LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
Data File : BF077494.D
Acq On : 27 Feb 2015 6:54
Operator : TP/IZ
Sample : G1385-16
Misc : S
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-16-D11

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: CENTROID

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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	1.424	45	47	50	rBV	2766346	3089297	100.00%	11.279%
2	1.561	56	59	62	rBV	102744	193152	6.25%	0.705%
3	1.687	67	70	73	rVV	20062	38761	1.25%	0.142%
4	1.733	73	74	80	rVB	45005	63520	2.06%	0.232%
5	1.847	80	84	89	rBV2	78525	185650	6.01%	0.678%
6	1.927	89	91	93	rVB	29116	41237	1.33%	0.151%
7	2.053	98	102	104	rBV	71388	124393	4.03%	0.454%
8	2.544	139	145	149	rVB	134137	259381	8.40%	0.947%
9	2.899	169	176	179	rBV2	34821	86577	2.80%	0.316%
10	3.070	187	191	195	rBV2	25044	55310	1.79%	0.202%
11	3.516	225	230	236	rBV2	78066	205519	6.65%	0.750%
12	3.630	236	240	243	rVV3	32854	68488	2.22%	0.250%
13	3.699	243	246	250	rVB	49303	102928	3.33%	0.376%
14	3.893	257	263	266	rBV2	91214	169706	5.49%	0.620%
15	3.962	266	269	272	rVB	39071	65460	2.12%	0.239%
16	4.087	276	280	283	rBV2	29160	58954	1.91%	0.215%
17	4.156	283	286	289	rBV	35406	67626	2.19%	0.247%
18	4.316	297	300	304	rBV2	236020	419720	13.59%	1.532%
19	4.464	310	313	318	rBV2	48109	91083	2.95%	0.333%
20	4.773	337	340	342	rBV2	21994	35662	1.15%	0.130%
21	4.807	342	343	346	rVV2	20181	39530	1.28%	0.144%
22	4.864	346	348	350	rVB	67005	94612	3.06%	0.345%
23	4.922	350	353	355	rBV4	31187	80300	2.60%	0.293%
24	4.967	355	357	361	rVB2	134651	223018	7.22%	0.814%
25	5.047	361	364	367	rBV2	230161	335850	10.87%	1.226%
26	5.207	374	378	383	rVB3	34550	71546	2.32%	0.261%
27	5.299	383	386	388	rBV	99767	133020	4.31%	0.486%
28	5.379	391	393	395	rVV	90889	110489	3.58%	0.403%
29	5.413	395	396	397	rVV	57296	52264	1.69%	0.191%
30	5.447	397	399	402	rVB	76137	92448	2.99%	0.338%
31	5.516	402	405	406	rBV	228173	313126	10.14%	1.143%
32	5.562	406	409	412	rVB	940368	1176705	38.09%	4.296%
33	5.642	413	416	420	rBV3	36157	58334	1.89%	0.213%
34	5.745	423	425	427	rBV	60761	98378	3.18%	0.359%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
Data File : BF077494.D
Acq On : 27 Feb 2015 6:54
Operator : TP/IZ
Sample : G1385-16
Misc : S
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-16-D11

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: CENTROID

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	5.802	427	430	432	rVB	81933	96587	3.13%	0.353%
36	5.847	432	434	438	rVB4	50804	121768	3.94%	0.445%
37	5.939	438	442	445	rVB	66610	103701	3.36%	0.379%
38	6.065	449	453	455	rVB2	65488	111331	3.60%	0.406%
39	6.122	455	458	460	rBV2	20298	45139	1.46%	0.165%
40	6.225	464	467	471	rBV2	120533	241175	7.81%	0.880%
41	6.305	471	474	476	rBV2	23934	42739	1.38%	0.156%
42	6.350	476	478	482	rVB2	195620	276028	8.93%	1.008%
43	6.419	482	484	486	rBV	92179	118836	3.85%	0.434%
44	6.465	486	488	491	rVB3	16973	33905	1.10%	0.124%
45	6.602	494	500	502	rBV2	82393	199434	6.46%	0.728%
46	6.693	502	508	510	rBV2	297038	482335	15.61%	1.761%
47	6.728	510	511	514	rVB	166284	145845	4.72%	0.532%
48	6.785	514	516	518	rBV	227573	243303	7.88%	0.888%
49	6.830	518	520	522	rBV	1033336	1046581	33.88%	3.821%
50	6.888	522	525	528	rVB	133725	167144	5.41%	0.610%
51	6.979	531	533	536	rVB	1115601	1069537	34.62%	3.905%
52	7.059	538	540	542	rBV	574642	542036	17.55%	1.979%
53	7.219	551	554	556	rBV3	43188	80593	2.61%	0.294%
54	7.276	556	559	560	rVV	301189	419684	13.59%	1.532%
55	7.310	560	562	563	rVV2	82379	103311	3.34%	0.377%
56	7.345	563	565	566	rVV	160057	168014	5.44%	0.613%
57	7.368	566	567	572	rVB5	28707	36259	1.17%	0.132%
58	7.459	572	575	577	rBV	885359	891307	28.85%	3.254%
59	7.493	577	578	580	rVB2	53728	53435	1.73%	0.195%
60	7.585	580	586	588	rBV3	53505	108861	3.52%	0.397%
61	7.619	588	589	592	rVB2	112653	108999	3.53%	0.398%
62	7.676	592	594	595	rBV2	155139	192517	6.23%	0.703%
63	7.710	595	597	599	rVB	53598	69695	2.26%	0.254%
64	7.756	599	601	605	rBV3	74003	140533	4.55%	0.513%
65	7.848	608	609	611	rBV	60973	72033	2.33%	0.263%
66	7.882	611	612	613	rVB	59455	40786	1.32%	0.149%
67	7.962	613	619	621	rBV2	700660	839703	27.18%	3.066%
68	8.076	626	629	631	rVB4	52870	78237	2.53%	0.286%
69	8.122	631	633	635	rBV2	39896	54678	1.77%	0.200%
70	8.168	635	637	638	rVB	33311	36273	1.17%	0.132%
71	8.225	638	642	643	rBV	92430	91688	2.97%	0.335%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
Data File : BF077494.D
Acq On : 27 Feb 2015 6:54
Operator : TP/IZ
Sample : G1385-16
Misc : S
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-16-D11

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: CENTROID

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	8.259	643	645	647	rVB	148676	131467	4.26%	0.480%
73	8.396	654	657	659	rVV4	49794	99407	3.22%	0.363%
74	8.442	659	661	663	rVV3	57652	86074	2.79%	0.314%
75	8.533	666	669	671	rVV2	233283	275179	8.91%	1.005%
76	8.579	671	673	676	rVV3	81430	125141	4.05%	0.457%
77	8.625	676	677	682	rVB4	44767	80994	2.62%	0.296%
78	8.842	694	696	701	rBV2	629238	843974	27.32%	3.081%
79	8.911	701	702	704	rVB	39649	34942	1.13%	0.128%
80	8.956	704	706	710	rBV	57704	66327	2.15%	0.242%
81	9.082	715	717	722	rVB5	15856	39006	1.26%	0.142%
82	9.402	742	745	746	rBV2	41128	46549	1.51%	0.170%
83	9.493	749	753	755	rVB2	17172	41124	1.33%	0.150%
84	9.619	762	764	765	rBV	62258	66402	2.15%	0.242%
85	9.734	771	774	776	rVB	98527	103723	3.36%	0.379%
86	9.848	782	784	786	rVB	52312	52786	1.71%	0.193%
87	10.191	812	814	816	rBV	1749312	1462251	47.33%	5.338%
88	10.694	856	858	862	rBV	78059	88236	2.86%	0.322%
89	11.025	884	887	889	rVB	679243	762603	24.69%	2.784%
90	11.917	963	965	968	rVB	25554	34994	1.13%	0.128%
91	11.997	970	972	975	rBV	807664	851850	27.57%	3.110%
92	12.191	988	989	995	rVB2	17228	37570	1.22%	0.137%
93	12.865	1045	1048	1051	rBV	876127	812877	26.31%	2.968%
94	14.865	1220	1223	1225	rBV	1673124	1790572	57.96%	6.537%
95	15.986	1315	1321	1323	rBV5	34193	87535	2.83%	0.320%
96	16.043	1323	1326	1334	rVV3	145801	388314	12.57%	1.418%
97	16.168	1334	1337	1339	rVB	841226	964793	31.23%	3.522%
98	16.431	1358	1360	1362	rBV	24922	57006	1.85%	0.208%
99	16.877	1397	1399	1401	rBV2	30134	37222	1.20%	0.136%
100	17.951	1490	1493	1496	rVB	801480	945746	30.61%	3.453%

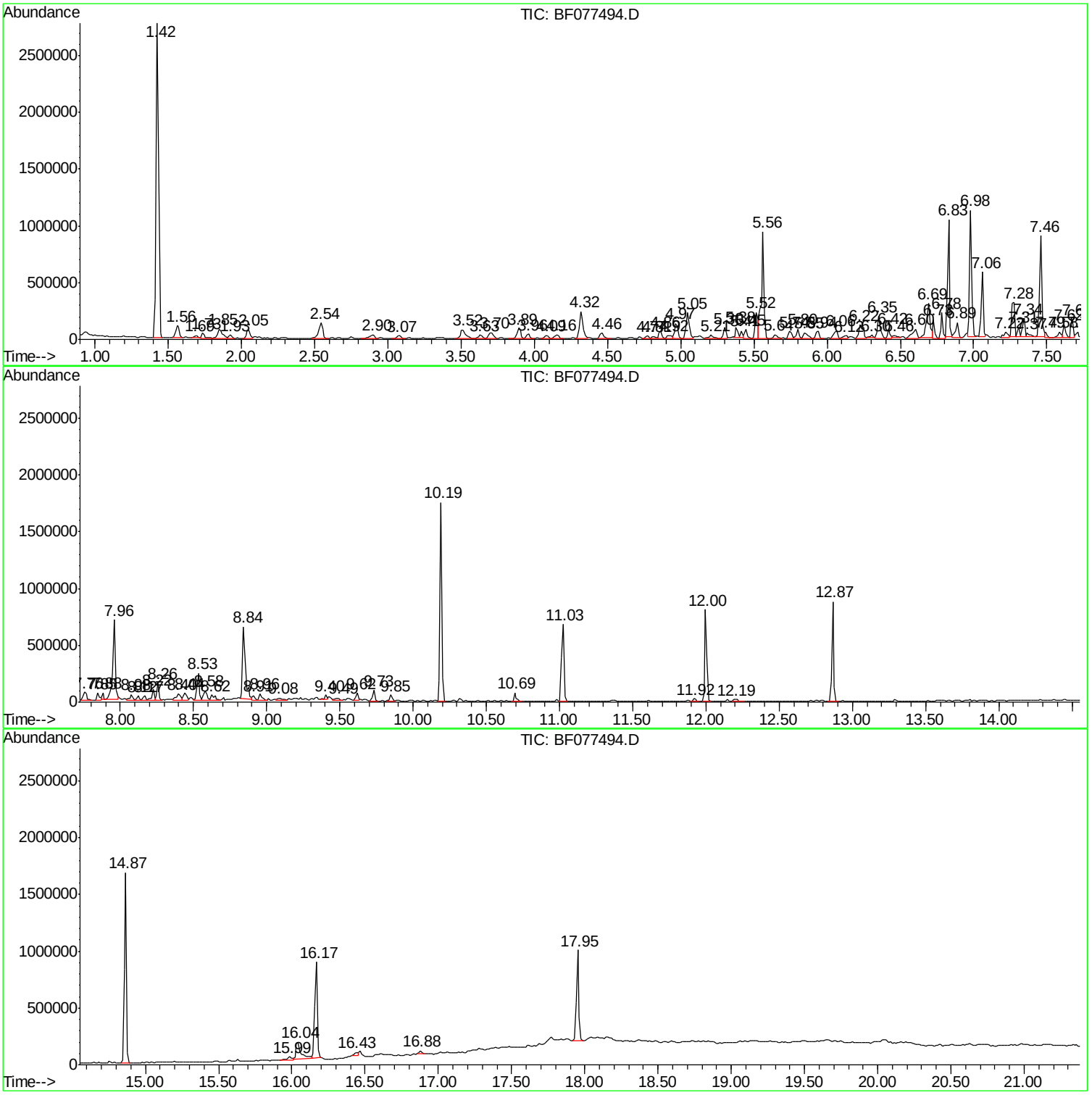
Sum of corrected areas: 27390738

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
Data File : BF077494.D
Acq On : 27 Feb 2015 6:54
Operator : TP/IZ
Sample : G1385-16
Misc : S
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-16-D11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
Data File : BF077494.D
Acq On : 27 Feb 2015 6:54
Operator : TP/IZ
Sample : G1385-16
Misc : S
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-16-D11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

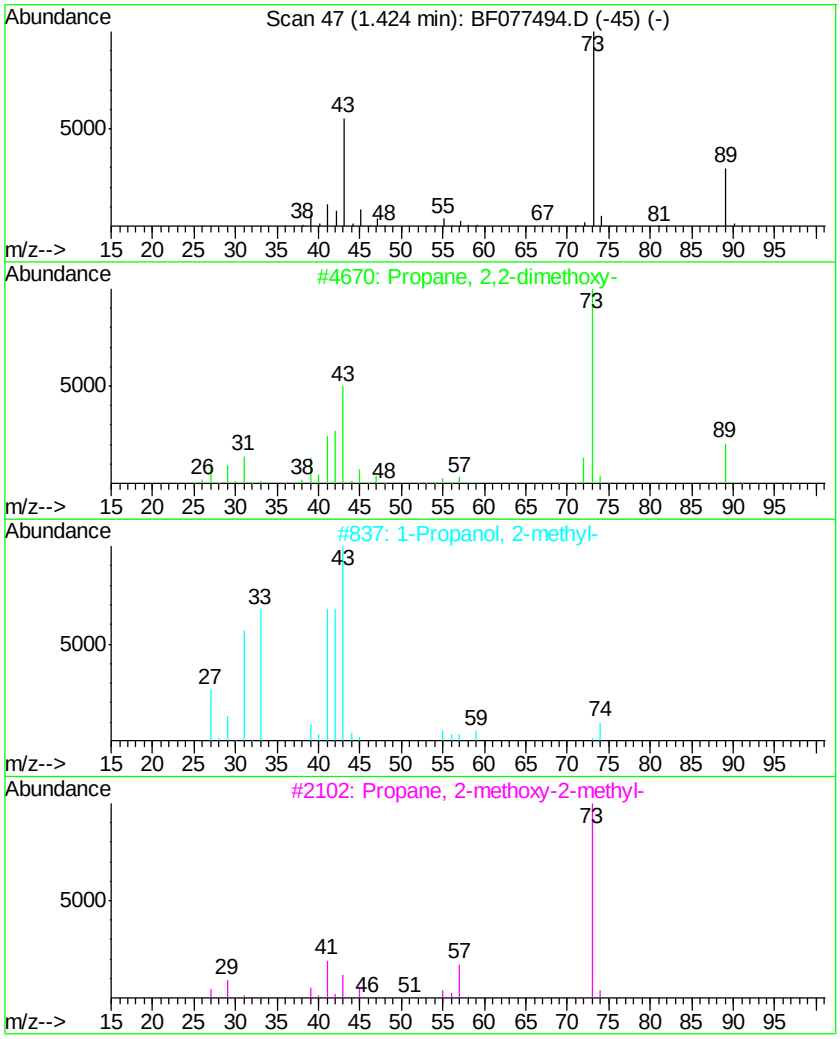
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

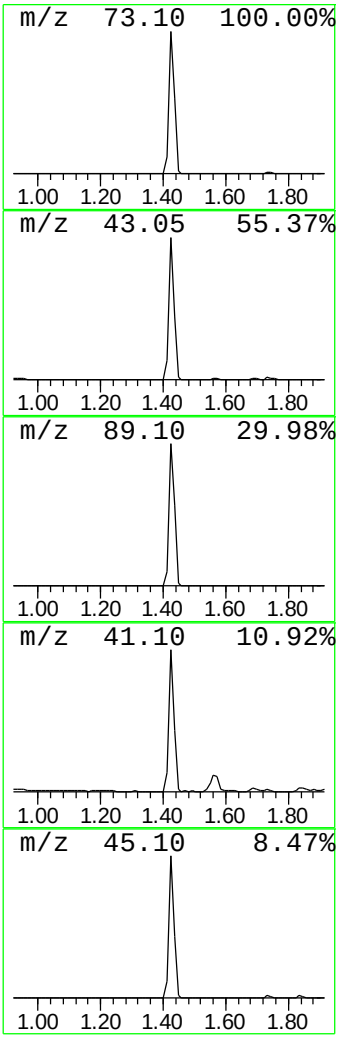
****

Peak Number 1 unknown1.42 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.42	147.22 ng	3089300	1,4-Dichlorobenzene-d4	7.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
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	2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
Data File : BF077494.D
Acq On : 27 Feb 2015 6:54
Operator : TP/IZ
Sample : G1385-16
Misc : S
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-16-D11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

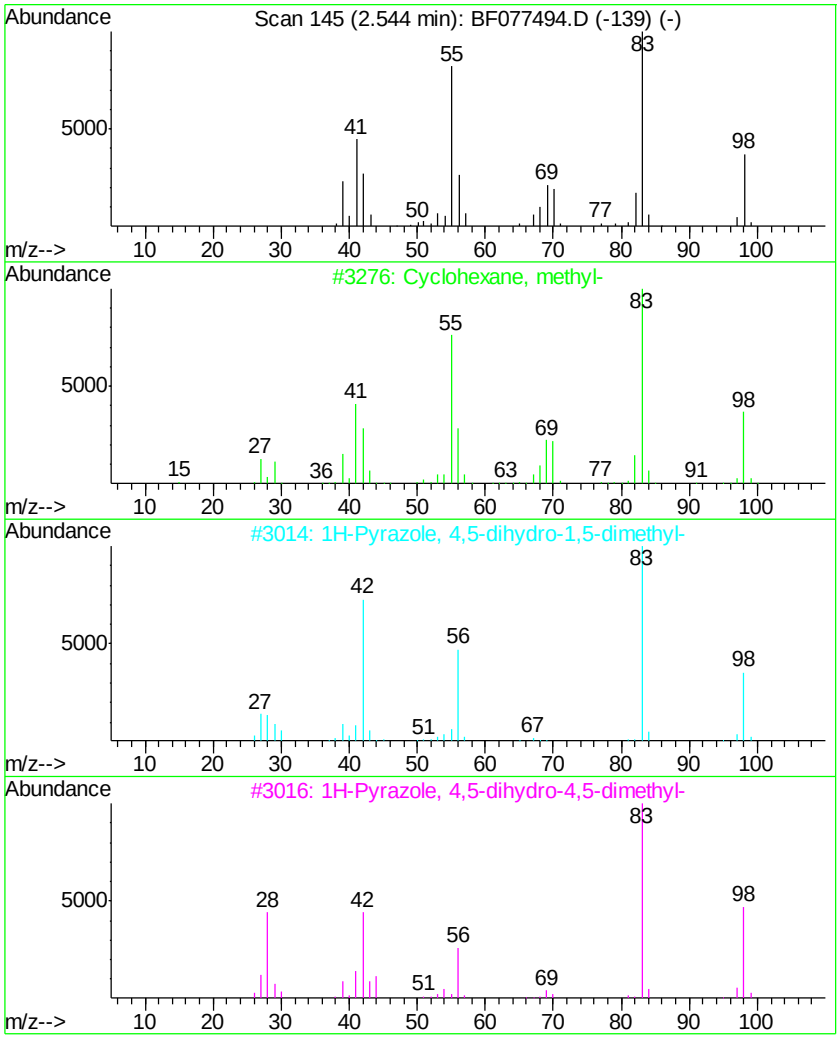
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

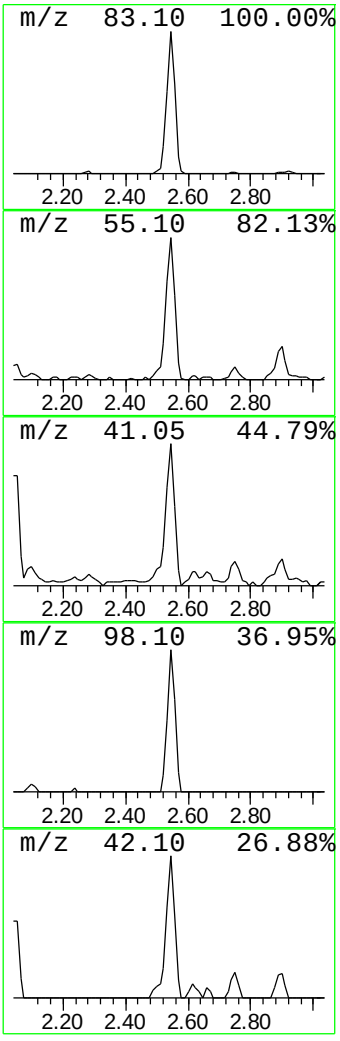
****

Peak Number 4 Cyclohexane, methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.54	12.36 ng	259381	1,4-Dichlorobenzene-d4	7.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	95
2	1H-Pyrazole, 4,5-dihydro-1,5-dim...	98	C5H10N2	005775-96-2	64
3	1H-Pyrazole, 4,5-dihydro-4,5-dim...	98	C5H10N2	028019-94-5	59
4	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	58
5	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	58





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
Data File : BF077494.D
Acq On : 27 Feb 2015 6:54
Operator : TP/IZ
Sample : G1385-16
Misc : S
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-16-D11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

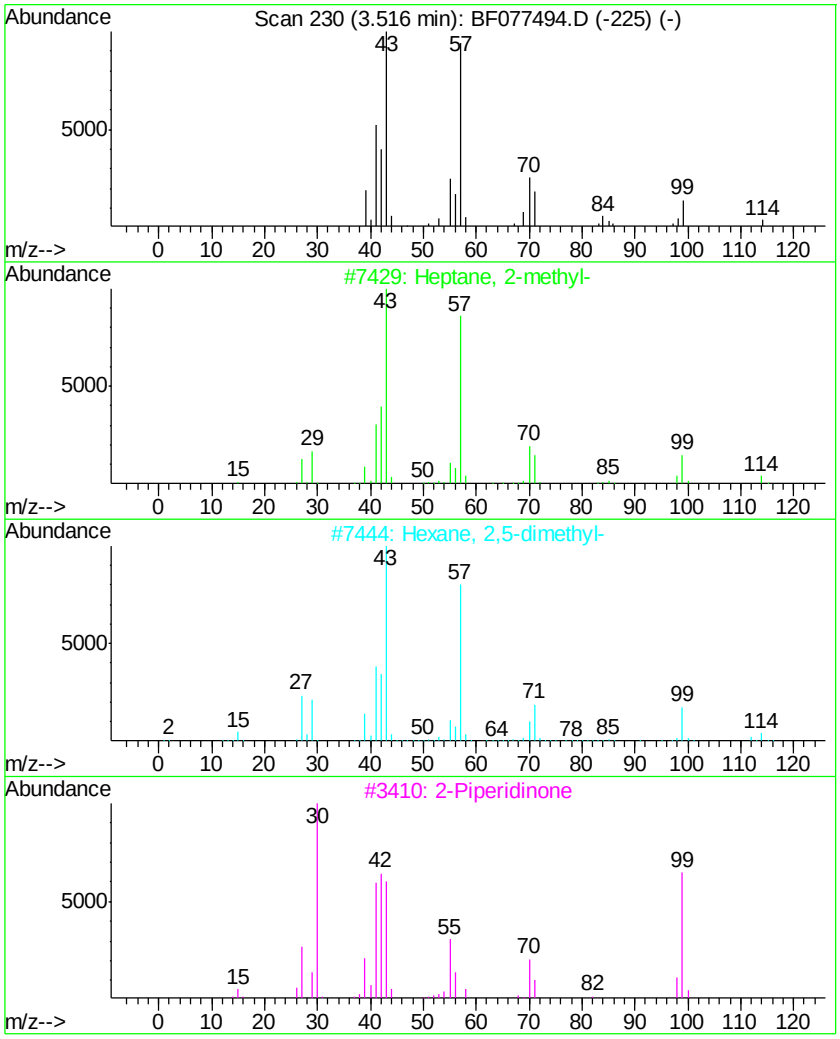
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

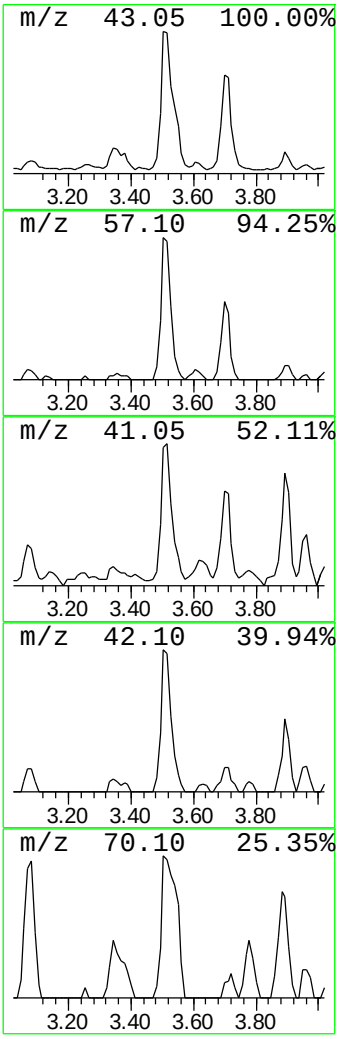
****

Peak Number 5 Heptane, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.52	9.79 ng	205519	1,4-Dichlorobenzene-d4	7.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	90
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	72
3	2-Piperidinone	99	C5H9NO	000675-20-7	52
4	Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	43
5	Hexane, 4-ethyl-2-methyl-	128	C9H20	003074-75-7	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
Data File : BF077494.D
Acq On : 27 Feb 2015 6:54
Operator : TP/IZ
Sample : G1385-16
Misc : S
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-16-D11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

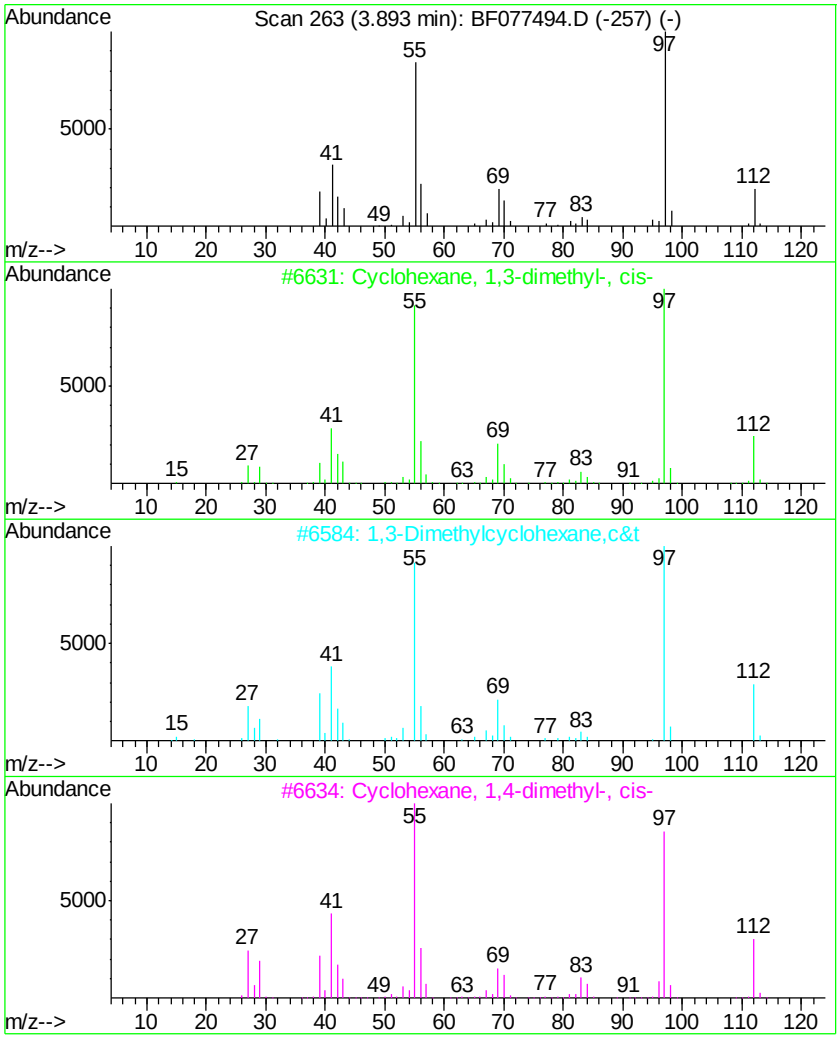
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

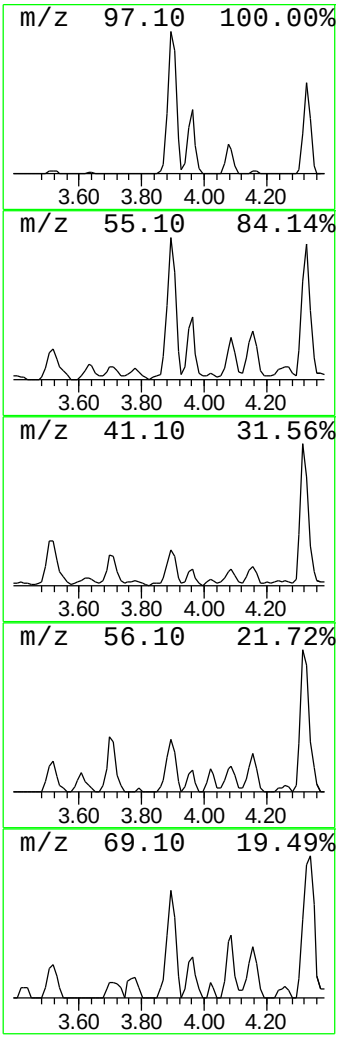
****

Peak Number 6 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.89	8.09 ng	169706	1,4-Dichlorobenzene-d4	7.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	91
2	1,3-Dimethylcyclohexane,c&t	112	C8H16	000591-21-9	91
3	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	90
4	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	86
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	70





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
Data File : BF077494.D
Acq On : 27 Feb 2015 6:54
Operator : TP/IZ
Sample : G1385-16
Misc : S
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-16-D11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

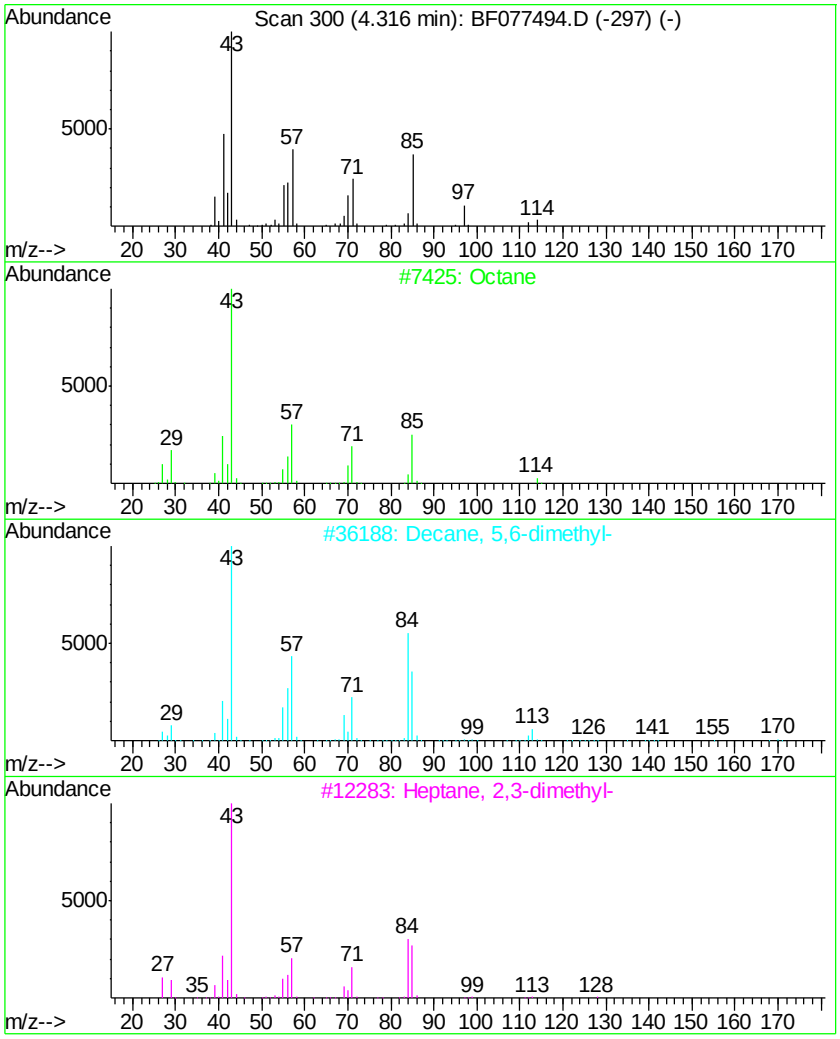
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

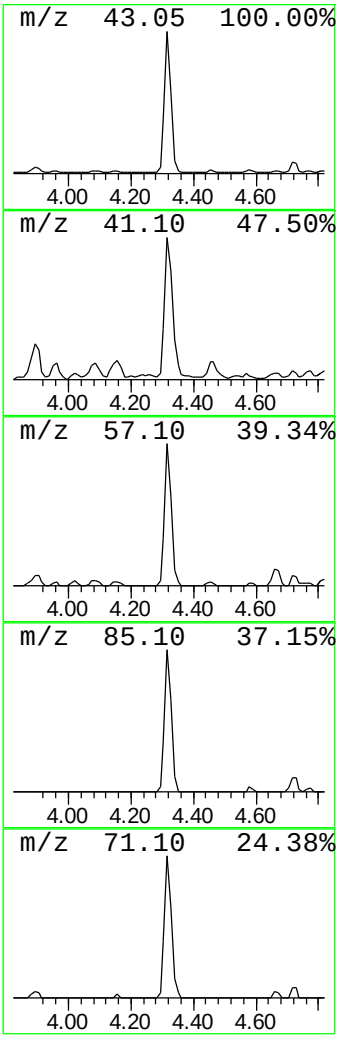
****

Peak Number 7 Octane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.32	20.00 ng	419720	1,4-Dichlorobenzene-d4	7.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	90
2	Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	64
3	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	64
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
5	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	50





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
Data File : BF077494.D
Acq On : 27 Feb 2015 6:54
Operator : TP/IZ
Sample : G1385-16
Misc : S
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-16-D11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

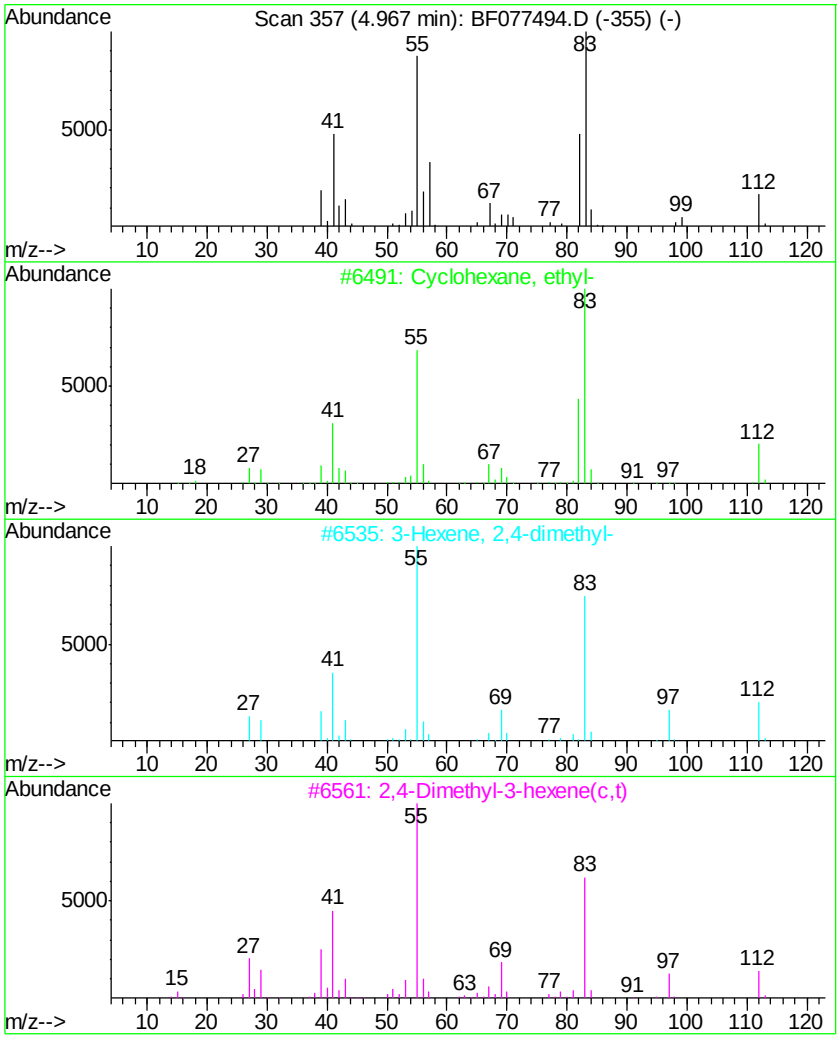
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

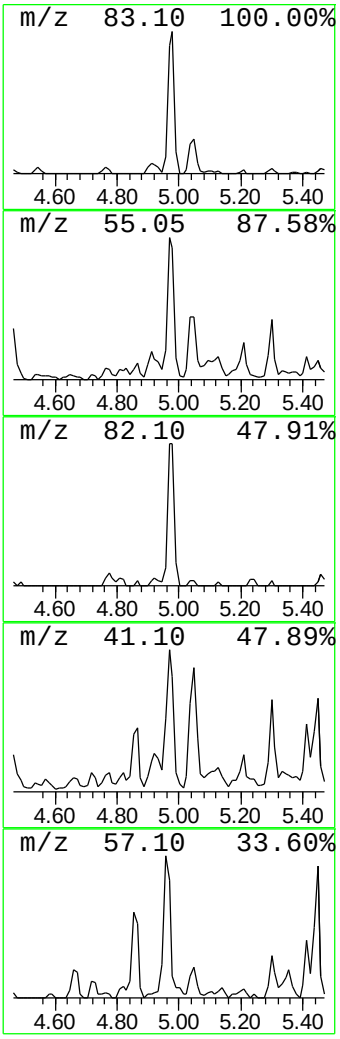
****

Peak Number 8 Cyclohexane, ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	10.63 ng	223018	1,4-Dichlorobenzene-d4	7.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
2	3-Hexene, 2,4-dimethyl-	112	C8H16	082085-14-1	53
3	2,4-Dimethyl-3-hexene(c,t)	112	C8H16	1000118-16-4	53
4	3,4-Dimethyl-2-hexene (c,t)	112	C8H16	002213-37-8	53
5	1-Pentyn-3-ol	84	C5H8O	004187-86-4	52





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
Data File : BF077494.D
Acq On : 27 Feb 2015 6:54
Operator : TP/IZ
Sample : G1385-16
Misc : S
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-16-D11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

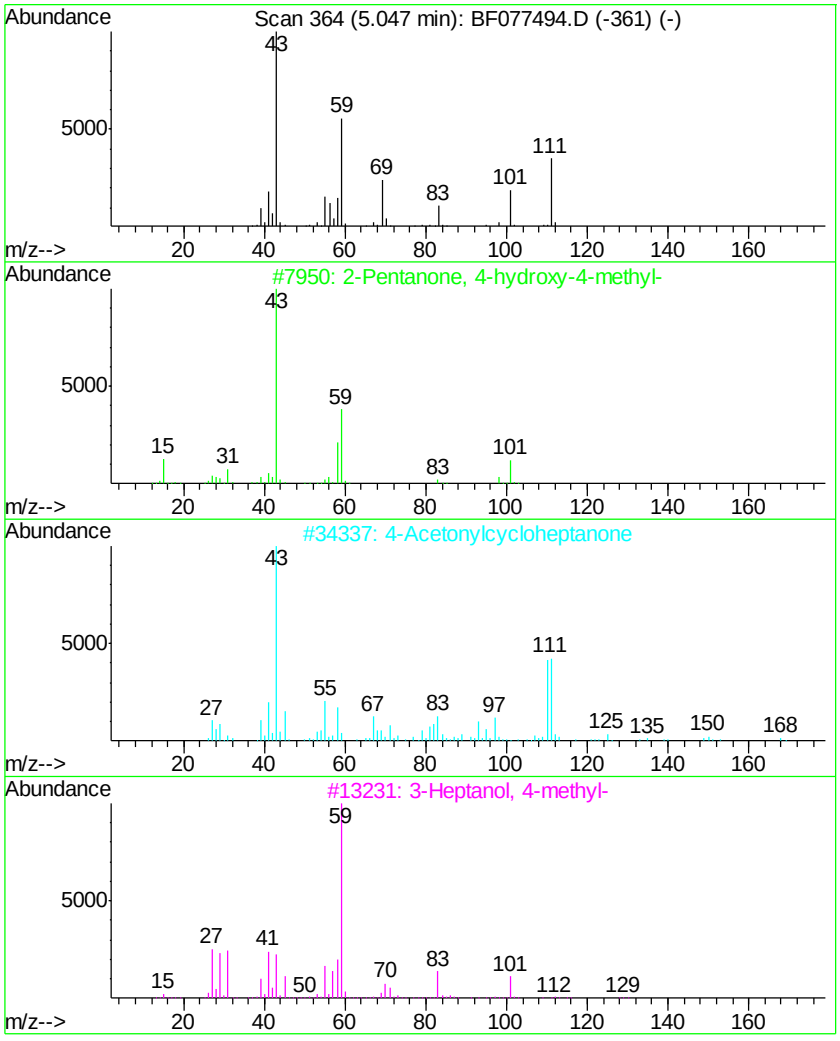
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

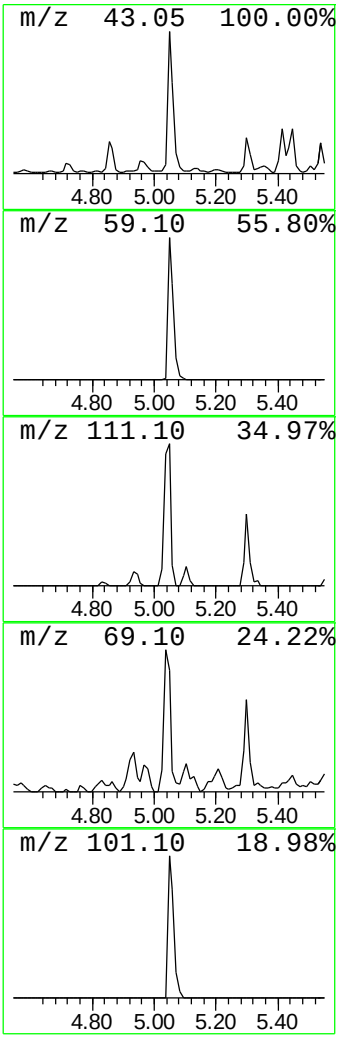
****

Peak Number 9 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	16.00 ng	335850	1,4-Dichlorobenzene-d4	7.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	23
2	4-Acetonylcycloheptanone	168	C10H16O2	086428-60-6	23
3	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	23
4	2,4-Dimethyl-4-penten-2-ol	114	C7H14O	019781-53-4	12
5	5-Hexen-2-one	98	C6H10O	000109-49-9	10





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
Data File : BF077494.D
Acq On : 27 Feb 2015 6:54
Operator : TP/IZ
Sample : G1385-16
Misc : S
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-16-D11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

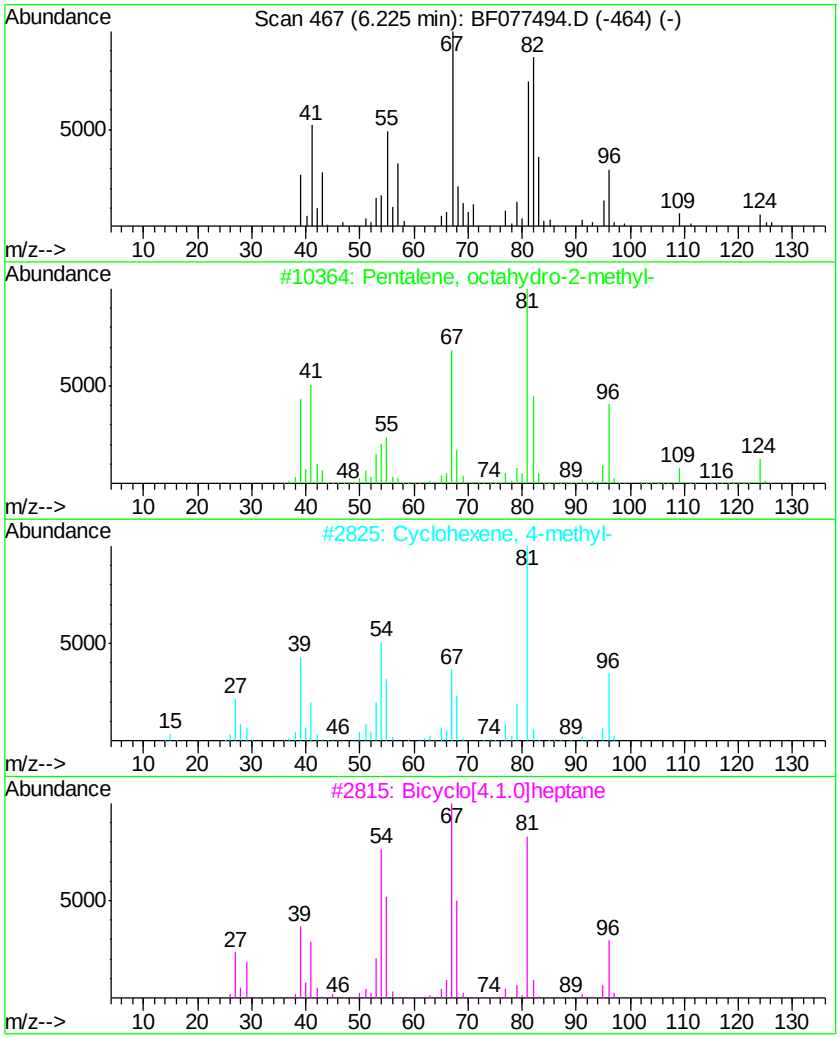
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

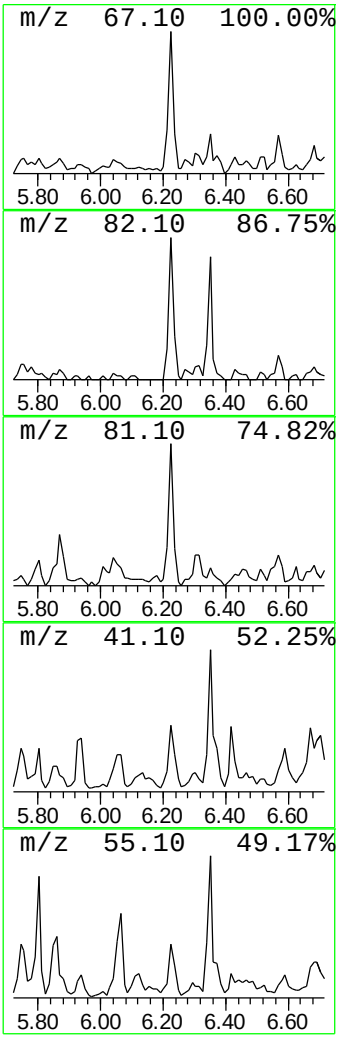
****

Peak Number 10 Pentalene, octahydro-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	11.49 ng	241175	1,4-Dichlorobenzene-d4	7.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	50
2	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	46
3	Bicyclo[4.1.0]heptane	96	C7H12	000286-08-8	46
4	1-Tridecyne	180	C13H24	026186-02-7	43
5	2-Cyclohexen-1-one, 4,5-dimethyl-	124	C8H12O	005715-25-3	43





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
Data File : BF077494.D
Acq On : 27 Feb 2015 6:54
Operator : TP/IZ
Sample : G1385-16
Misc : S
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-16-D11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

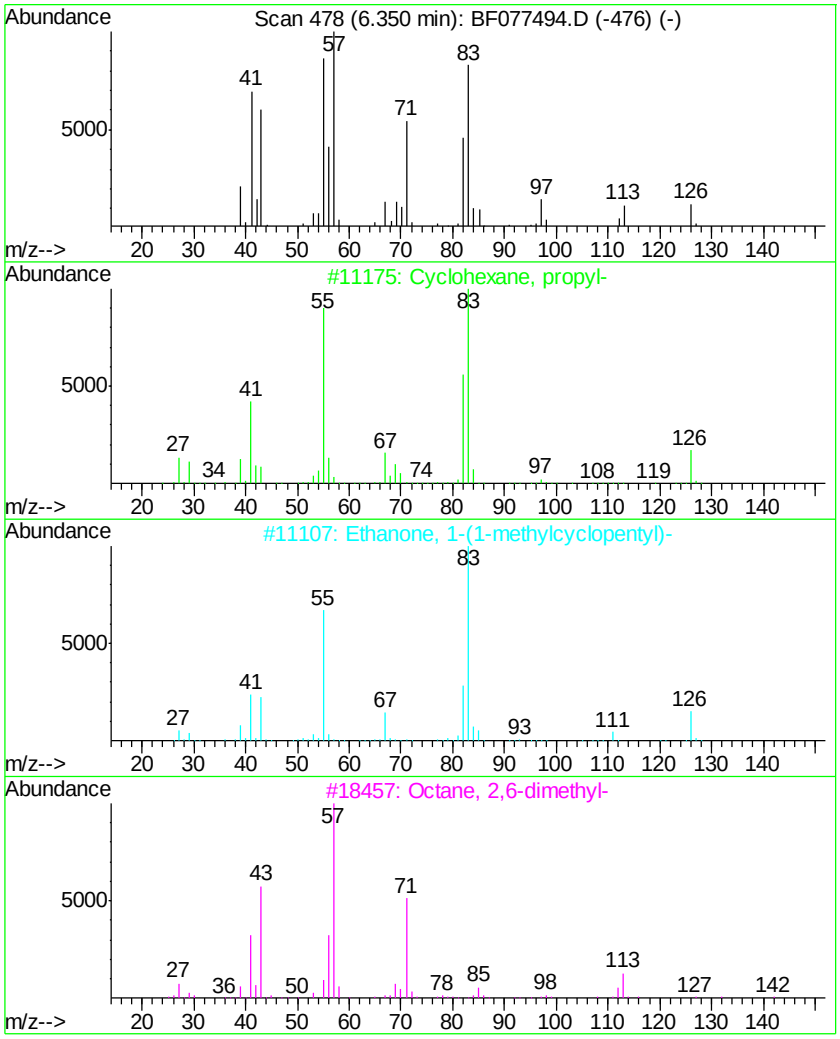
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

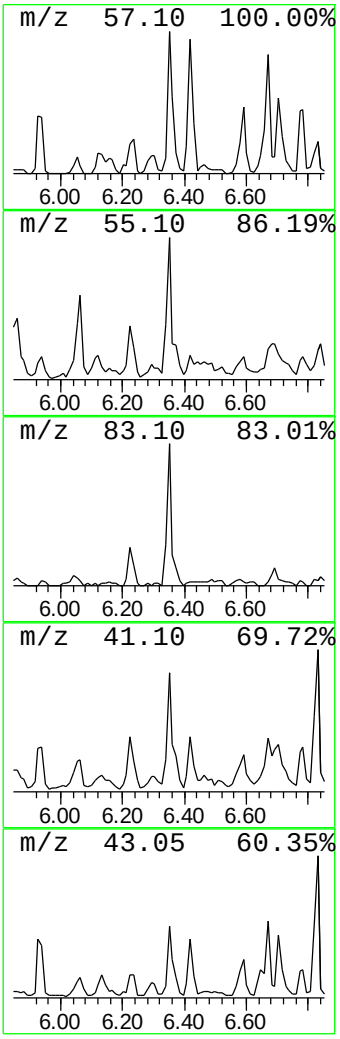
****

Peak Number 11 Cyclohexane, propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	13.15 ng	276028	1,4-Dichlorobenzene-d4	7.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	55
2	Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	43
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	35
4	Cyclopentane, 1-acetyl-1,2-epoxy-	126	C7H10O2	015121-02-5	30
5	1-Pentene, 2,3,3-trimethyl-	112	C8H16	000560-23-6	30





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
Data File : BF077494.D
Acq On : 27 Feb 2015 6:54
Operator : TP/IZ
Sample : G1385-16
Misc : S
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-16-D11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

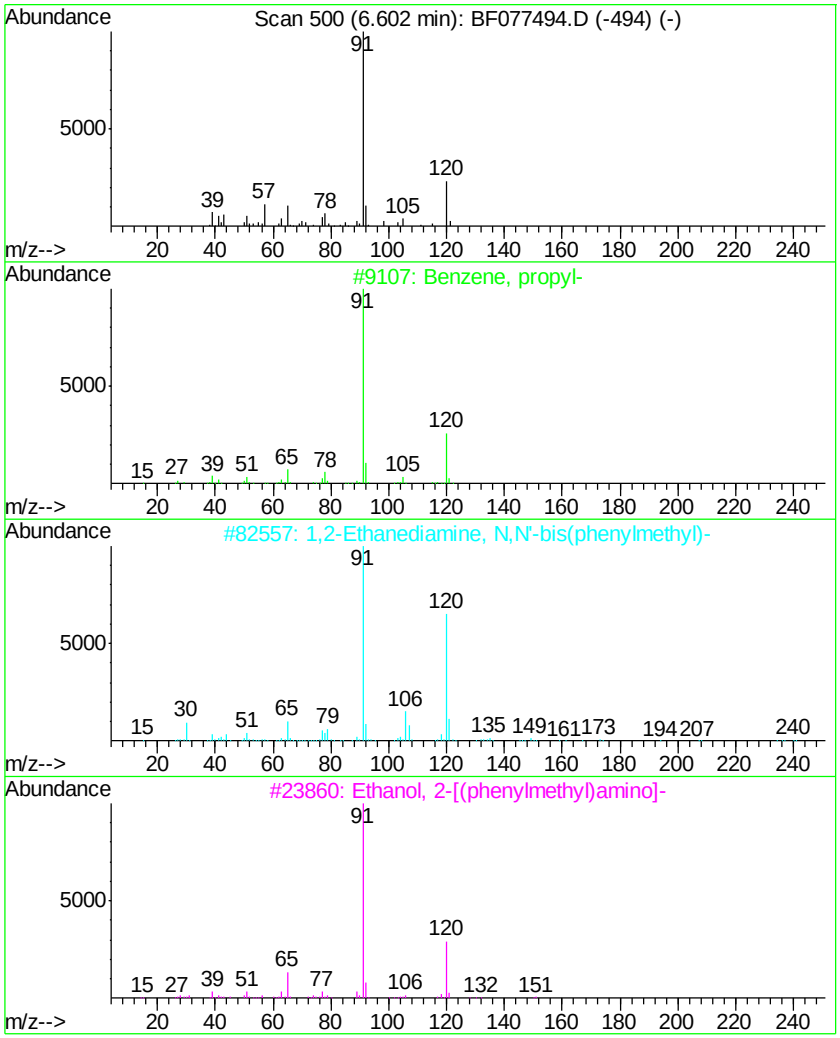
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

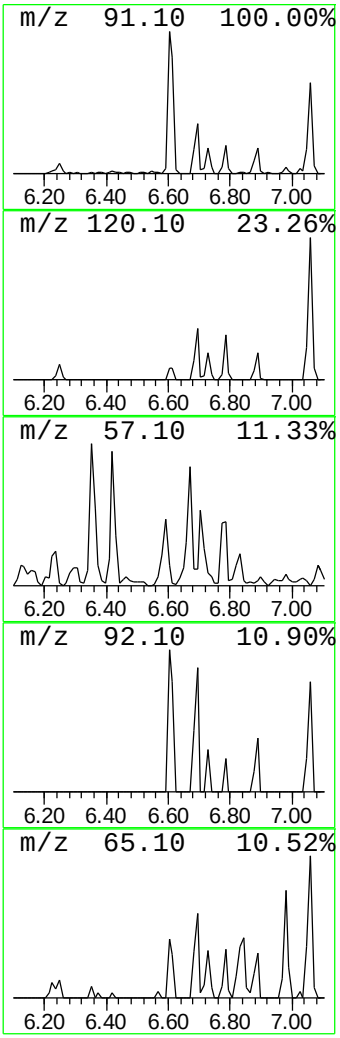
****

Peak Number 12 Benzene, propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	9.50 ng	199434	1,4-Dichlorobenzene-d4	7.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	81
2	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64
3	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	59
4	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	53
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	53





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
Data File : BF077494.D
Acq On : 27 Feb 2015 6:54
Operator : TP/IZ
Sample : G1385-16
Misc : S
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-16-D11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

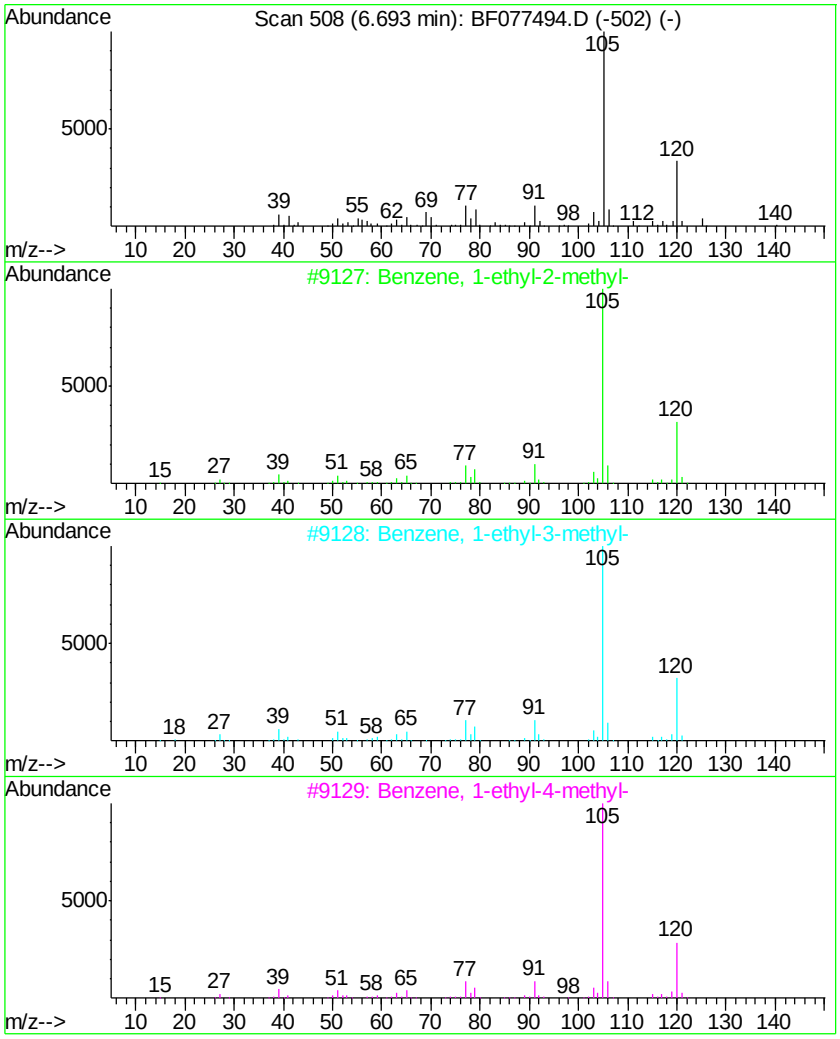
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

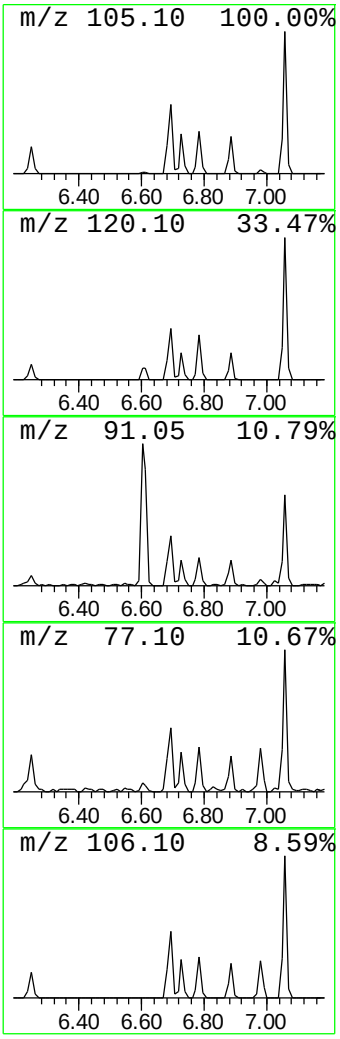
****

Peak Number 13 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	22.99 ng	482335	1,4-Dichlorobenzene-d4	7.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	90
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
Data File : BF077494.D
Acq On : 27 Feb 2015 6:54
Operator : TP/IZ
Sample : G1385-16
Misc : S
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-16-D11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

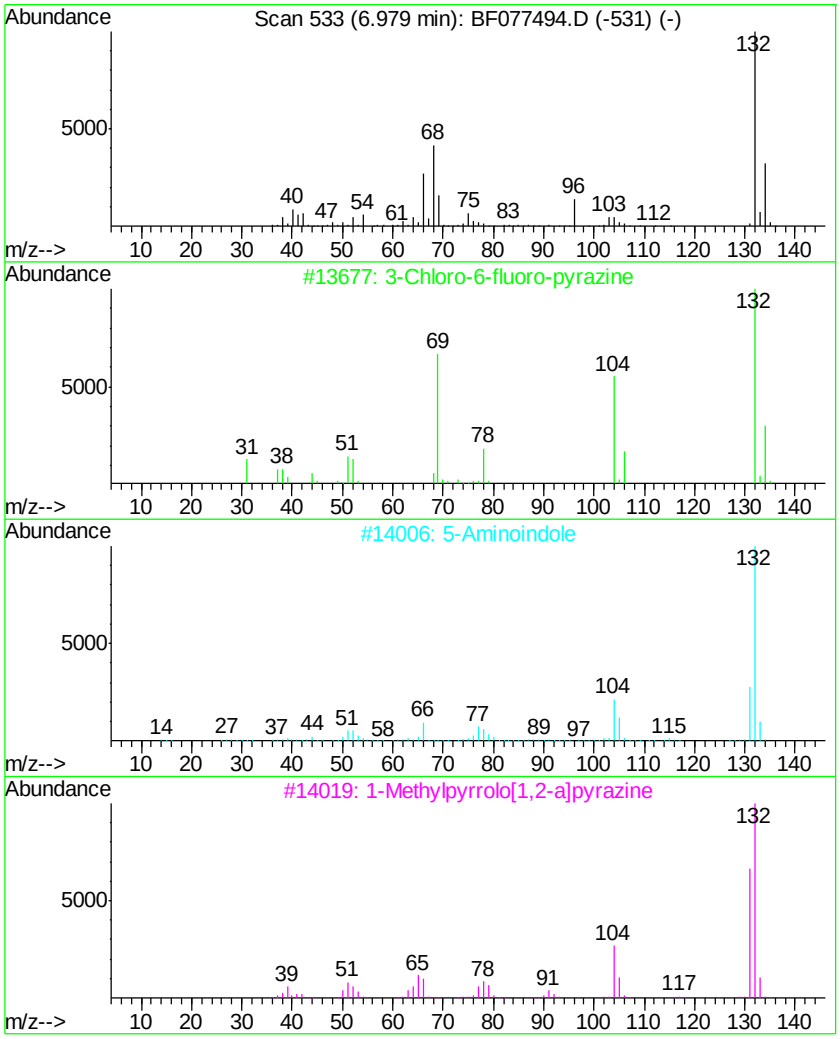
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

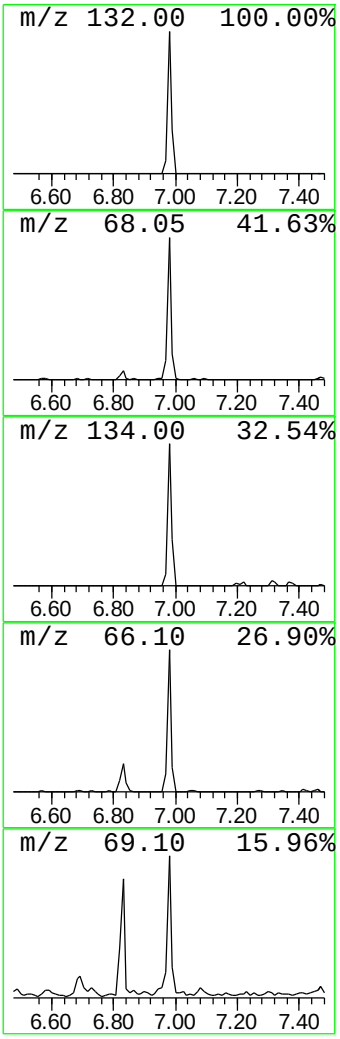
****

Peak Number 15 unknown6.98 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	50.97 ng	1069540	1,4-Dichlorobenzene-d4	7.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
Data File : BF077494.D
Acq On : 27 Feb 2015 6:54
Operator : TP/IZ
Sample : G1385-16
Misc : S
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-16-D11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

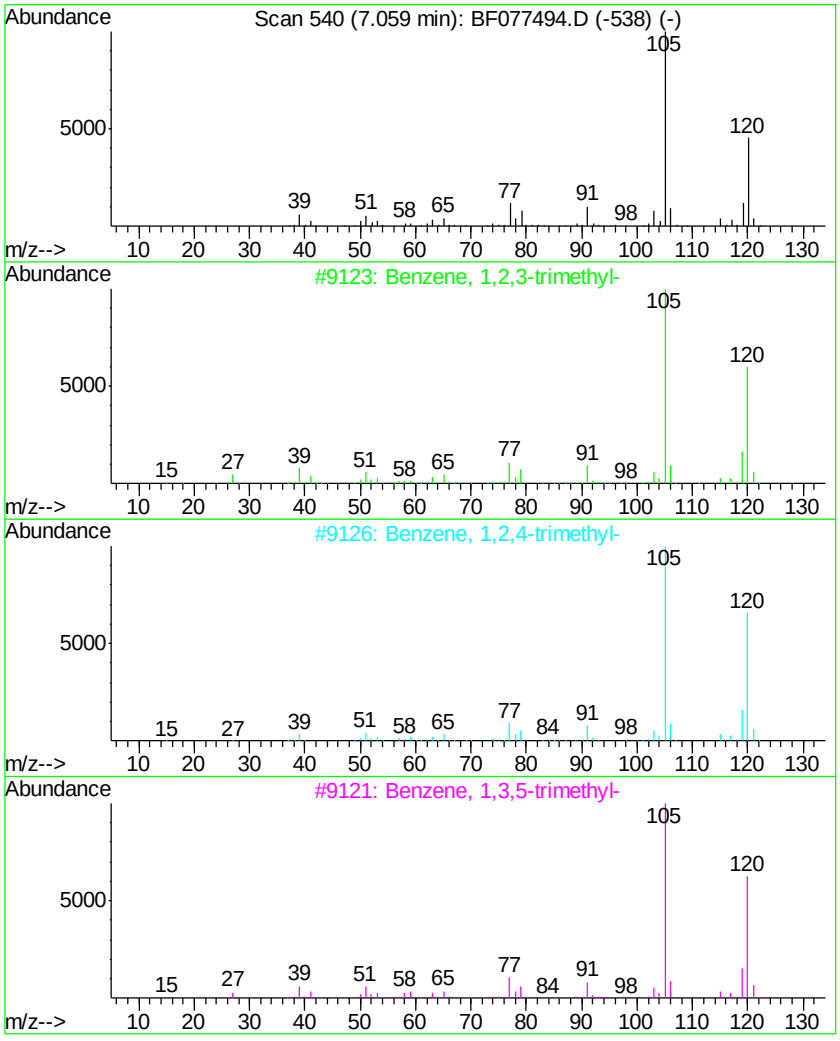
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

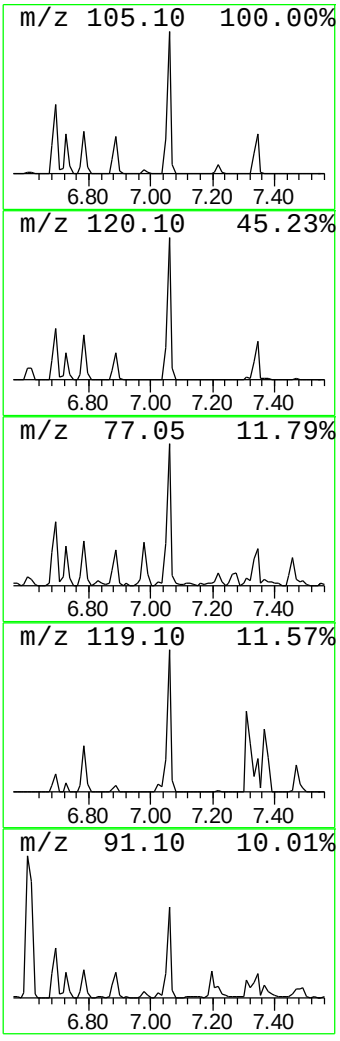
****

Peak Number 16 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	25.83 ng	542036	1,4-Dichlorobenzene-d4	7.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
Data File : BF077494.D
Acq On : 27 Feb 2015 6:54
Operator : TP/IZ
Sample : G1385-16
Misc : S
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-16-D11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

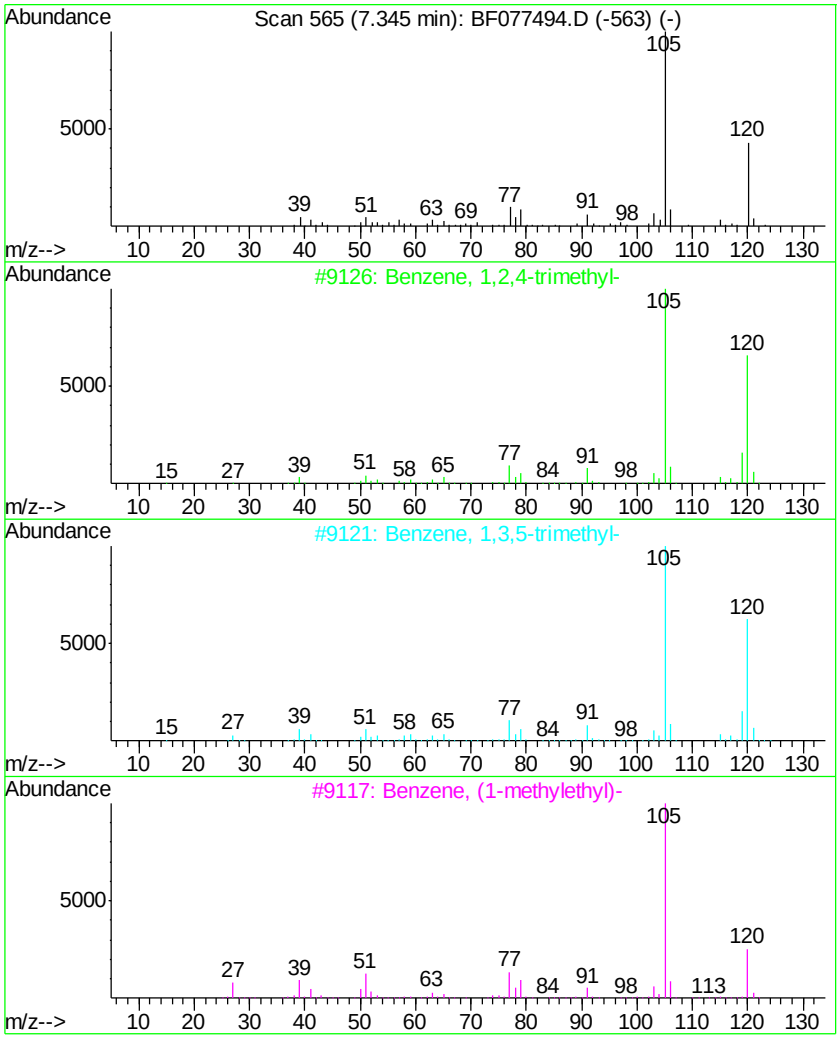
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

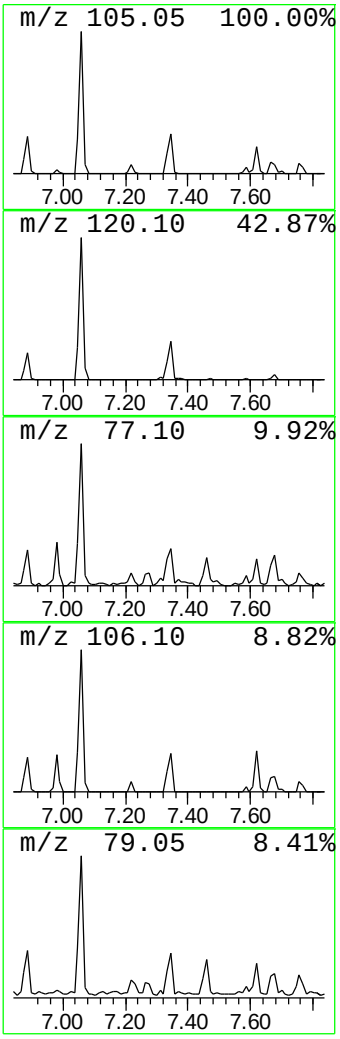
****

Peak Number 17 Benzene, 1,2,4-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	8.01 ng	168014	1,4-Dichlorobenzene-d4	7.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
Data File : BF077494.D
Acq On : 27 Feb 2015 6:54
Operator : TP/IZ
Sample : G1385-16
Misc : S
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-16-D11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

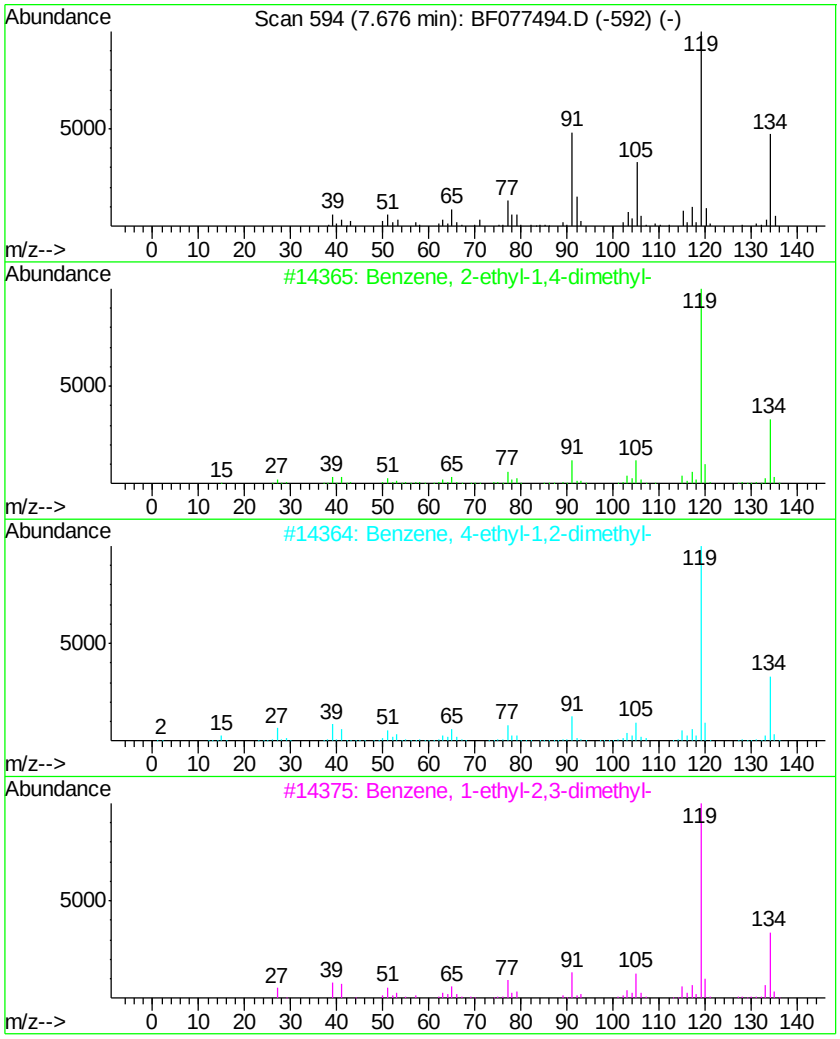
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

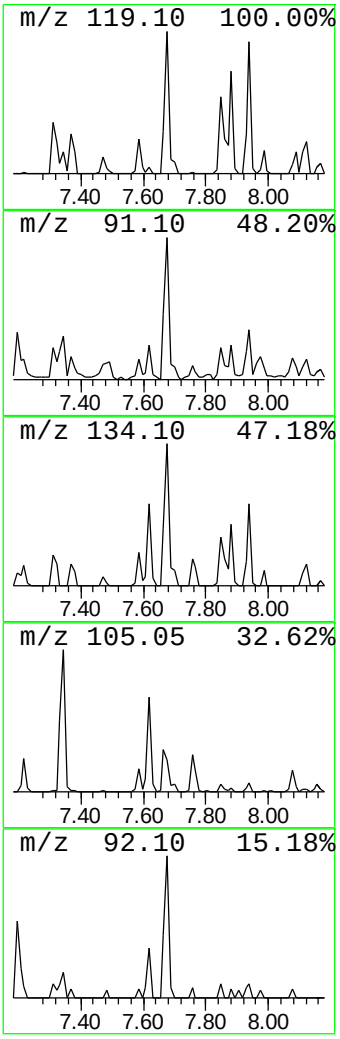
****

Peak Number 19 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	9.17 ng	192517	1,4-Dichlorobenzene-d4	7.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
4	1,3,8-p-Menthatriene	134	C10H14	021195-59-5	90
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
Data File : BF077494.D
Acq On : 27 Feb 2015 6:54
Operator : TP/IZ
Sample : G1385-16
Misc : S
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-16-D11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

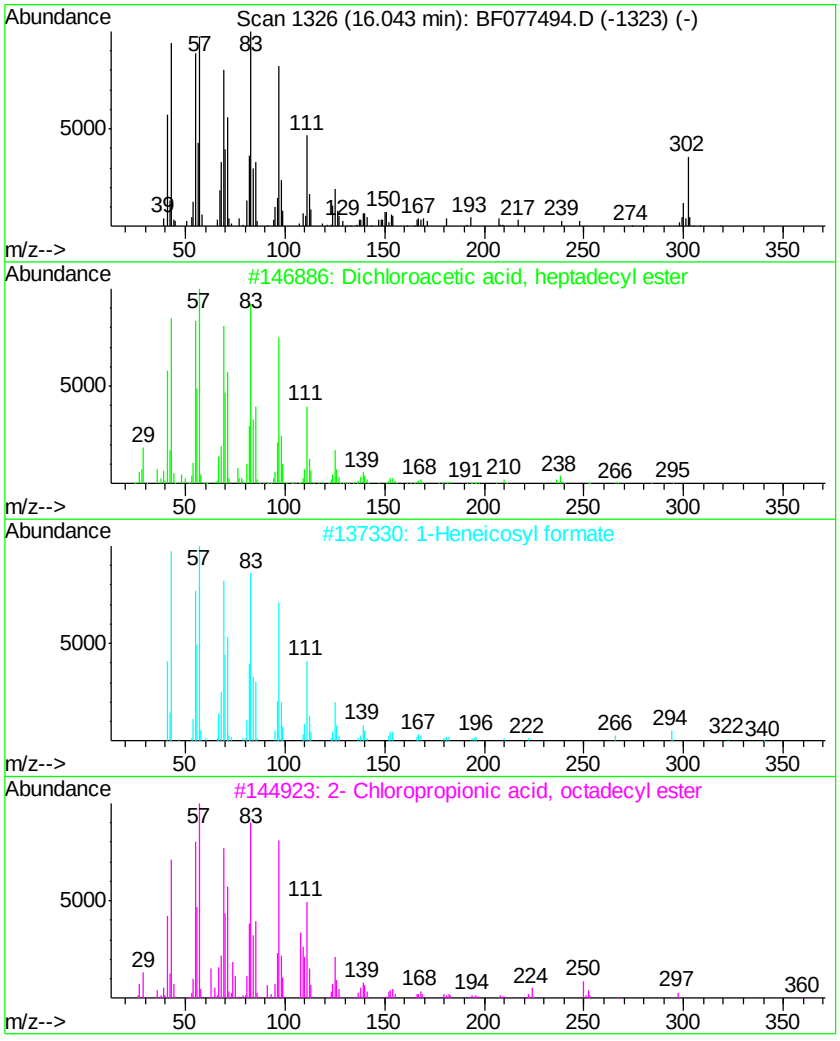
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

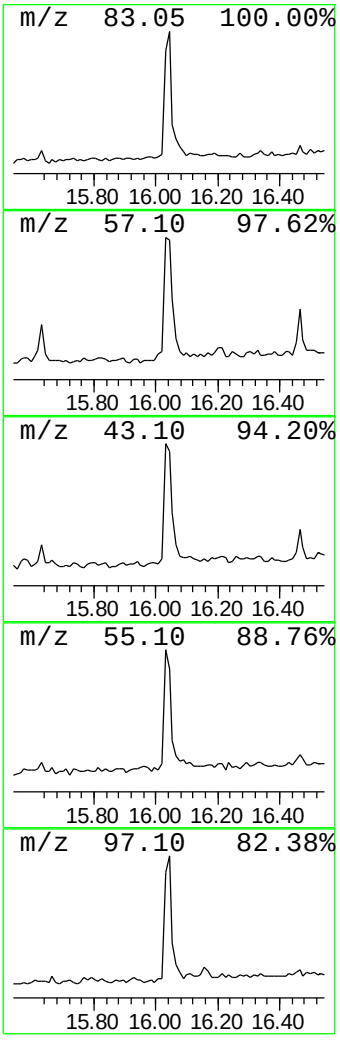
****

Peak Number 20 Dichloroacetic acid, heptad... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	8.05 ng	388314	Chrysene-d12	16.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	90
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	90
4	1-Octadecanol	270	C18H38O	000112-92-5	90
5	11-Tricosene	322	C23H46	052078-56-5	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
Data File : BF077494.D
Acq On : 27 Feb 2015 6:54
Operator : TP/IZ
Sample : G1385-16
Misc : S
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-16-D11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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
unknown1.42	1.42	147.2	ng	3089300	1	7.27	419684	20.0
Cyclohexane, methyl-	2.54	12.4	ng	259381	1	7.27	419684	20.0
Heptane, 2-methyl-	3.52	9.8	ng	205519	1	7.27	419684	20.0
Cyclohexane, 1,3-...	3.89	8.1	ng	169706	1	7.27	419684	20.0
Octane	4.32	20.0	ng	419720	1	7.27	419684	20.0
Cyclohexane, ethyl-	4.97	10.6	ng	223018	1	7.27	419684	20.0
2-Pentanone, 4-hy...	5.05	16.0	ng	335850	1	7.27	419684	20.0
Pentalene, octahy...	6.22	11.5	ng	241175	1	7.27	419684	20.0
Cyclohexane, propyl-	6.35	13.2	ng	276028	1	7.27	419684	20.0
Benzene, propyl-	6.60	9.5	ng	199434	1	7.27	419684	20.0
Benzene, 1-ethyl-...	6.69	23.0	ng	482335	1	7.27	419684	20.0
unknown6.98	6.98	51.0	ng	1069540	1	7.27	419684	20.0
Benzene, 1,2,3-tr...	7.06	25.8	ng	542036	1	7.27	419684	20.0
Benzene, 1,2,4-tr...	7.34	8.0	ng	168014	1	7.27	419684	20.0
Benzene, 2-ethyl-...	7.68	9.2	ng	192517	1	7.27	419684	20.0
Dichloroacetic ac...	16.04	8.1	ng	388314	5	16.17	964793	20.0