LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100474.D
Acq On : 12 Nov 2017 7:29
Operator : SJ/JU
Sample : I6402-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 110717-TIDO-F-D-B

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-BF110817.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	2.216	18	22	44	rVB	115161	204255	5.05%	0.707%
2	5.122	513	516	524	rBV	237010	245938	6.09%	0.851%
3	5.516	579	583	587	rBV	1587581	1410330	34.90%	4.883%
4	6.516	749	753	757	rBV	1132319	968053	23.95%	3.352%
5	6.669	774	779	782	rBV	2614958	2343310	57.98%	8.113%
6	6.904	815	819	822	rBV	954026	847108	20.96%	2.933%
7	7.063	841	846	848	rBV	2996250	2957178	73.17%	10.238%
8	7.469	909	915	918	rVB	2287008	2529232	62.59%	8.757%
9	7.851	977	980	985	rVB	61722	52591	1.30%	0.182%
10	7.916	988	991	995	rVB	94525	77213	1.91%	0.267%
11	8.022	1006	1009	1012	rVB	230351	174004	4.31%	0.602%
12	8.181	1032	1036	1038	rBV	1154605	1064526	26.34%	3.686%
13	8.204	1038	1040	1043	rVB	583198	427754	10.58%	1.481%
14	8.892	1154	1157	1161	rBV	261970	211572	5.24%	0.733%
15	8.992	1169	1174	1178	rBV	225350	181033	4.48%	0.627%
16	9.263	1214	1220	1223	rBV	3874942	4041252	100.00%	13.992%
17	9.357	1233	1236	1241	rVB	119491	90375	2.24%	0.313%
18	9.516	1259	1263	1268	rVB	51860	68555	1.70%	0.237%
19	9.592	1271	1276	1279	rBV	81256	80025	1.98%	0.277%
20	9.645	1283	1285	1289	rVB	96113	70595	1.75%	0.244%
21	9.939	1328	1335	1338	rBV	1147041	1089749	26.97%	3.773%
22	9.969	1338	1340	1344	rVB	691338	536821	13.28%	1.859%
23	10.139	1365	1369	1373	rBV	340893	287740	7.12%	0.996%
24	10.486	1424	1428	1432	rBV	448751	393592	9.74%	1.363%
25	10.569	1440	1442	1445	rVB	54205	44773	1.11%	0.155%
26	10.604	1445	1448	1452	rBV2	87791	86599	2.14%	0.300%
27	10.645	1452	1455	1460	rVB2	94539	97515	2.41%	0.338%
28	10.722	1464	1468	1475	rBV	1380480	1389123	34.37%	4.809%
29	11.322	1565	1570	1576	rVB	69529	59740	1.48%	0.207%
30	11.422	1584	1587	1590	rBV	881377	932560	23.08%	3.229%
31	11.451	1590	1592	1595	rVV	889569	688077	17.03%	2.382%
32	11.498	1595	1600	1603	rVB	113667	101036	2.50%	0.350%
33	11.651	1620	1626	1633	rBV	85462	74391	1.84%	0.258%
34	11.922	1666	1672	1675	rBV	42396	47493	1.18%	0.164%

LSC Area Percent Report

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Instrument : BNA_F
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Integrator: RTE
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Sampling : 1 Min Area: 3 % of largest Peak
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.951	1675	1677	1680	rVB	63893	49588	1.23%	0.172%
36	12.039	1688	1692	1694	rBV2	95013	86147	2.13%	0.298%
37	12.633	1790	1793	1797	rBV	267118	231668	5.73%	0.802%
38	12.822	1822	1825	1827	rBV	92924	65994	1.63%	0.228%
39	12.863	1827	1832	1836	rVB	149897	161930	4.01%	0.561%
40	13.010	1852	1857	1860	rBV	3056229	2986566	73.90%	10.340%
41	13.527	1942	1945	1948	rBV	58733	44924	1.11%	0.156%
42	14.063	2032	2036	2045	rVB	935423	817670	20.23%	2.831%
43	15.545	2283	2288	2299	rBV	409296	564623	13.97%	1.955%

Sum of corrected areas: 28883218

LSC Report - Integrated Chromatogram

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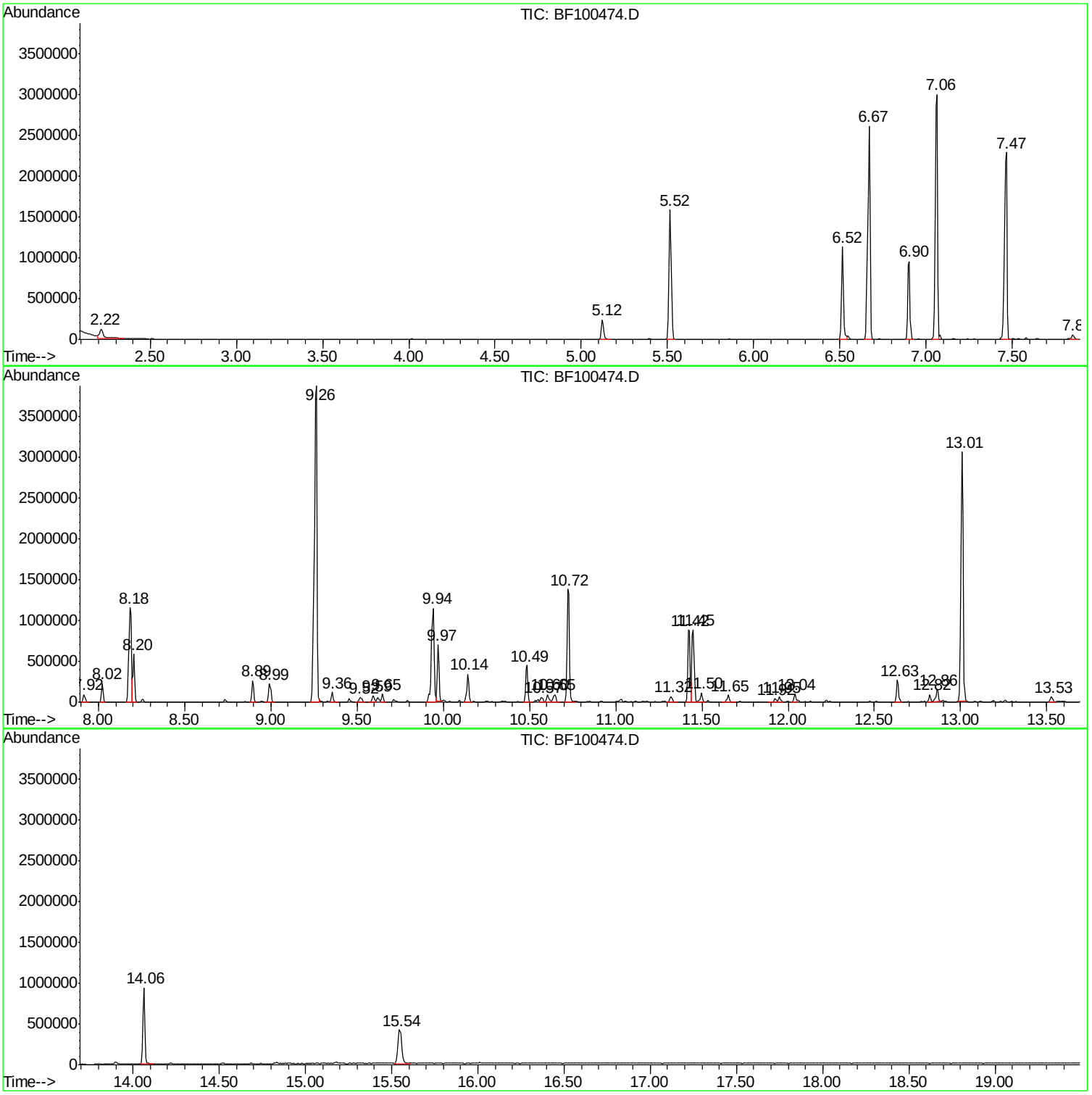
Operator : SJ/JU
Sample : I6402-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 110717-TIDO-F-D-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
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Acq On : 12 Nov 2017 7:29
Operator : SJ/JU
Sample : I6402-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 110717-TIDO-F-D-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

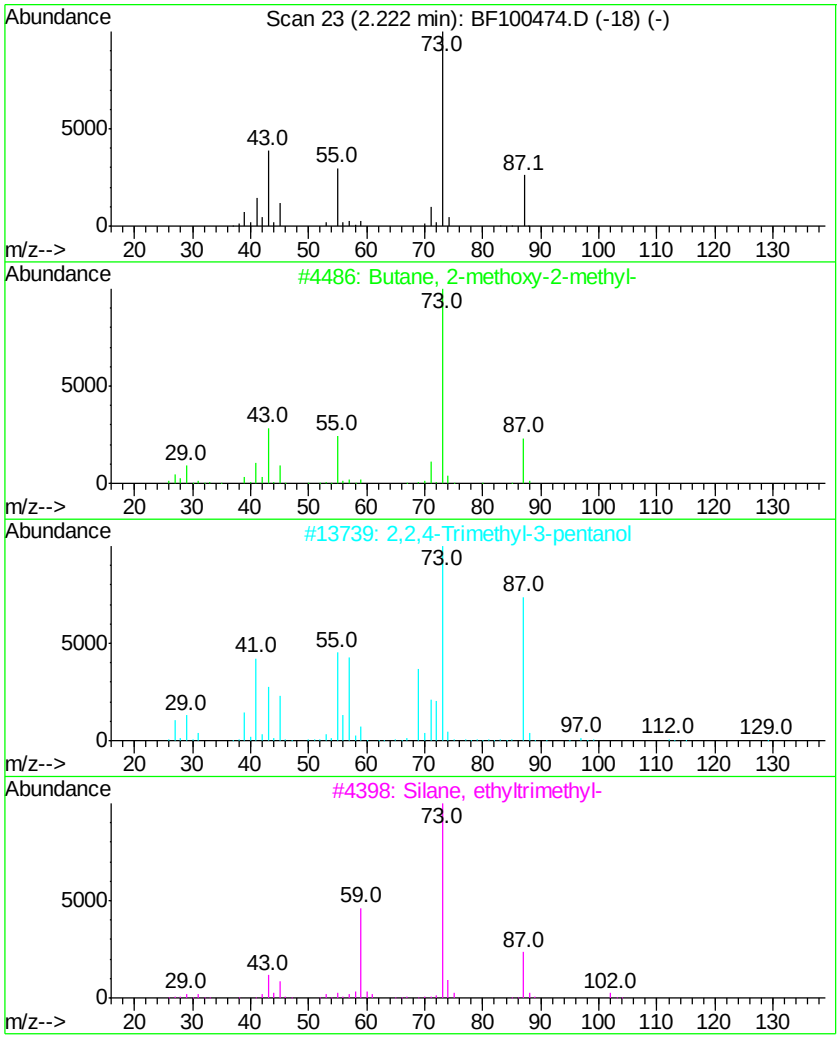
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

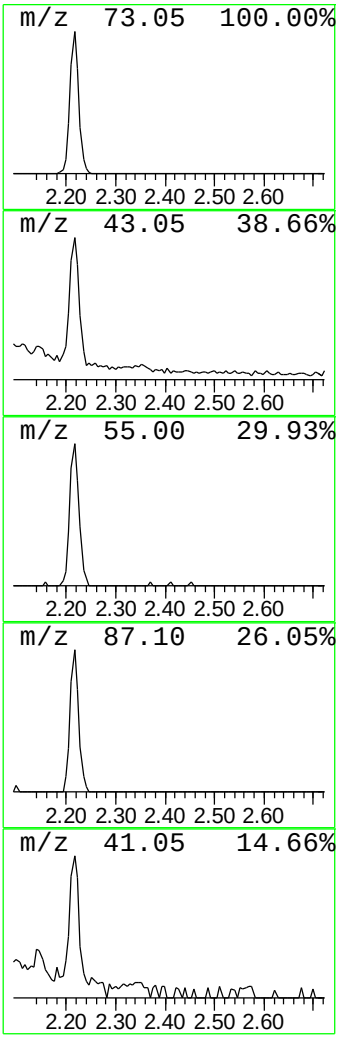
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.22	4.82 ng	204255	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : 110717-TIDO-F-D-B

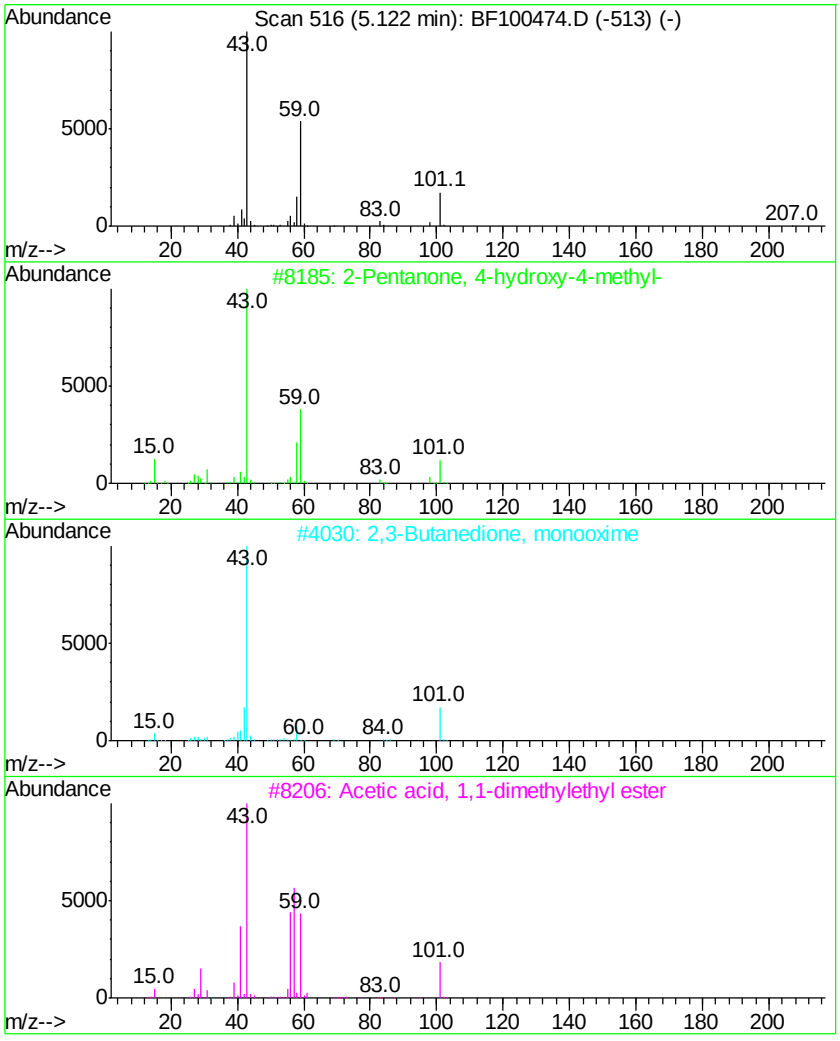
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

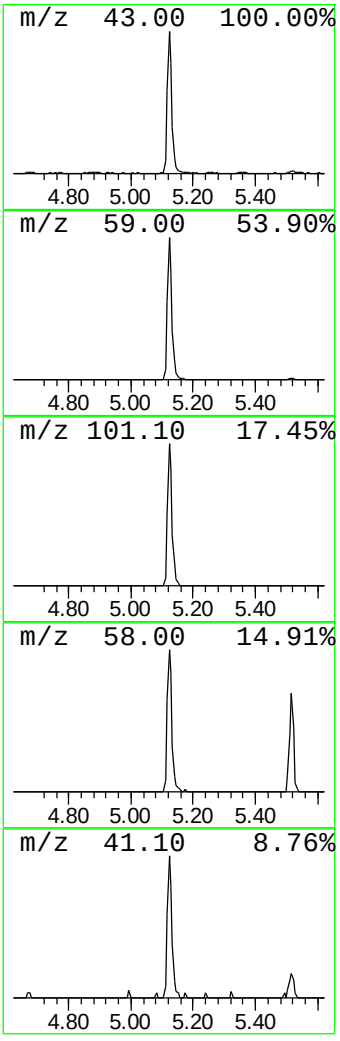
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	5.81 ng	245938	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
4	1,2-Butanediol	90	C4H10O2	000584-03-2	9
5	Butanamide, 2-hydroxy-2,N-dimethyl-	117	C5H11NO2	039961-72-3	9





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
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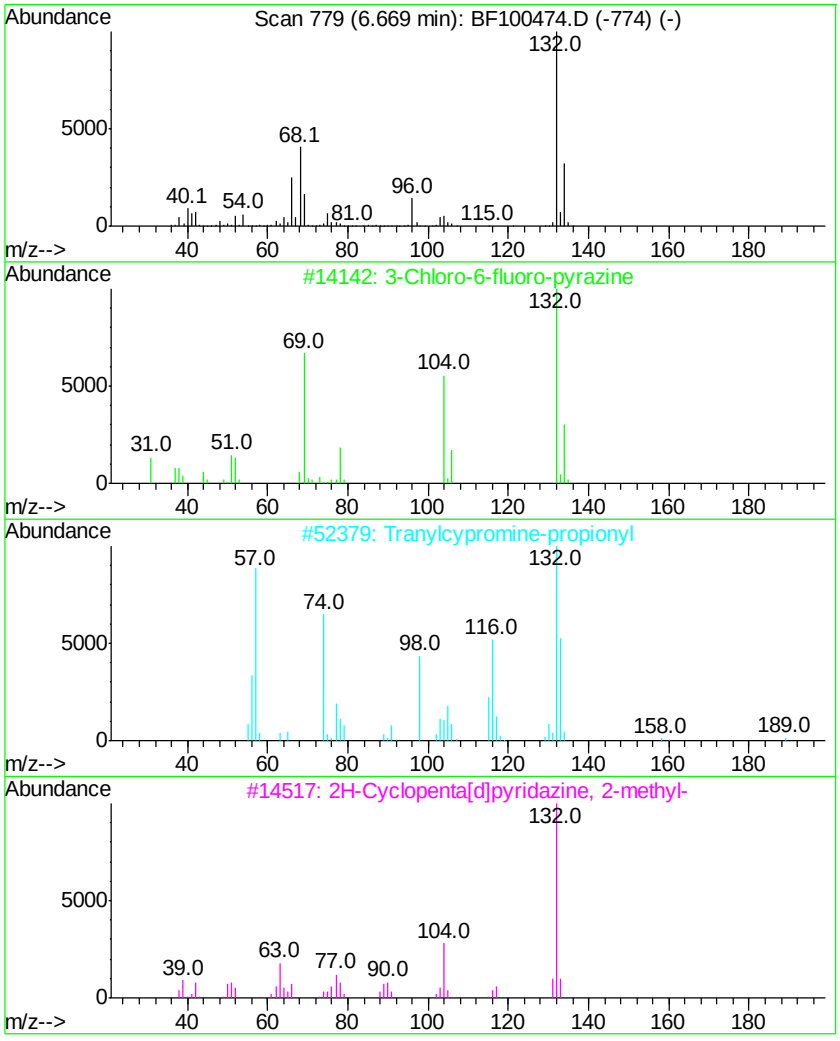
TIC Integration Parameters: LSCINT.P

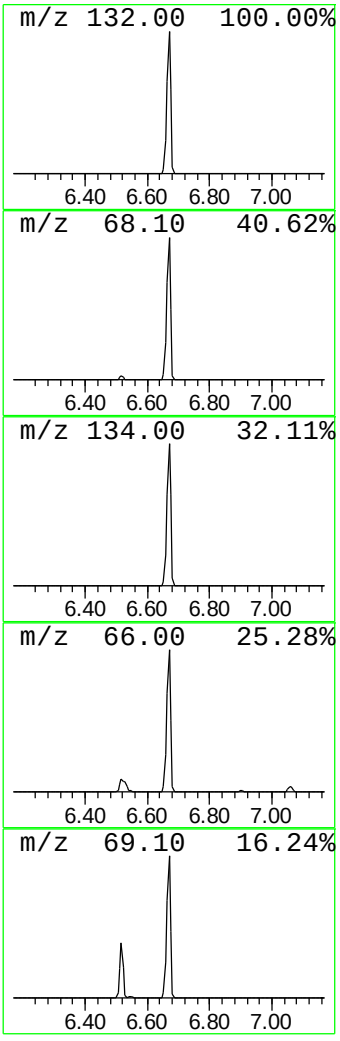
****

Peak Number 3 unknown6.67 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	55.32 ng	2343310	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





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Instrument : BNA_F
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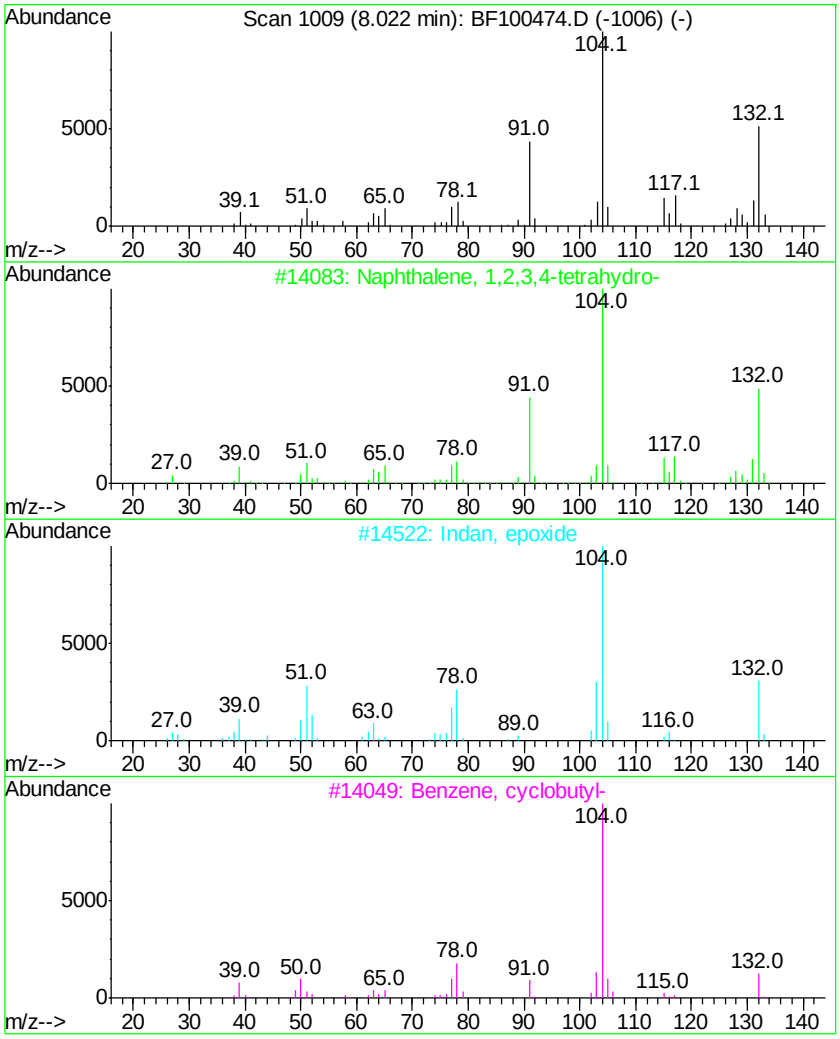
TIC Integration Parameters: LSCINT.P

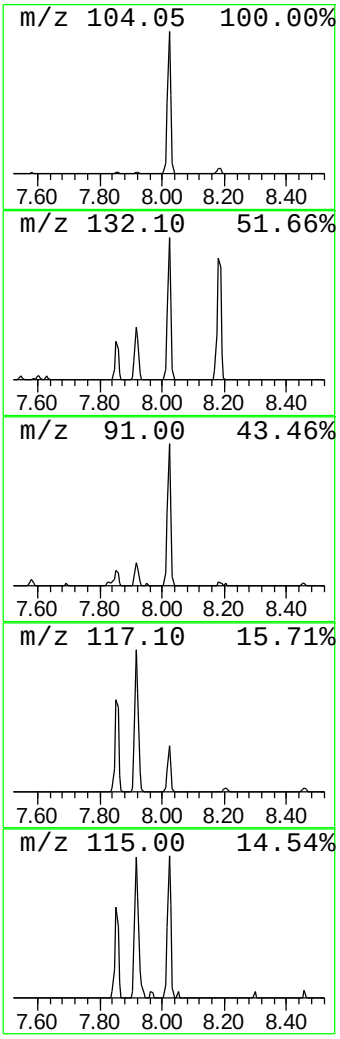
****

Peak Number 5 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	3.27 ng	174004	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	97
2	Indan, epoxide	132	C9H8O	000768-22-9	70
3	Benzene, cyclobutyl-	132	C10H12	004392-30-7	53
4	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	53
5	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	020071-09-4	38





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.22	4.8	ng	204255	1	6.90	847108	20.0
2-Pentanone, 4-hy...	5.12	5.8	ng	245938	1	6.90	847108	20.0
unknown6.67	6.67	55.3	ng	2343310	1	6.90	847108	20.0
Naphthalene, 1,2,...	8.02	3.3	ng	174004	2	8.18	1064530	20.0