LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
Data File : BF079305.D
Acq On : 16 May 2015 10:34
Operator : TP/IZ
Sample : G2250-07 2X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-04-D1

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-BF043015.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	1.324	10	12	15	rVB	1554035	1919480	100.00%	11.584%
2	1.461	21	24	27	rVB	100578	140014	7.29%	0.845%
3	1.621	36	38	41	rVB	65528	87477	4.56%	0.528%
4	1.678	41	43	46	rBV	23975	32347	1.69%	0.195%
5	1.793	51	53	78	rVB	580924	1045482	54.47%	6.309%
6	4.947	327	329	335	rVB	118320	140424	7.32%	0.847%
7	5.473	372	375	377	rBV	414876	541977	28.24%	3.271%
8	6.742	484	486	489	rBV	451388	573373	29.87%	3.460%
9	6.890	496	499	502	rBV	693263	625881	32.61%	3.777%
10	7.176	522	524	527	rBV	474552	432931	22.55%	2.613%
11	7.359	538	540	543	rBV	396266	458424	23.88%	2.767%
12	7.873	582	585	587	rBV	356257	353860	18.44%	2.136%
13	7.999	593	596	598	rBV	23721	27222	1.42%	0.164%
14	8.753	660	662	666	rVB	703478	636381	33.15%	3.841%
15	10.102	777	780	782	rBV	846663	752127	39.18%	4.539%
16	10.605	822	824	827	rBV	35231	35839	1.87%	0.216%
17	10.753	834	837	839	rVB	31792	29160	1.52%	0.176%
18	10.925	850	852	854	rBV	685445	655856	34.17%	3.958%
19	10.971	854	856	858	rVB	30257	36936	1.92%	0.223%
20	11.176	873	874	877	rBV2	17449	24730	1.29%	0.149%
21	11.611	910	912	914	rBV	25342	31606	1.65%	0.191%
22	11.908	935	938	940	rBV	401149	455740	23.74%	2.750%
23	12.765	1010	1013	1015	rBV	699639	785790	40.94%	4.742%
24	12.799	1015	1016	1018	rVV	246257	176481	9.19%	1.065%
25	12.857	1018	1021	1023	rVB	70923	76494	3.99%	0.462%
26	13.062	1038	1039	1041	rBV2	15907	20147	1.05%	0.122%
27	13.394	1066	1068	1070	rBV	37487	41167	2.14%	0.248%
28	13.428	1070	1071	1074	rVB	54996	52649	2.74%	0.318%
29	13.485	1074	1076	1078	rBV	27281	32828	1.71%	0.198%
30	13.531	1078	1080	1082	rVV2	60990	84783	4.42%	0.512%
31	13.771	1099	1101	1107	rVB2	29593	47668	2.48%	0.288%
32	14.080	1126	1128	1130	rBV	26927	30075	1.57%	0.182%
33	14.125	1130	1132	1135	rBV3	14614	32327	1.68%	0.195%
34	14.194	1135	1138	1140	rVB2	21799	40152	2.09%	0.242%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
Data File : BF079305.D
Acq On : 16 May 2015 10:34
Operator : TP/IZ
Sample : G2250-07 2X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-04-D1

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-BF043015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.274	1142	1145	1147	rBV	411593	405408	21.12%	2.447%
36	14.388	1153	1155	1157	rVB	23274	23221	1.21%	0.140%
37	14.457	1157	1161	1162	rBV2	16258	23660	1.23%	0.143%
38	14.548	1166	1169	1171	rBV	371794	424102	22.09%	2.559%
39	14.708	1180	1183	1185	rBV	25493	36375	1.90%	0.220%
40	14.765	1185	1188	1190	rVV	732123	840309	43.78%	5.071%
41	14.834	1190	1194	1196	rVV2	24564	51230	2.67%	0.309%
42	14.971	1200	1206	1208	rBV2	51005	110207	5.74%	0.665%
43	15.051	1212	1213	1215	rVV	28316	30668	1.60%	0.185%
44	15.097	1215	1217	1222	rVV	57658	77189	4.02%	0.466%
45	15.211	1225	1227	1229	rBV	23880	30185	1.57%	0.182%
46	15.245	1229	1230	1233	rBV	28729	30235	1.58%	0.182%
47	15.485	1245	1251	1252	rBV5	13991	42456	2.21%	0.256%
48	15.600	1258	1261	1265	rVB	32133	51765	2.70%	0.312%
49	15.737	1270	1273	1275	rBV	38310	57032	2.97%	0.344%
50	15.783	1275	1277	1280	rVV2	28003	58919	3.07%	0.356%
51	15.828	1280	1281	1283	rVV2	17358	26469	1.38%	0.160%
52	15.874	1283	1285	1287	rVB2	25937	39241	2.04%	0.237%
53	15.954	1289	1292	1297	rBV3	56573	109887	5.72%	0.663%
54	16.057	1298	1301	1303	rVV2	622109	1030707	53.70%	6.220%
55	16.091	1303	1304	1310	rVB	164946	222329	11.58%	1.342%
56	16.194	1310	1313	1314	rBV2	23214	37781	1.97%	0.228%
57	16.240	1314	1317	1319	rBV3	11707	24816	1.29%	0.150%
58	16.365	1326	1328	1332	rVB2	22094	41490	2.16%	0.250%
59	16.491	1336	1339	1340	rBV3	13107	24098	1.26%	0.145%
60	16.571	1344	1346	1348	rVB	43913	48776	2.54%	0.294%
61	16.617	1348	1350	1353	rBV	21451	32764	1.71%	0.198%
62	16.731	1358	1360	1361	rBV2	23525	30616	1.60%	0.185%
63	16.971	1379	1381	1383	rBV3	17957	29707	1.55%	0.179%
64	17.143	1393	1396	1398	rBV4	44500	76614	3.99%	0.462%
65	17.383	1414	1417	1423	rBV	164981	387990	20.21%	2.341%
66	17.508	1426	1428	1430	rVB	45397	53893	2.81%	0.325%
67	17.588	1433	1435	1437	rBV	34692	59987	3.13%	0.362%
68	17.714	1444	1446	1449	rBV	113236	146610	7.64%	0.885%
69	17.783	1449	1452	1455	rVV	166181	203179	10.59%	1.226%
70	17.851	1455	1458	1466	rVV	610299	826569	43.06%	4.988%
71	19.257	1578	1581	1586	rVB2	78300	171620	8.94%	1.036%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
Data File : BF079305.D
Acq On : 16 May 2015 10:34
Operator : TP/IZ
Sample : G2250-07 2X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-04-D1

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-BF043015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	19.486	1599	1601	1604	rBV4	23155	57853	3.01%	0.349%
73	19.669	1614	1617	1621	rVB	65424	136390	7.11%	0.823%

Sum of corrected areas: 16570175

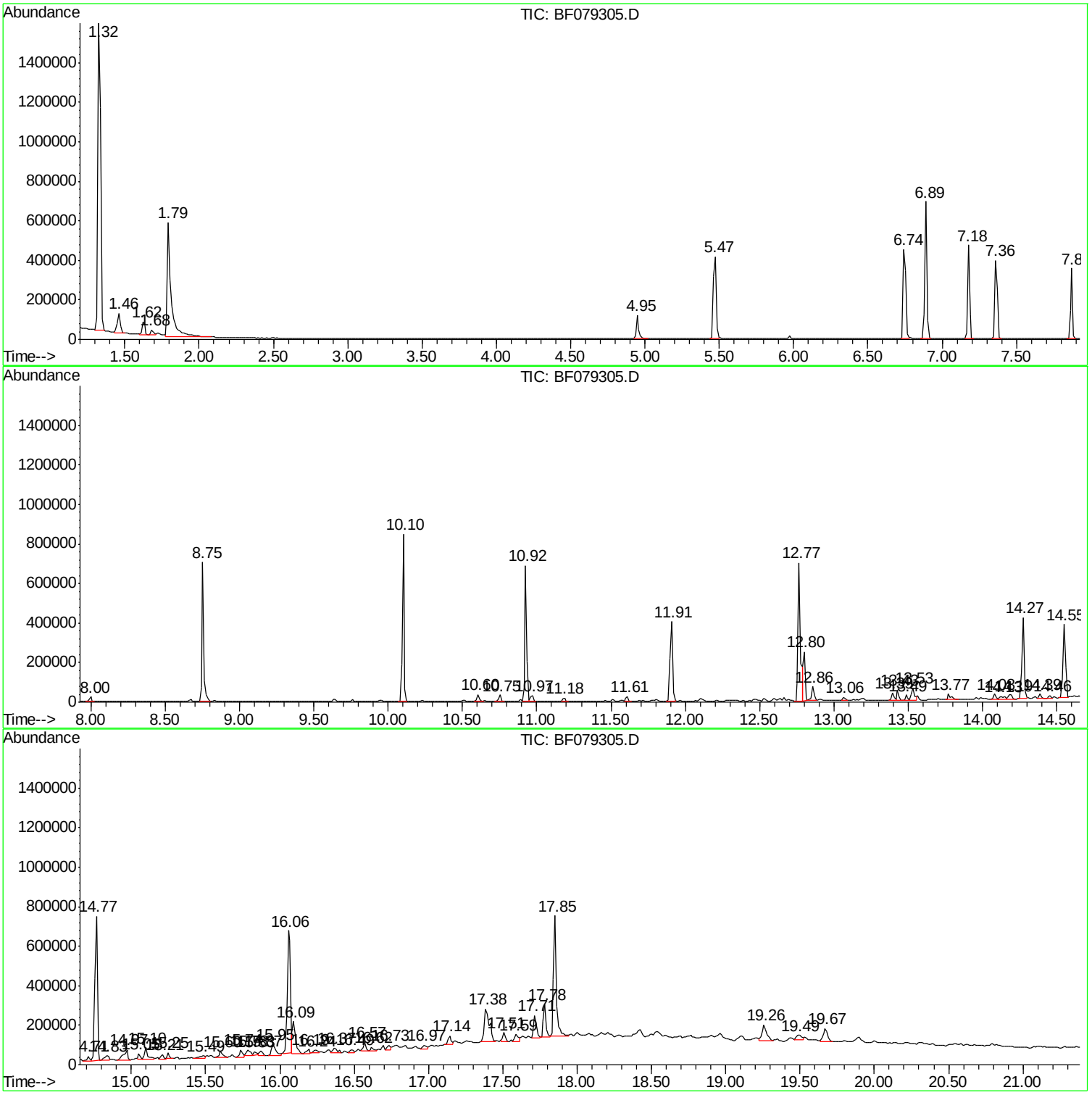
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
Data File : BF079305.D
Acq On : 16 May 2015 10:34
Operator : TP/IZ
Sample : G2250-07 2X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-04-D1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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\BF051515\
Data File : BF079305.D
Acq On : 16 May 2015 10:34
Operator : TP/IZ
Sample : G2250-07 2X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-04-D1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

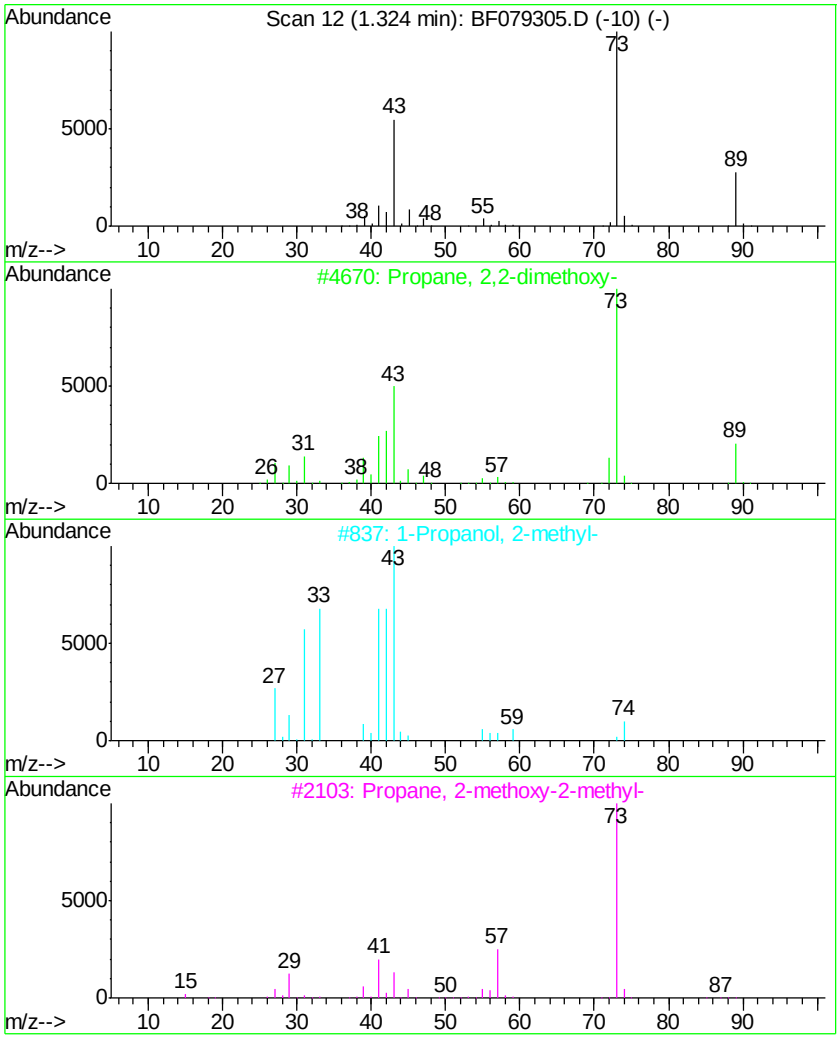
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

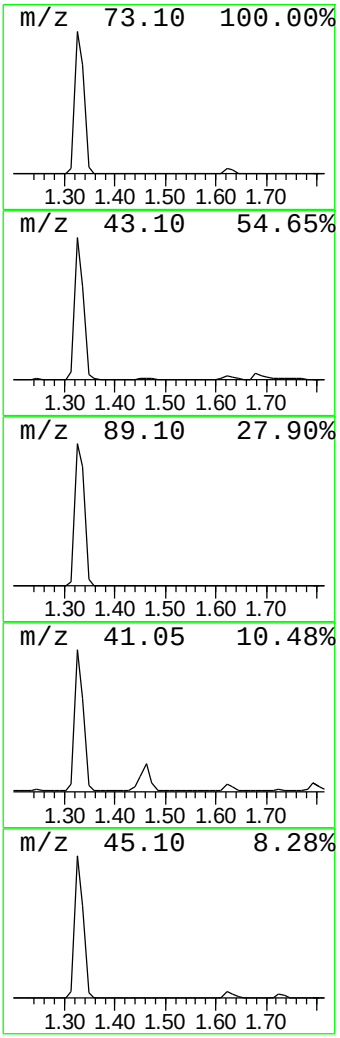
****

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.32	88.67 ng	1919480	1,4-Dichlorobenzene-d4	7.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	72
2	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	9
5	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
Data File : BF079305.D
Acq On : 16 May 2015 10:34
Operator : TP/IZ
Sample : G2250-07 2X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-04-D1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

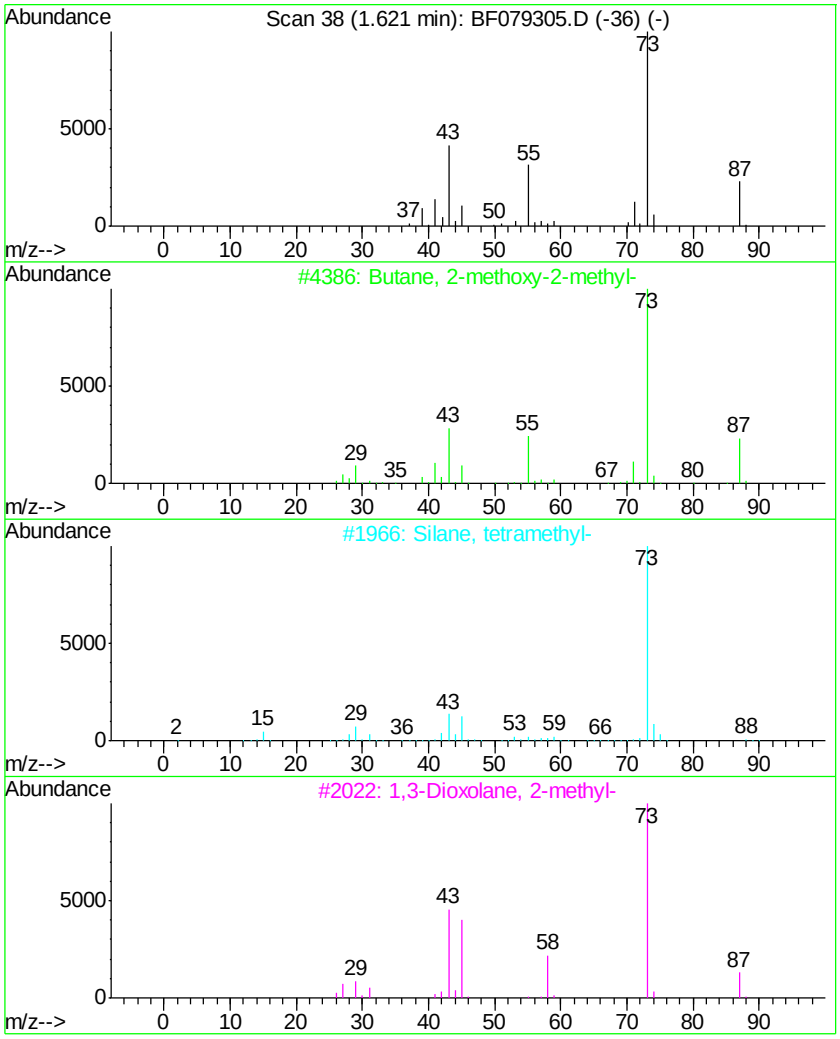
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

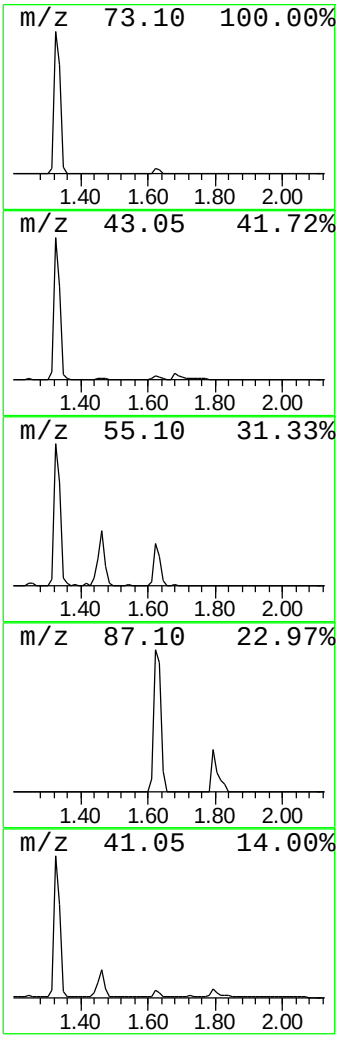
****

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.62	4.04 ng	87477	1,4-Dichlorobenzene-d4	7.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	43
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
Data File : BF079305.D
Acq On : 16 May 2015 10:34
Operator : TP/IZ
Sample : G2250-07 2X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-04-D1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

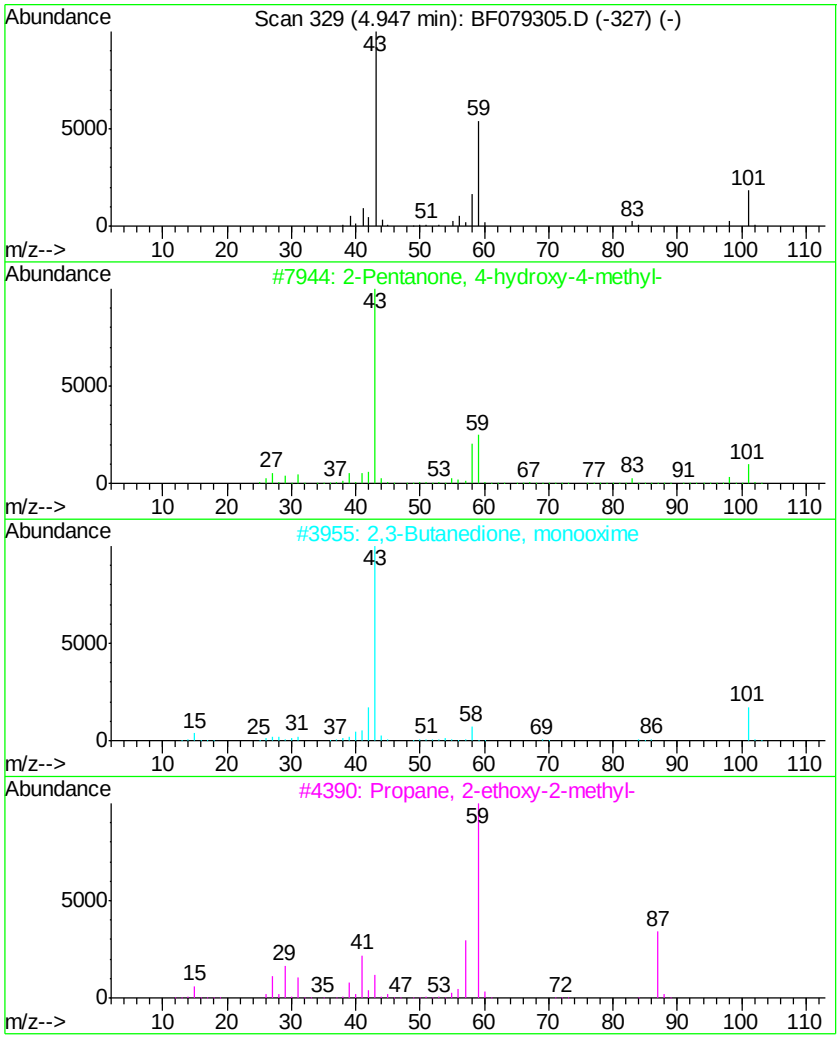
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

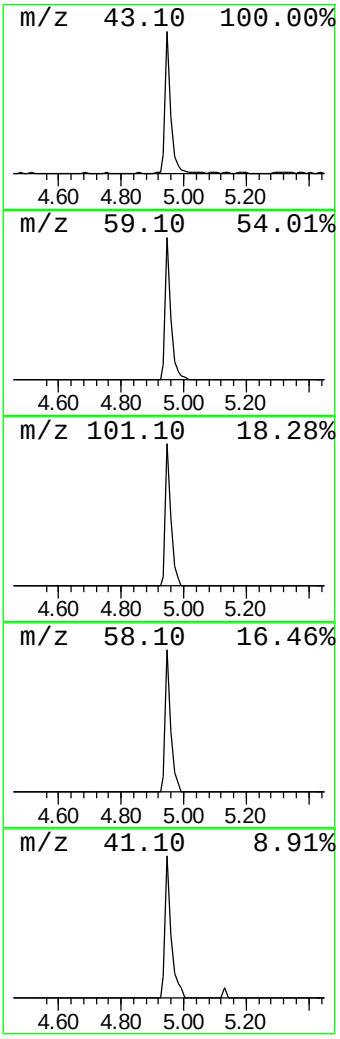
****

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	6.49 ng	140424	1,4-Dichlorobenzene-d4	7.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
3	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	9
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
5	5-Oxohexanenitrile	111	C6H9NO	010412-98-3	9





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Acq On : 16 May 2015 10:34
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Sample : G2250-07 2X
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Instrument : BNA_F
ClientSampleId : WC-04-D1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

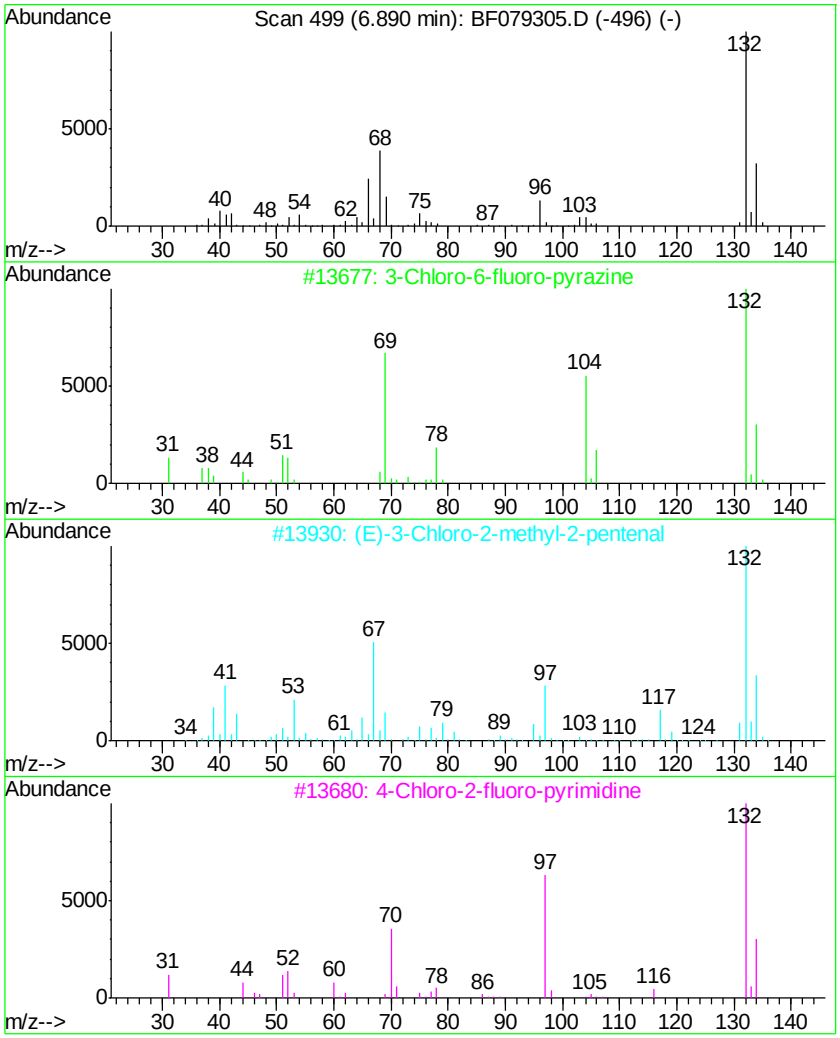
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

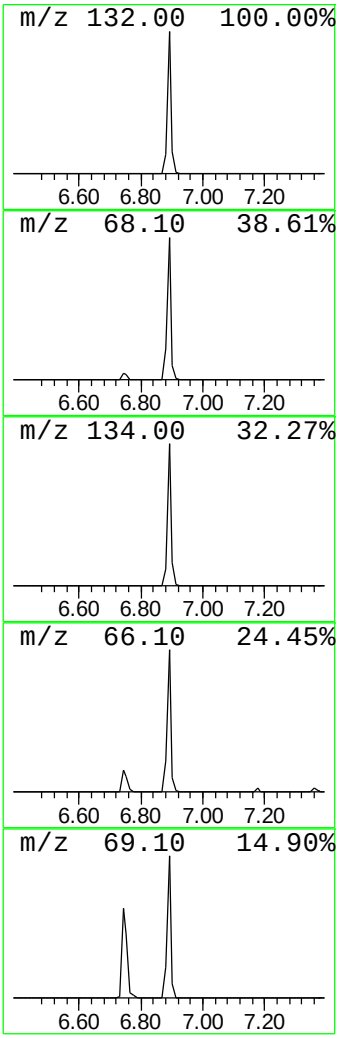
****

Peak Number 6 unknown6.89 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	28.91 ng	625881	1,4-Dichlorobenzene-d4	7.18

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	12
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





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Acq On : 16 May 2015 10:34
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Sample : G2250-07 2X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-04-D1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

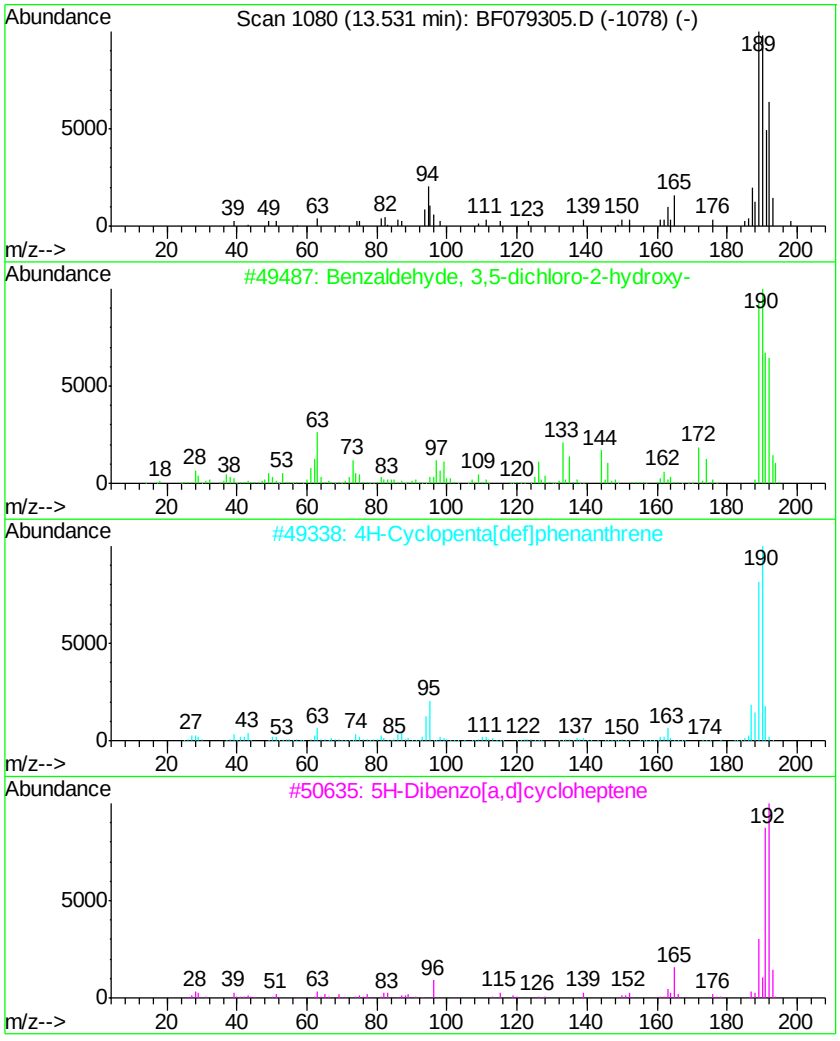
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

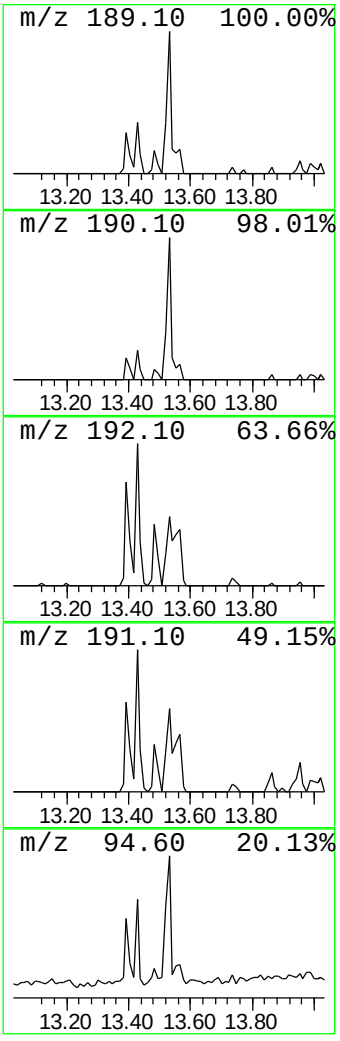
****

Peak Number 8 Benzaldehyde, 3,5-dichloro-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	2.16 ng	84783	Phenanthrene-d10	12.77

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	49
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	35
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
Data File : BF079305.D
Acq On : 16 May 2015 10:34
Operator : TP/IZ
Sample : G2250-07 2X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-04-D1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

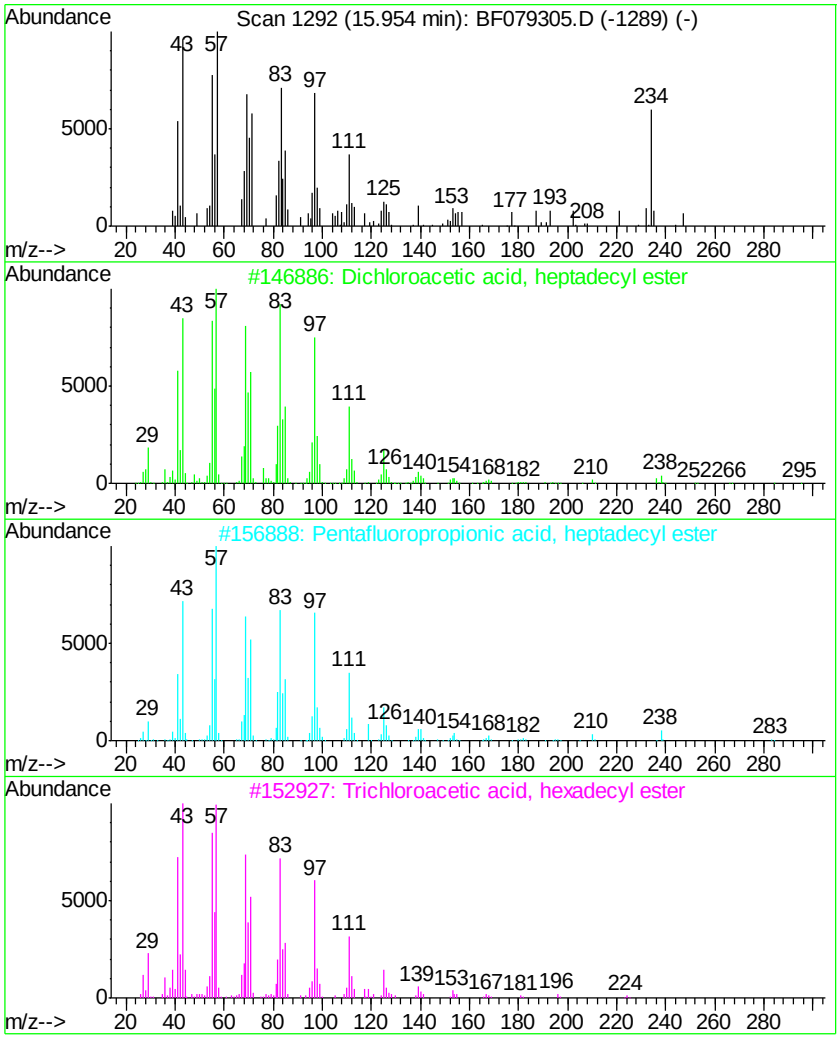
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

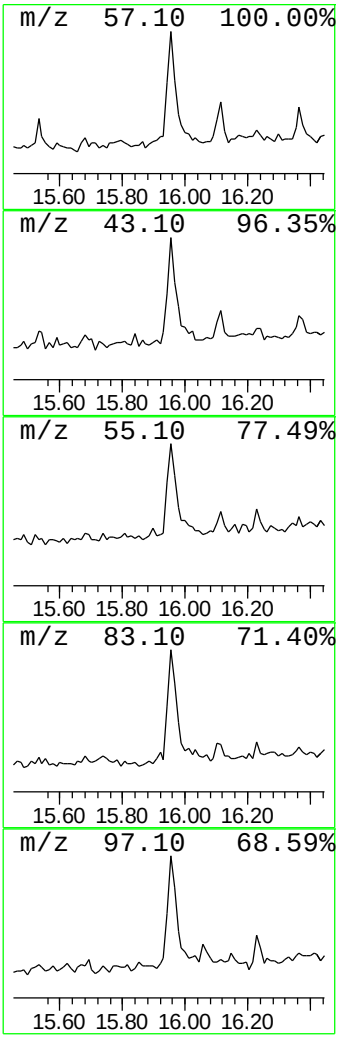
****

Peak Number 10 Dichloroacetic acid, heptad... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	2.13 ng	109887	Chrysene-d12	16.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	81
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	76
4	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	74
5	1-Nonadecanol	284	C19H40O	001454-84-8	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051515\
Data File : BF079305.D
Acq On : 16 May 2015 10:34
Operator : TP/IZ
Sample : G2250-07 2X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-04-D1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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
Propane, 2,2-dime...	1.32	88.7	ng	1919480	1	7.18	432931	20.0
Butane, 2-methoxy...	1.62	4.0	ng	87477	1	7.18	432931	20.0
2-Pentanone, 4-hy...	4.95	6.5	ng	140424	1	7.18	432931	20.0
unknown6.89	6.89	28.9	ng	625881	1	7.18	432931	20.0
Benzaldehyde, 3,5...	13.53	2.2	ng	84783	4	12.77	785790	20.0
Dichloroacetic ac...	15.95	2.1	ng	109887	5	16.07	1030710	20.0