rBV4	25624	83449	1.88%	0.206%

Sum of corrected areas: 40518778

LSC Report - Integrated Chromatogram

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Data File : BF093126.D
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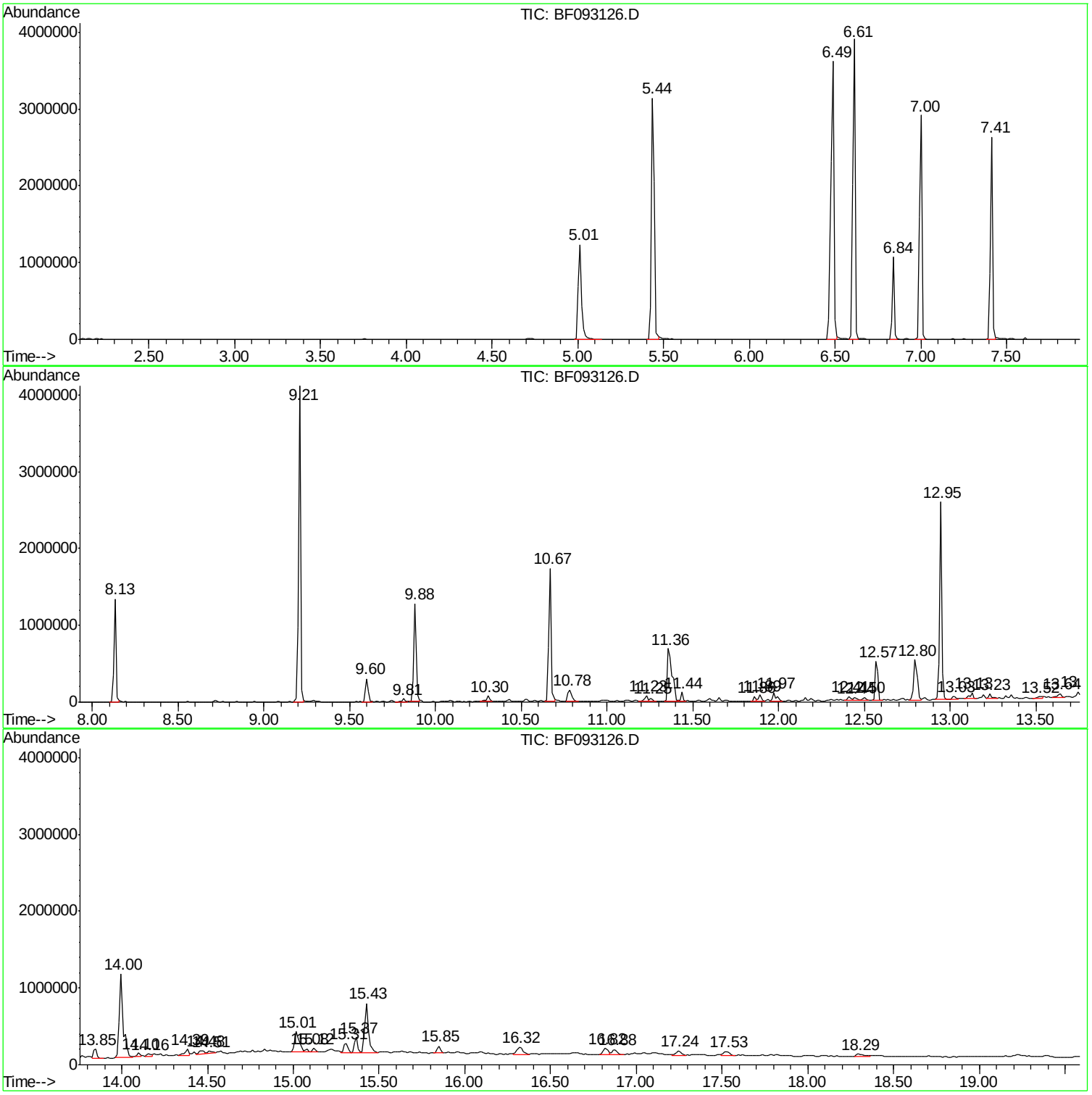
Operator : SJ/MA
Sample : I1954-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLP-S-03(0-5)-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
Data File : BF093126.D
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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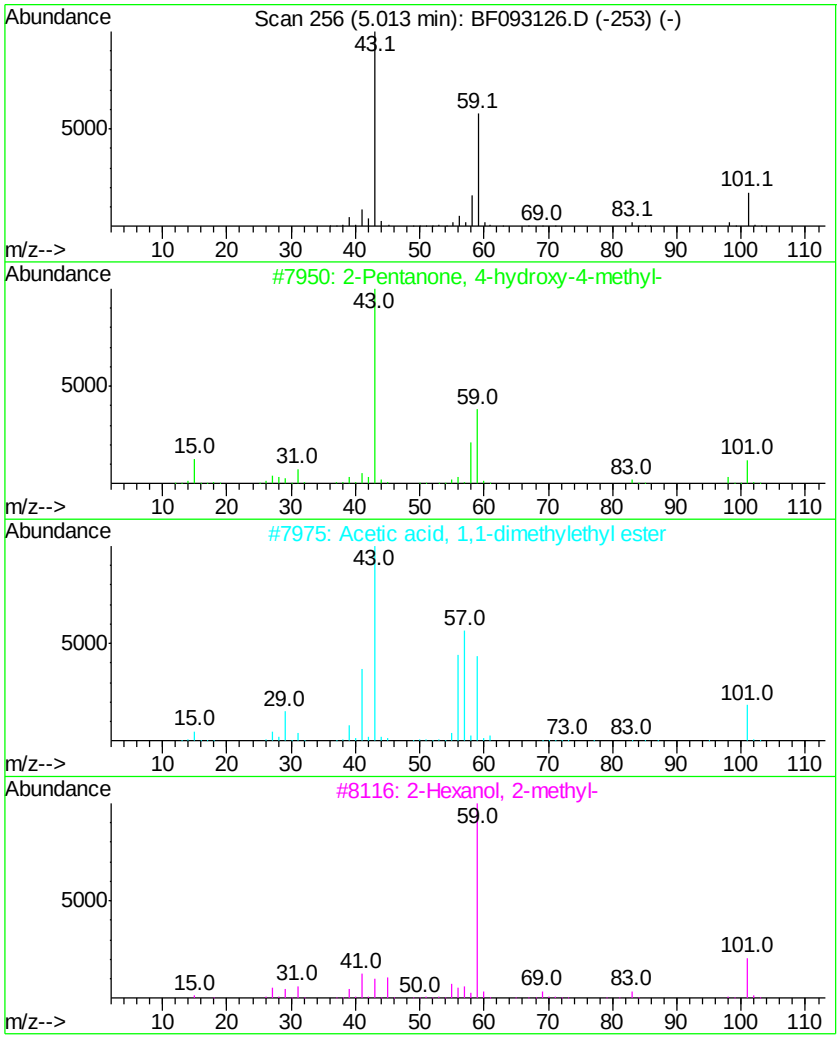
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

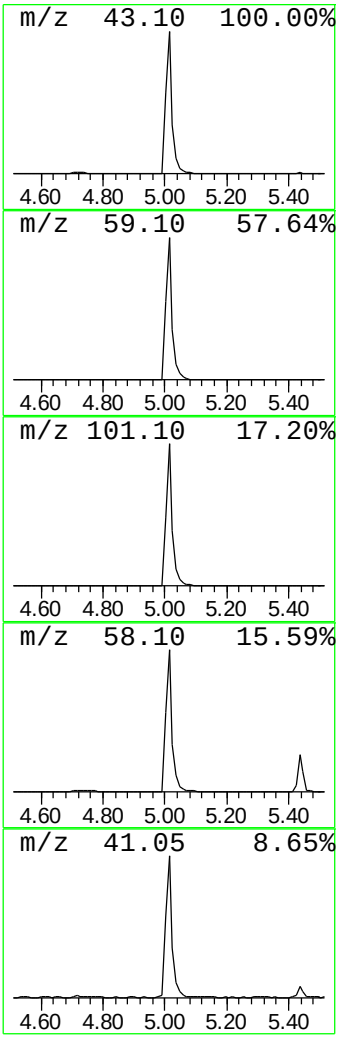
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	38.31 ng	1775460	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Library Search Compound Report

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Sample : I1954-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLP-S-03(0-5)-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

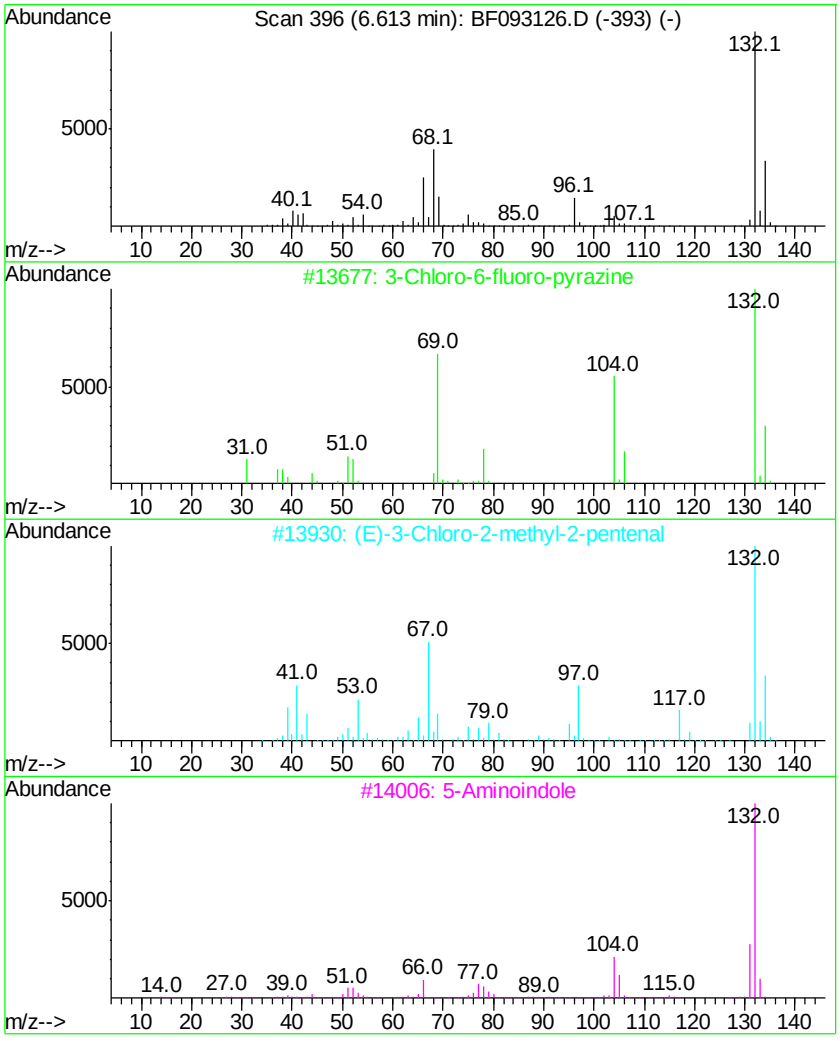
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

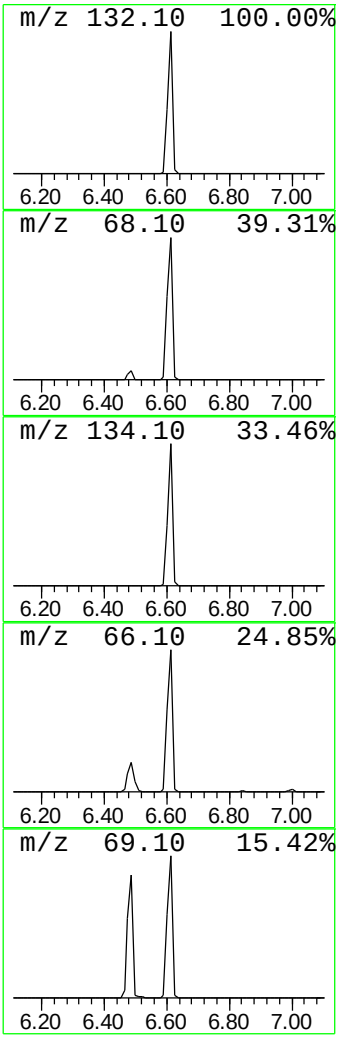
****

Peak Number 2 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	89.65 ng	4154310	1,4-Dichlorobenzene-d4	6.84

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	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





Library Search Compound Report

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Acq On : 24 Feb 2017 1:24
Operator : SJ/MA
Sample : I1954-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLP-S-03(0-5)-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

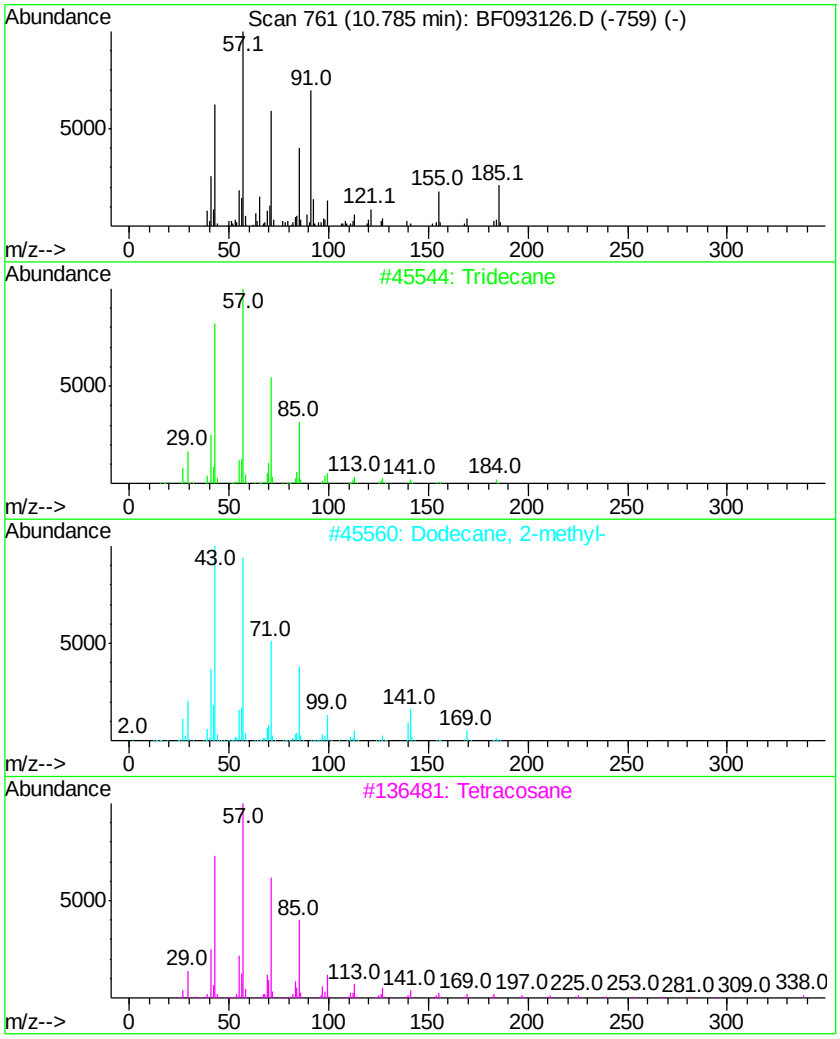
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

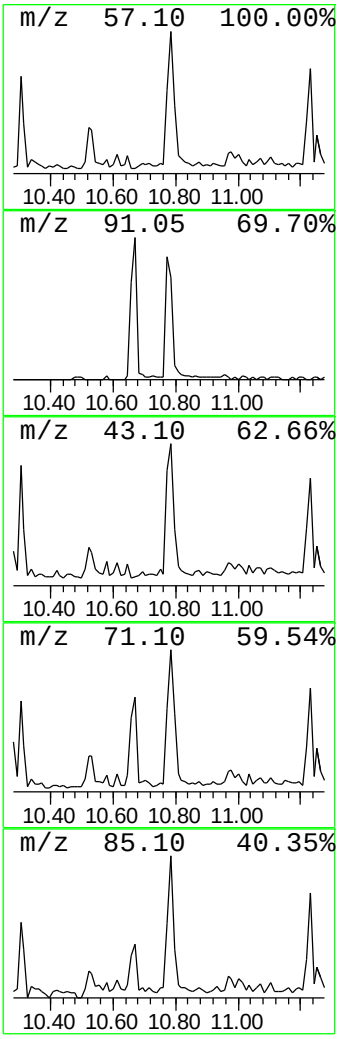
****

Peak Number 4 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	3.29 ng	218945	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	64
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	62
3	Tetracosane	338	C24H50	000646-31-1	58
4	Pentadecane	212	C15H32	000629-62-9	58
5	Eicosane	282	C20H42	000112-95-8	58





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLP-S-03(0-5)-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

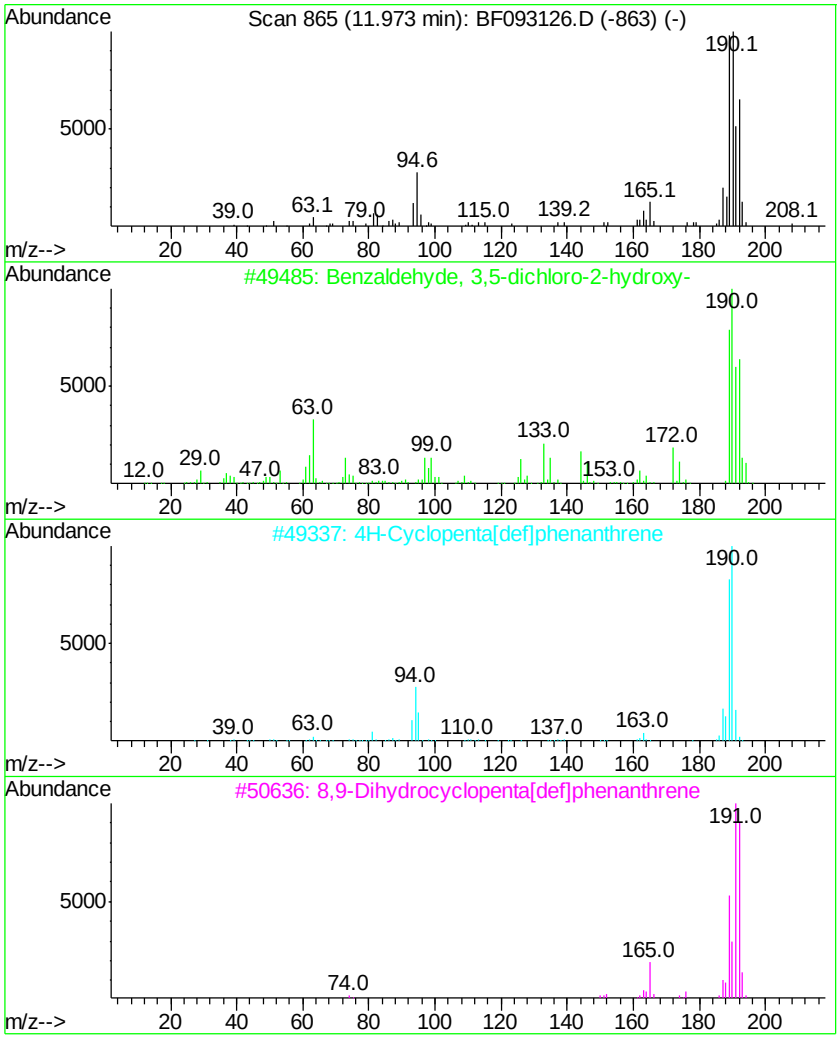
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

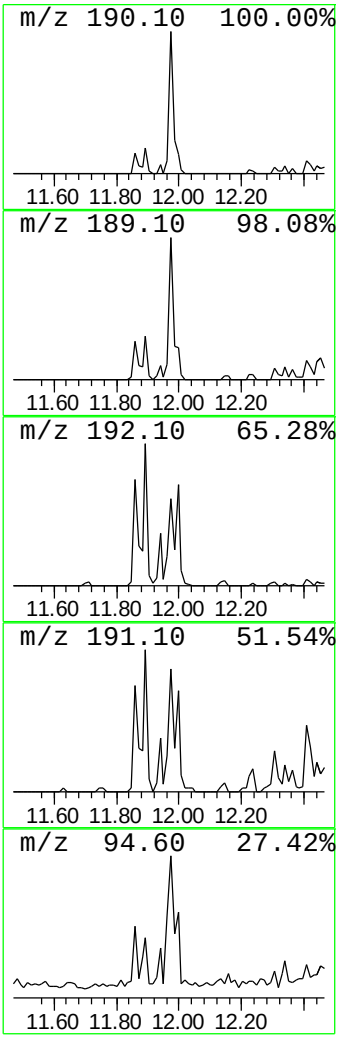
****

Peak Number 5 Benzaldehyde, 3,5-dichloro-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	2.29 ng	152383	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	38
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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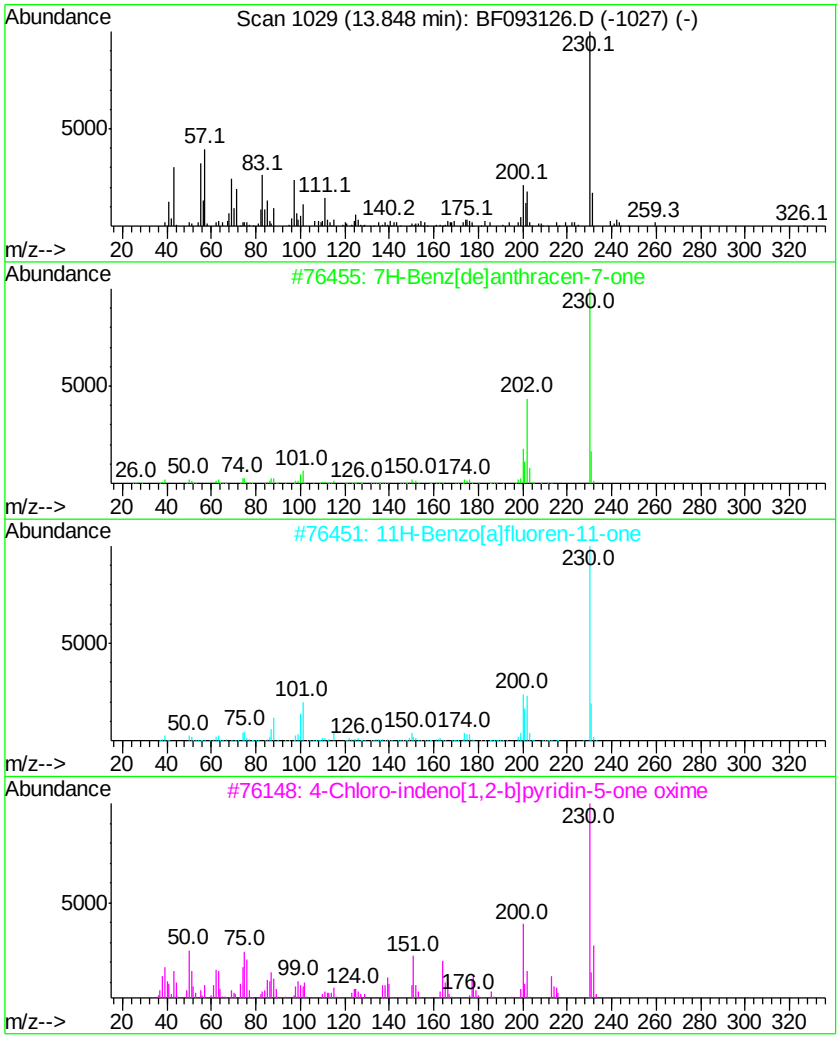
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

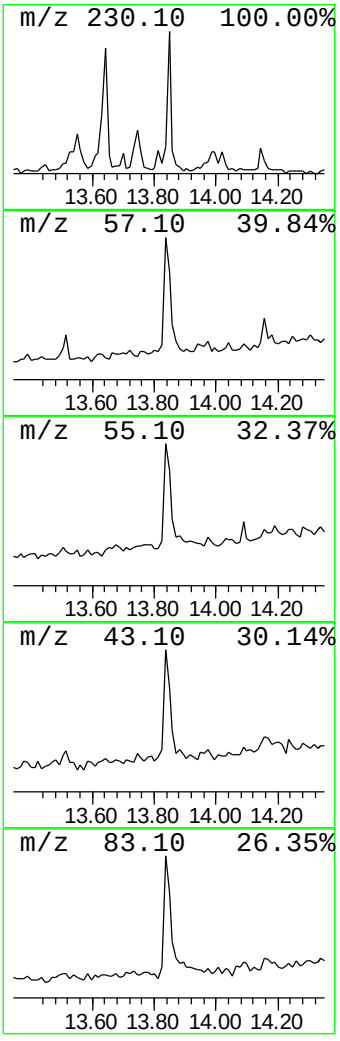
****

Peak Number 6 7H-Benz[de]anthracen-7-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	2.38 ng	187954	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	62
3	4-Chloro-indeno[1,2-b]pyridin-5-...	230	C12H7ClN2O	1000294-18-6	47
4	(E)-.alpha.,.alpha.'-Dicyanostil...	230	C16H10N2	002450-55-7	43
5	Naphthacene, 5,12-dihydro-	230	C18H14	000959-02-4	43





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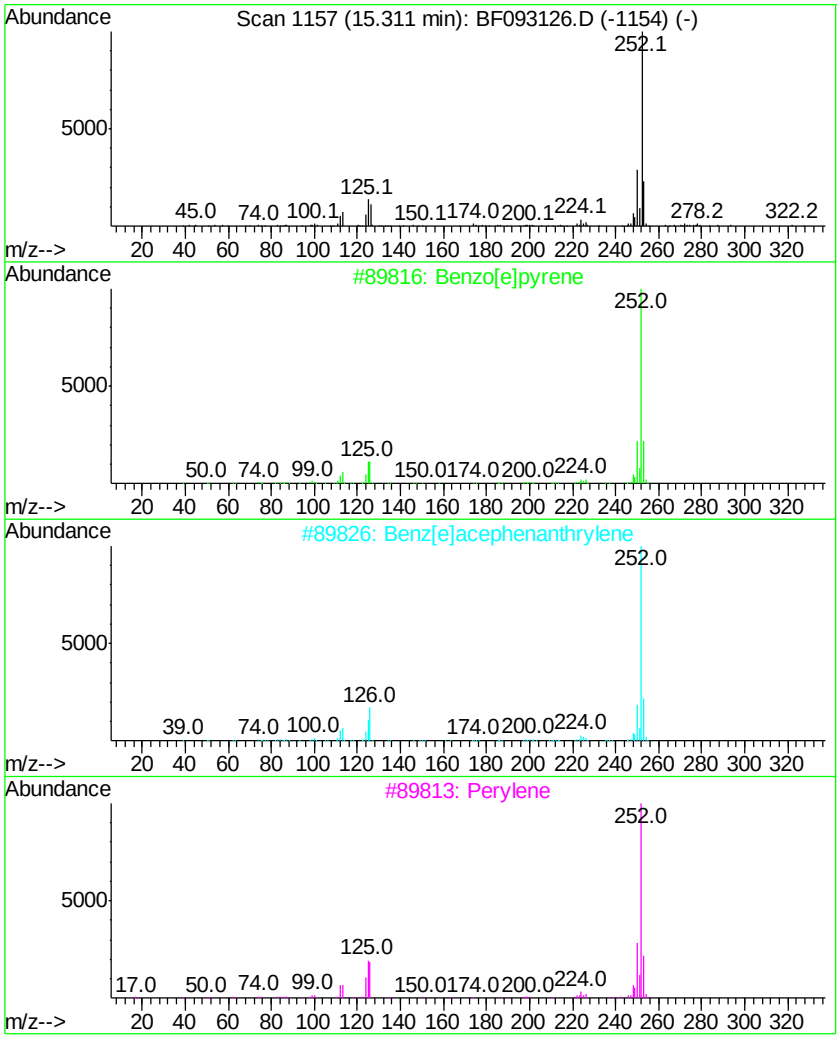
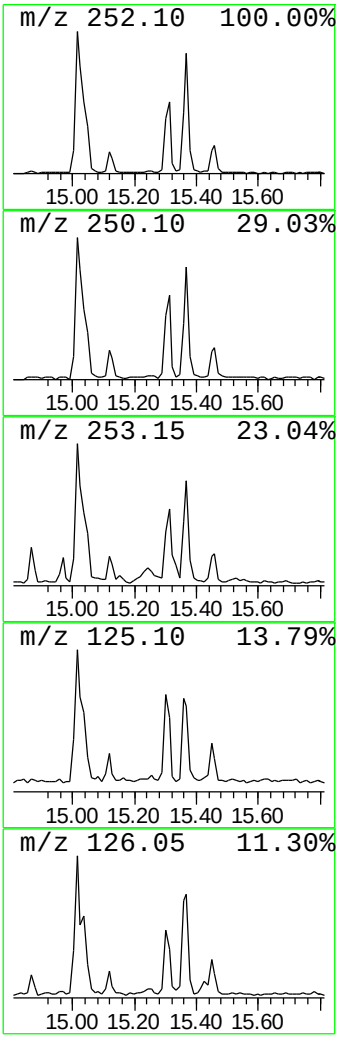
Peak Number 7 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	3.92 ng	179430	Perylene-d12	15.43

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





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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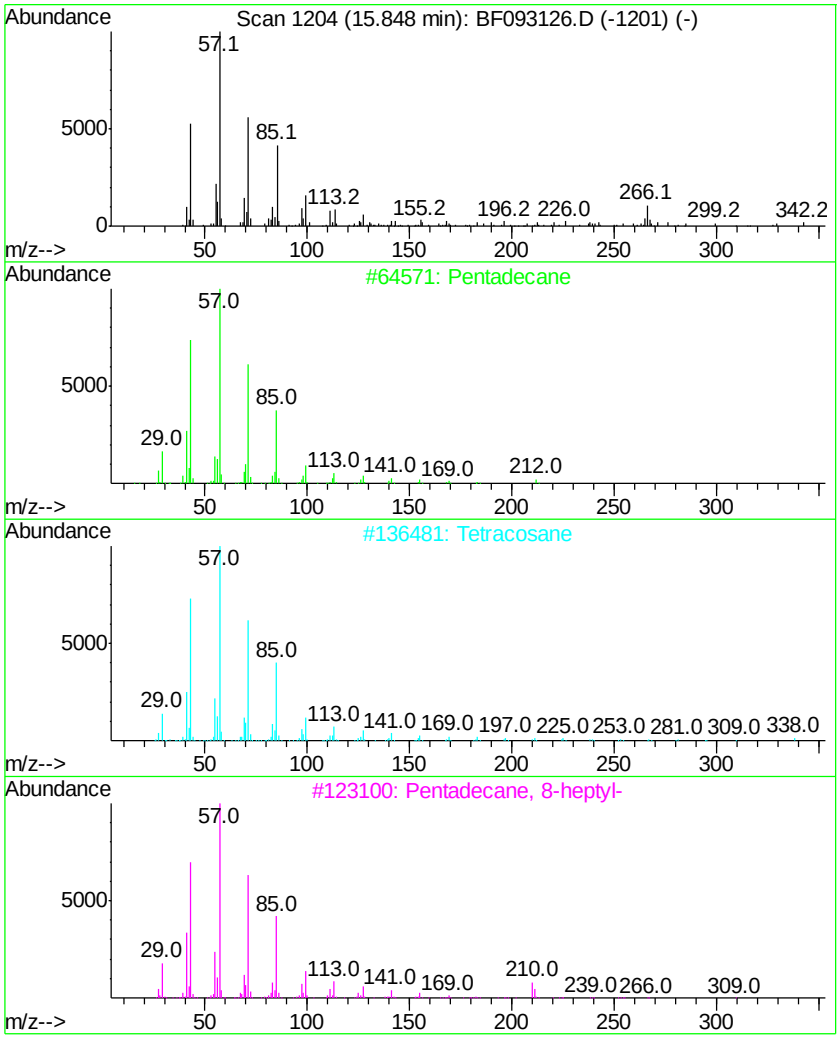
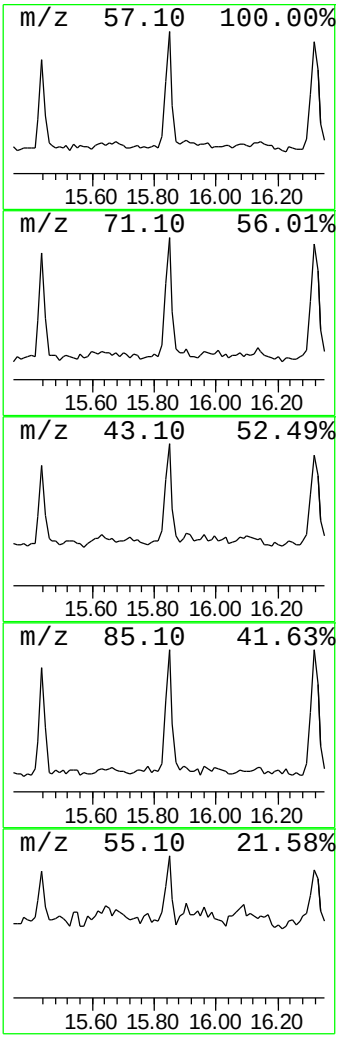
Peak Number 8 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	2.91 ng	133042	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Tetracosane	338	C24H50	000646-31-1	83
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	83
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
5	Heptacosane	380	C27H56	000593-49-7	74





Library Search Compound Report

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Acq On : 24 Feb 2017 1:24
Operator : SJ/MA
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Instrument : BNA_F
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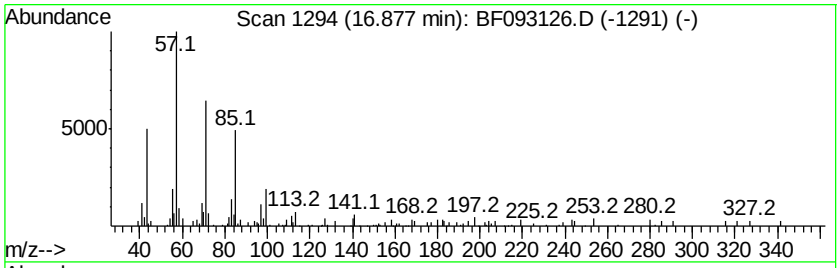
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

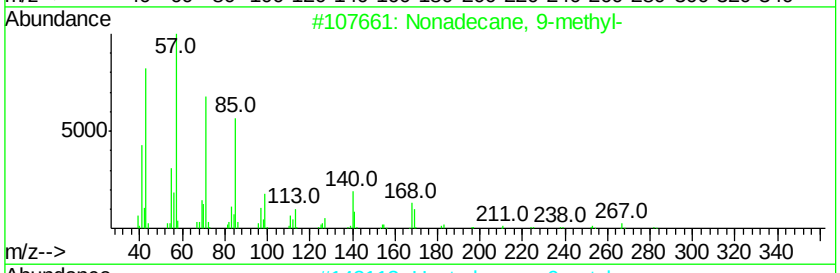
****

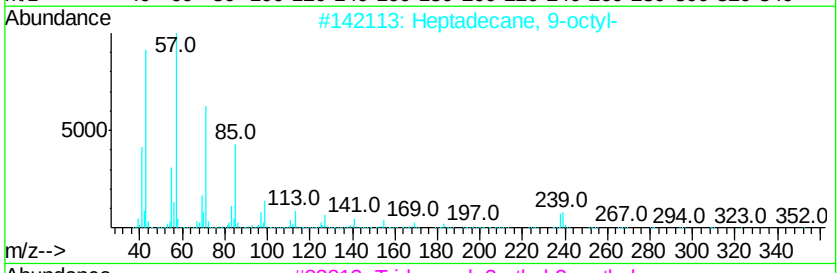
Peak Number 10 Nonadecane, 9-methyl- Concentration Rank 7

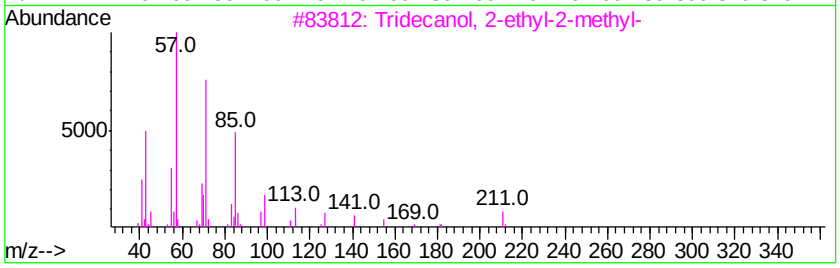
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.88	3.15 ng	144119	Perylene-d12	15.43

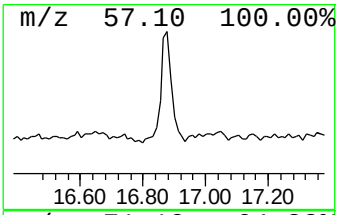
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	78
3	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	78
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	78
5	Eicosane	282	C20H42	000112-95-8	76

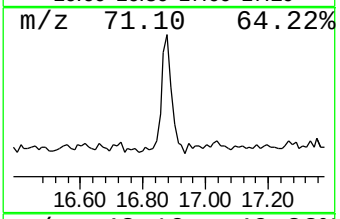


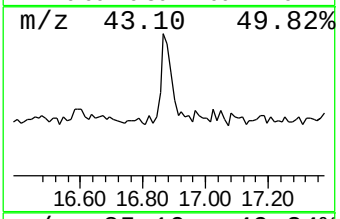


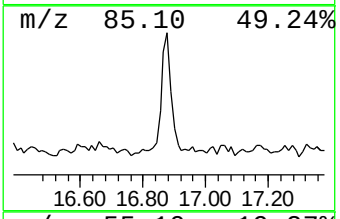


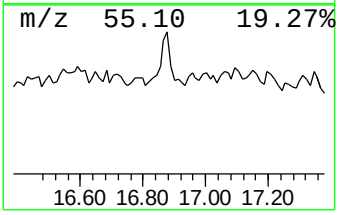












Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
Data File : BF093126.D
Acq On : 24 Feb 2017 1:24
Operator : SJ/MA
Sample : I1954-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLP-S-03(0-5)-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

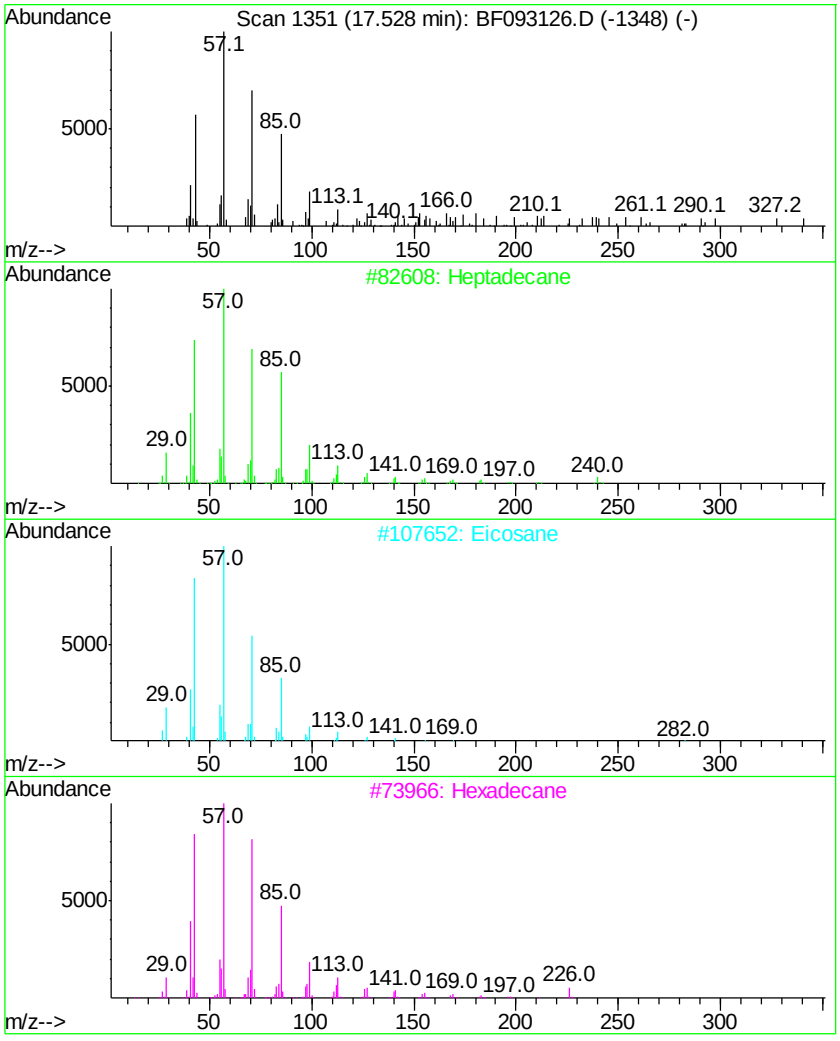
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

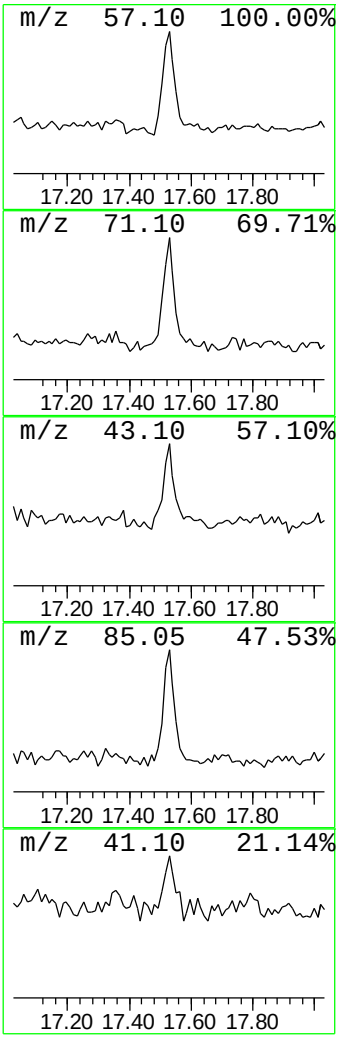
****

Peak Number 11 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.53	2.38 ng	108784	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	86
2	Eicosane	282	C20H42	000112-95-8	83
3	Hexadecane	226	C16H34	000544-76-3	83
4	Pentadecane	212	C15H32	000629-62-9	64
5	Tridecane	184	C13H28	000629-50-5	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022317\
Data File : BF093126.D
Acq On : 24 Feb 2017 1:24
Operator : SJ/MA
Sample : I1954-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLP-S-03(0-5)-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.01	38.3	ng	1775460	1	6.84	926823	20.0
unknown6.61	6.61	89.7	ng	4154310	1	6.84	926823	20.0
Tridecane	10.78	3.3	ng	218945	4	11.36	1331680	20.0
Benzaldehyde, 3,5...	11.97	2.3	ng	152383	4	11.36	1331680	20.0
7H-Benz[de]anthra...	13.85	2.4	ng	187954	5	14.00	1578180	20.0
Benzo[e]pyrene	15.31	3.9	ng	179430	6	15.43	914792	20.0
Pentadecane	15.85	2.9	ng	133042	6	15.43	914792	20.0
Nonadecane, 9-met...	16.88	3.1	ng	144119	6	15.43	914792	20.0
Heptadecane	17.53	2.4	ng	108784	6	15.43	914792	20.0