LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096329.D
Acq On : 30 Jun 2017 11:27
Operator : SJ/MA
Sample : I3874-03 50X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TL-DR-01

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-BF062717.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	3.981	321	322	343	rBV3	115693	276241	25.84%	3.417%
2	4.951	485	487	494	rBV	16212	18702	1.75%	0.231%
3	5.375	556	559	563	rVB	94981	87182	8.16%	1.078%
4	6.387	728	731	735	rBV	111323	92106	8.62%	1.139%
5	6.534	753	756	759	rBV	116335	92056	8.61%	1.139%
6	6.769	792	796	800	rBV	976793	785215	73.46%	9.713%
7	6.922	819	822	826	rBV	69775	61456	5.75%	0.760%
8	7.322	887	890	893	rBV	61660	50400	4.72%	0.623%
9	7.887	983	986	991	rBV2	41358	46701	4.37%	0.578%
10	7.922	991	992	1002	rVB3	10765	15947	1.49%	0.197%
11	8.051	1010	1014	1018	rBV	1277135	1068868	100.00%	13.221%
12	8.110	1021	1024	1030	rVB3	16368	20417	1.91%	0.253%
13	8.981	1169	1172	1177	rVB	15370	13705	1.28%	0.170%
14	9.128	1193	1197	1200	rBV	109289	85140	7.97%	1.053%
15	9.222	1210	1213	1216	rBV	27821	21127	1.98%	0.261%
16	9.251	1216	1218	1222	rVB	23068	18386	1.72%	0.227%
17	9.751	1299	1303	1308	rBV	51396	44406	4.15%	0.549%
18	9.804	1308	1312	1316	rBV2	1227470	1047719	98.02%	12.960%
19	9.898	1325	1328	1332	rBV	16729	13824	1.29%	0.171%
20	10.245	1383	1387	1391	rBV	48054	44270	4.14%	0.548%
21	10.345	1401	1404	1407	rBV	45215	37166	3.48%	0.460%
22	10.469	1420	1425	1428	rBV2	22604	27908	2.61%	0.345%
23	10.586	1442	1445	1448	rBV	66318	53265	4.98%	0.659%
24	10.722	1465	1468	1469	rBV	66542	60172	5.63%	0.744%
25	10.945	1504	1506	1510	rVB2	13056	12522	1.17%	0.155%
26	11.039	1518	1522	1524	rBV3	25346	30249	2.83%	0.374%
27	11.092	1528	1531	1534	rVB2	14666	16500	1.54%	0.204%
28	11.169	1541	1544	1546	rBV2	69239	60046	5.62%	0.743%
29	11.198	1546	1549	1553	rVB	148516	139523	13.05%	1.726%
30	11.245	1554	1557	1560	rBV2	22931	24094	2.25%	0.298%
31	11.286	1560	1564	1567	rBV	1146151	1005143	94.04%	12.433%
32	11.339	1570	1573	1576	rBV3	23016	23730	2.22%	0.294%
33	11.480	1594	1597	1599	rBV2	19965	18861	1.76%	0.233%
34	11.510	1599	1602	1604	rBV	44950	40112	3.75%	0.496%

LSC Area Percent Report

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Acq On : 30 Jun 2017 11:27
Operator : SJ/MA
Sample : I3874-03 50X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TL-DR-01

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-BF062717.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.551	1606	1609	1612	rVB	57113	57243	5.36%	0.708%
36	11.592	1614	1616	1619	rVV	63524	52662	4.93%	0.651%
37	11.680	1628	1631	1634	rVB	88416	72842	6.81%	0.901%
38	11.716	1635	1637	1638	rBV2	24633	16788	1.57%	0.208%
39	11.757	1641	1644	1646	rBV2	52842	42586	3.98%	0.527%
40	11.822	1653	1655	1658	rBV3	49680	44584	4.17%	0.551%
41	11.886	1664	1666	1670	rBV4	29610	47744	4.47%	0.591%
42	11.933	1672	1674	1679	rVV2	84052	75652	7.08%	0.936%
43	11.975	1679	1681	1683	rVV2	29116	24937	2.33%	0.308%
44	11.998	1683	1685	1689	rBV2	40570	40137	3.76%	0.496%
45	12.063	1694	1696	1699	rVB3	34417	34867	3.26%	0.431%
46	12.098	1699	1702	1705	rBV	139977	138061	12.92%	1.708%
47	12.280	1731	1733	1739	rVB	86051	92442	8.65%	1.143%
48	12.386	1749	1751	1754	rVB	35115	24801	2.32%	0.307%
49	12.498	1767	1770	1773	rBV2	78878	88593	8.29%	1.096%
50	12.869	1830	1833	1841	rBV2	131017	185505	17.36%	2.295%
51	13.398	1921	1923	1925	rVB3	60315	46509	4.35%	0.575%
52	13.763	1982	1985	1991	rBV3	81072	181610	16.99%	2.246%
53	13.916	2008	2011	2014	rBV	799922	686370	64.21%	8.490%
54	15.339	2249	2253	2258	rBV	537160	677234	63.36%	8.377%

Sum of corrected areas: 8084326

LSC Report - Integrated Chromatogram

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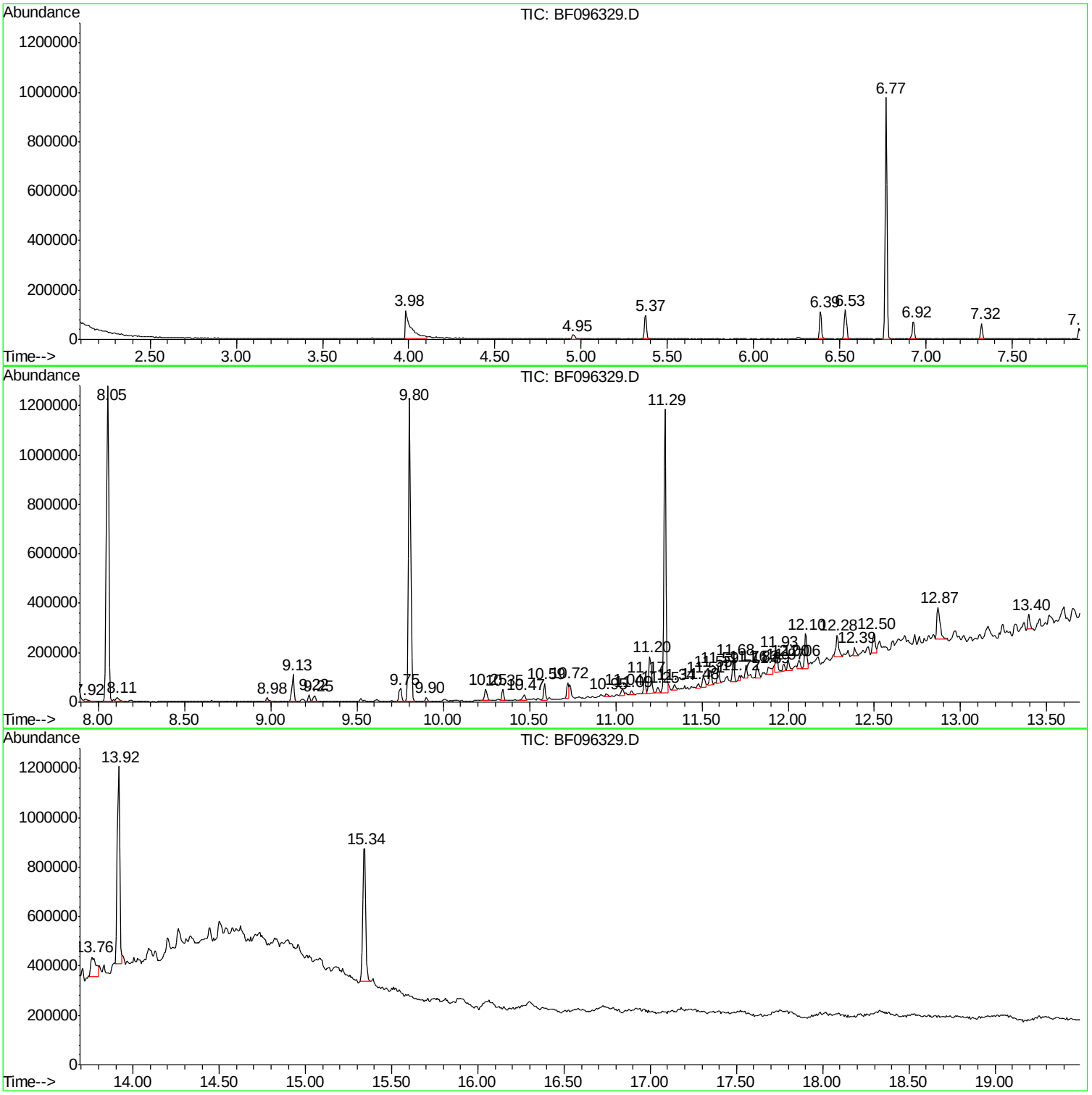
Operator : SJ/MA
Sample : I3874-03 50X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TL-DR-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.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\BF063017\
Data File : BF096329.D
Acq On : 30 Jun 2017 11:27
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Sample : I3874-03 50X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TL-DR-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

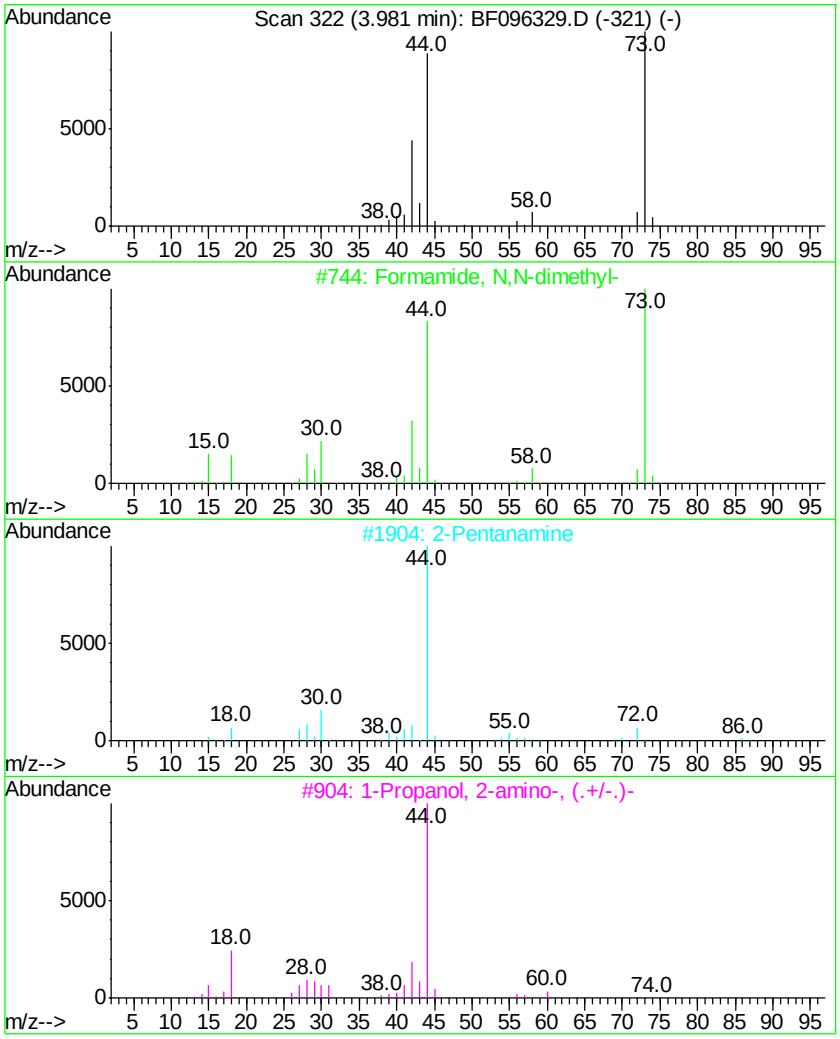
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

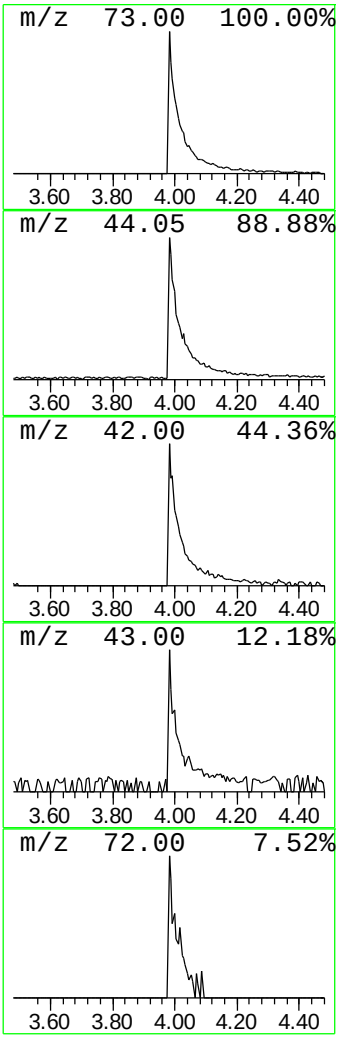
****

Peak Number 1 Formamide, N,N-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.98	7.04 ng	276241	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formamide, N,N-dimethyl-	73	C3H7NO	000068-12-2	90
2	2-Pentanamine	87	C5H13N	063493-28-7	9
3	1-Propanol, 2-amino-, (.+/-.)-	75	C3H9NO	006168-72-5	9
4	1,2-Ethanediamine, N-methyl-	74	C3H10N2	000109-81-9	7
5	N-Ethylformamide	73	C3H7NO	000627-45-2	7





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Operator : SJ/MA
Sample : I3874-03 50X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TL-DR-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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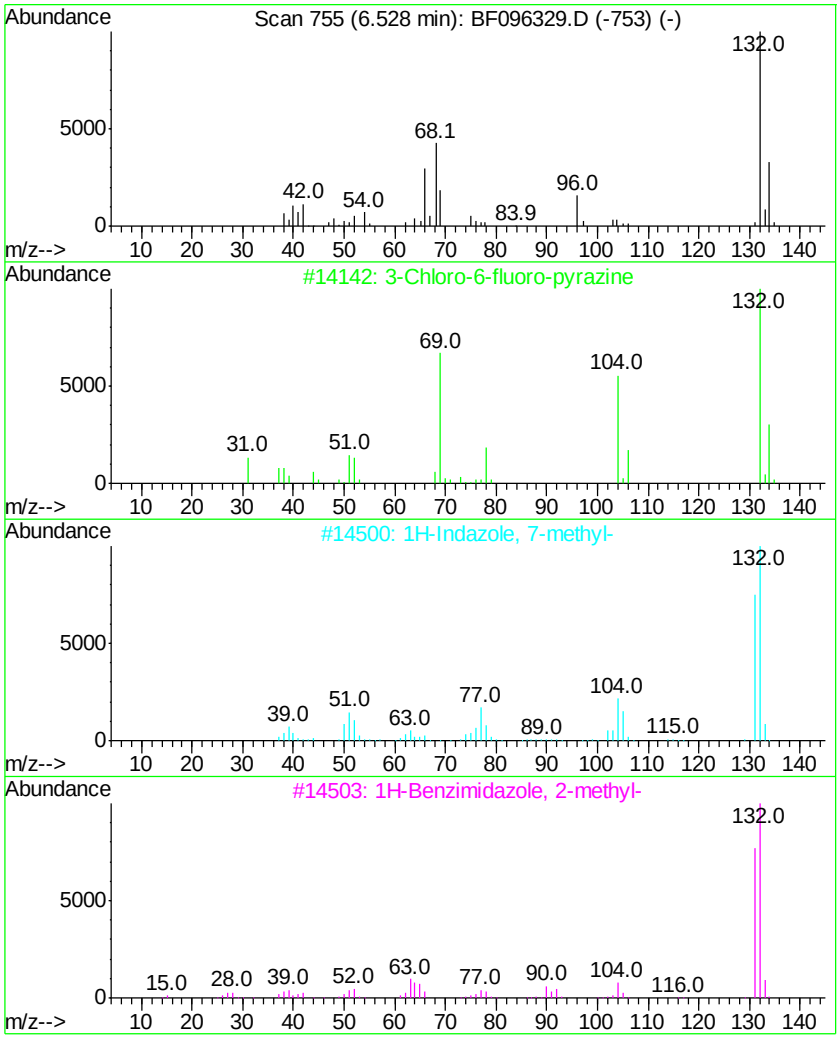
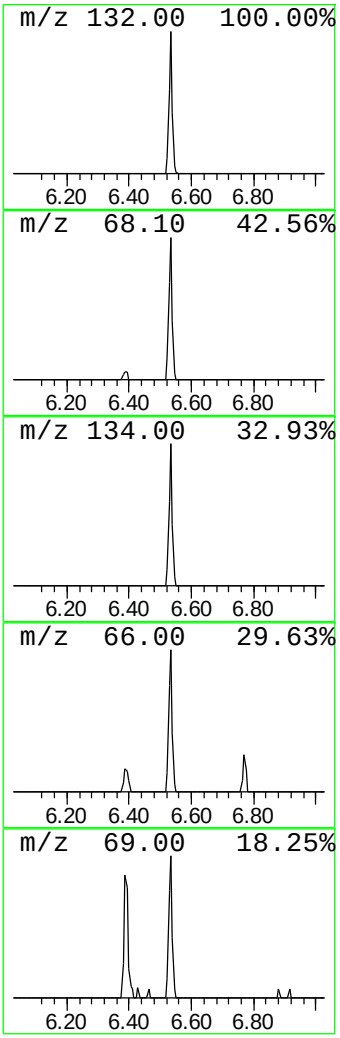
Peak Number 2 unknown6.53 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	2.34 ng	92056	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





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Misc :
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Instrument : BNA_F
ClientSampleId : TL-DR-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.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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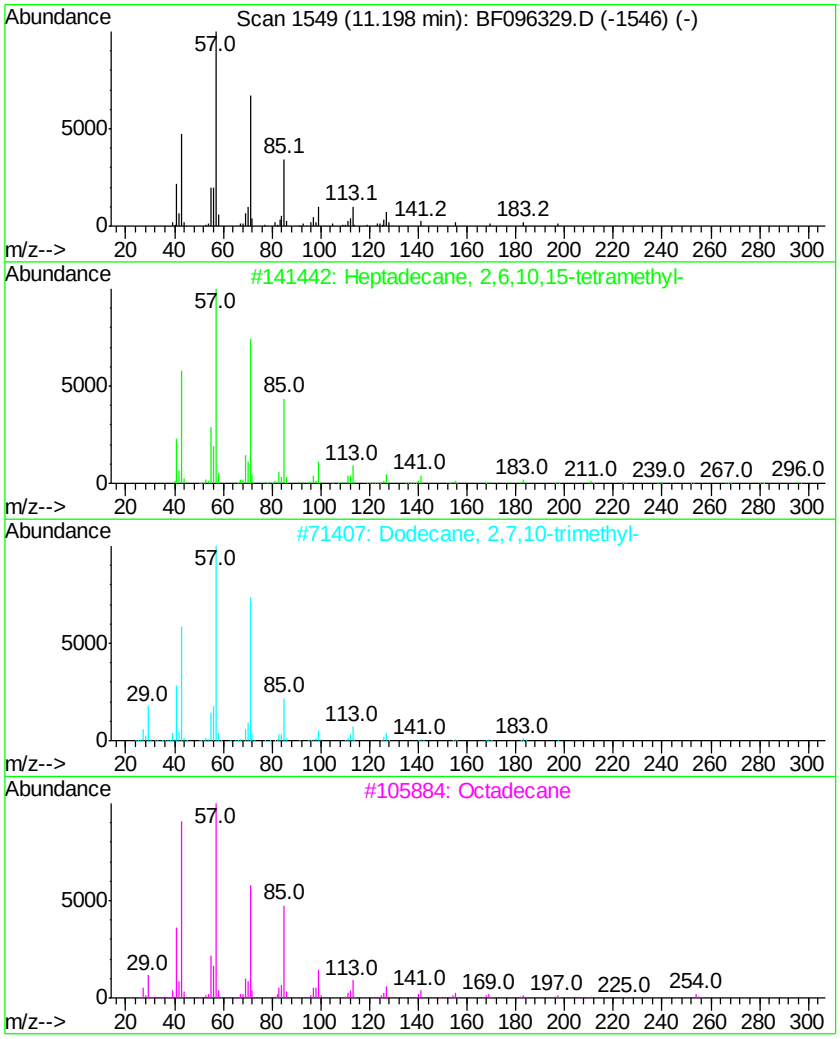
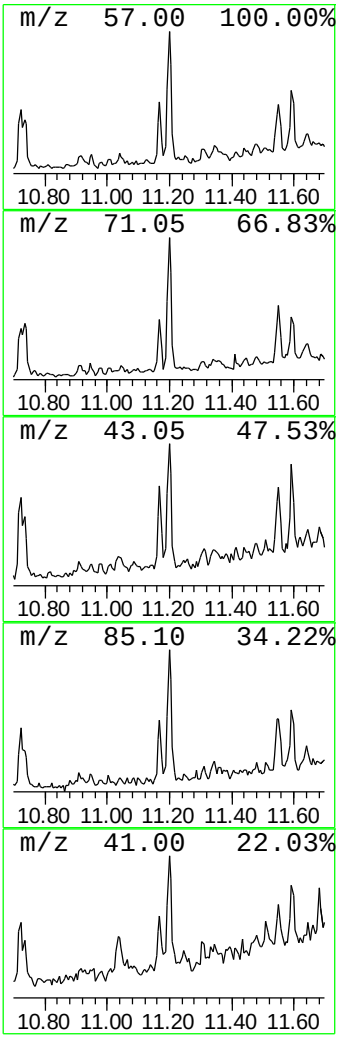
Peak Number 3 Heptadecane, 2,6,10,15-tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	2.78 ng	139523	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3	Octadecane	254	C18H38	000593-45-3	86
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
5	Heptadecane	240	C17H36	000629-78-7	78





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Instrument : BNA_F
ClientSampleId : TL-DR-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.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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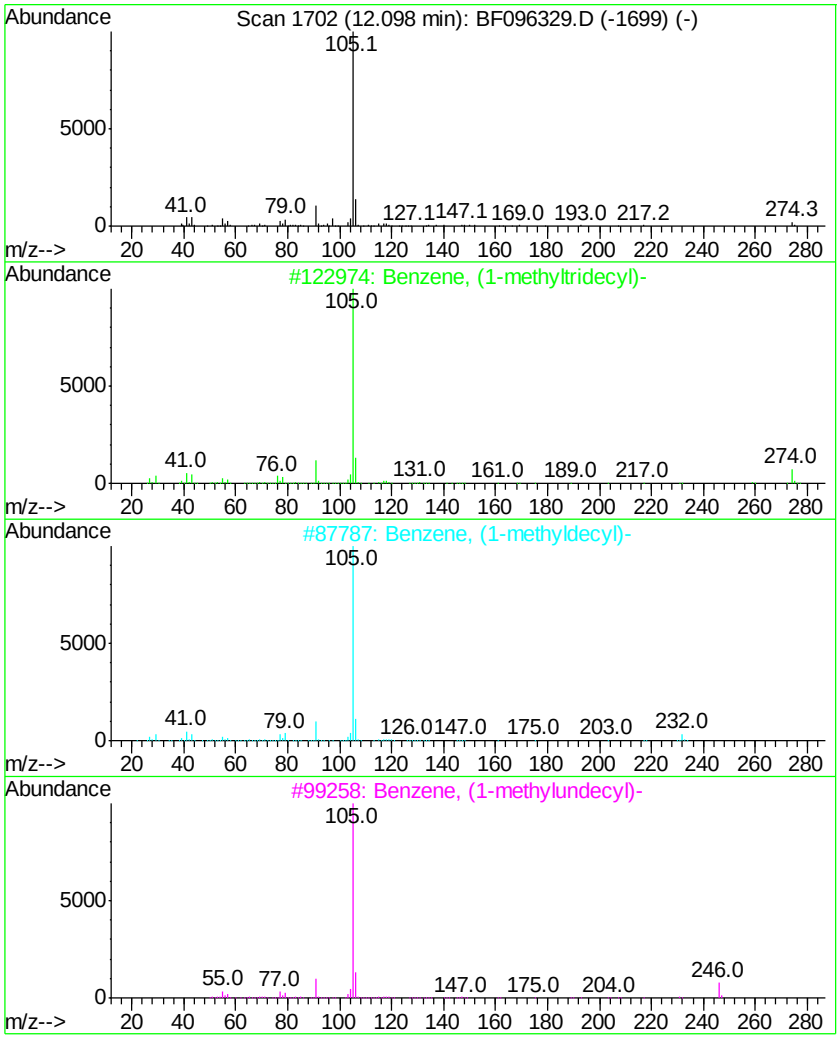
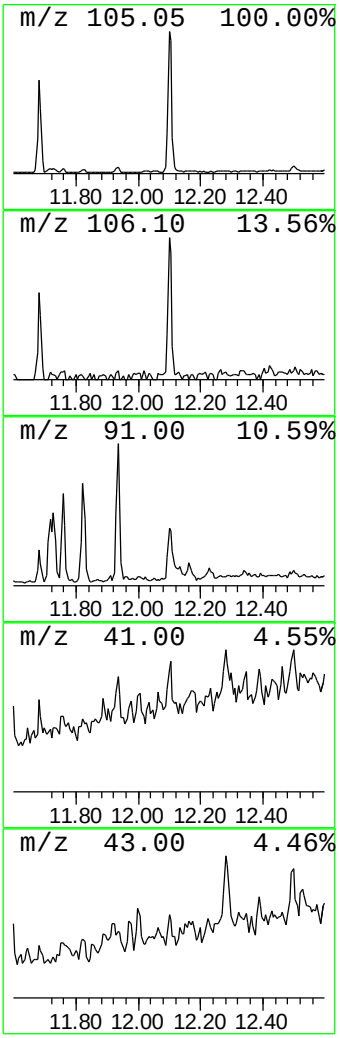
Peak Number 4 Benzene, (1-methyltridecyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	2.75 ng	138061	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyltridecyl)-	274	C20H34	004534-59-2	78
2	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	64
3	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	59
4	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	59
5	2-Methylbenzylamine, N-decyl-N-m...	275	C19H33N	1000310-39-8	47





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Instrument : BNA_F
ClientSampleId : TL-DR-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

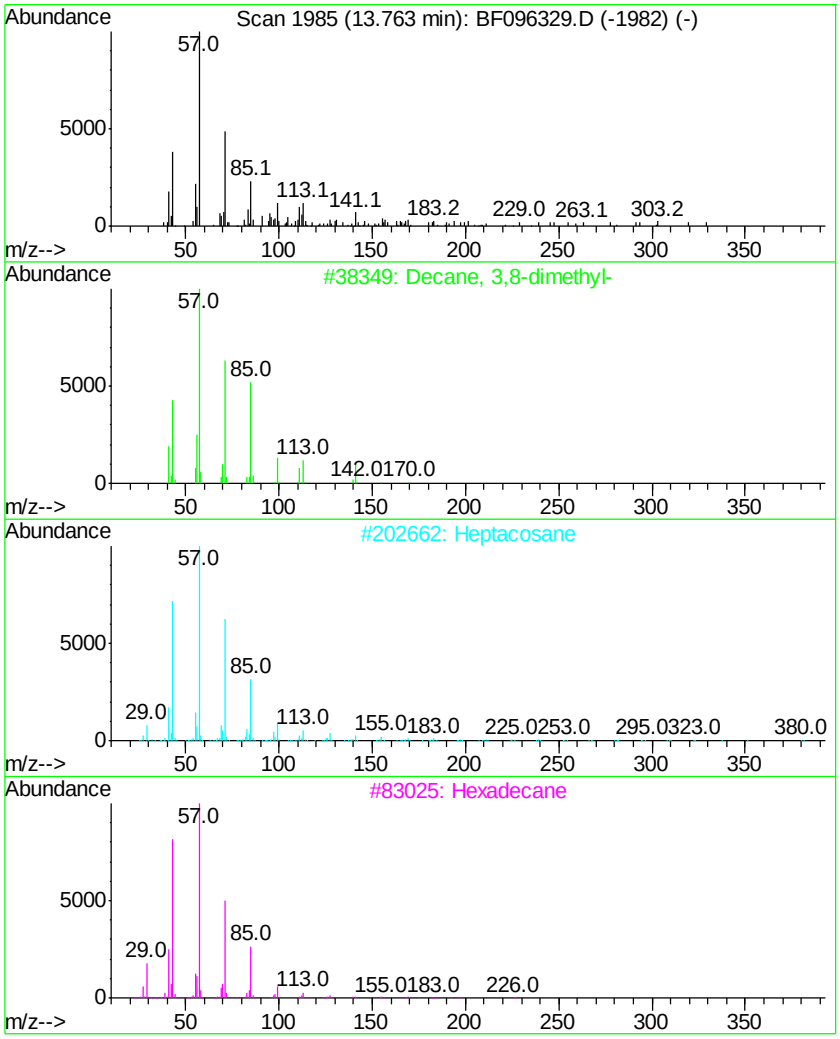
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

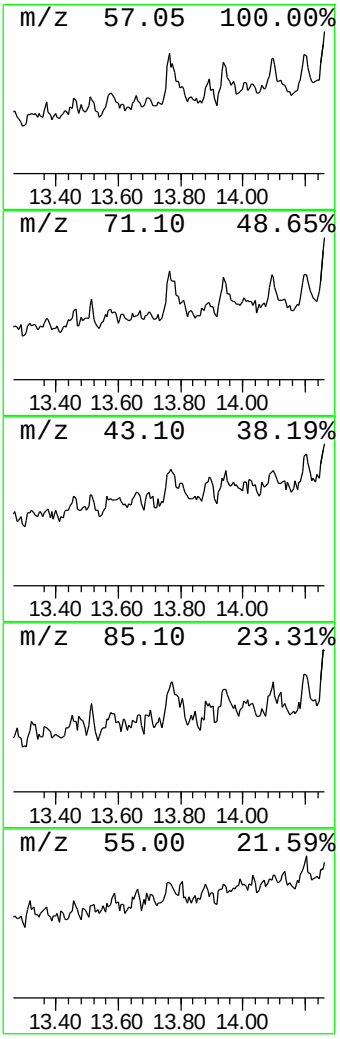
****

Peak Number 5 Decane, 3,8-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	5.29 ng	181610	Chrysene-d12	13.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
2	Heptacosane	380	C27H56	000593-49-7	64
3	Hexadecane	226	C16H34	000544-76-3	53
4	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	53
5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	50





Tentatively Identified Compound (LSC) summary

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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
Formamide, N,N-di...	3.98	7.0	ng	276241	1	6.77	785215	20.0
unknown6.53	6.53	2.3	ng	92056	1	6.77	785215	20.0
Heptadecane, 2,6,...	11.20	2.8	ng	139523	4	11.29	1005140	20.0
Benzene, (1-methy...	12.10	2.8	ng	138061	4	11.29	1005140	20.0
Decane, 3,8-dimet...	13.76	5.3	ng	181610	5	13.92	686370	20.0