LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083238.D
Acq On : 24 Nov 2015 15:50
Operator : UM/IZ
Sample : G4503-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7

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-BF112115.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	3.210	98	107	111	rBV4	13406	64849	1.05%	0.090%
2	4.730	237	240	247	rVB	754536	991964	16.03%	1.376%
3	4.867	247	252	254	rVV3	70084	206990	3.35%	0.287%
4	4.913	254	256	259	rVV	71620	134642	2.18%	0.187%
5	5.027	259	266	272	rVB2	49727	177808	2.87%	0.247%
6	5.210	280	282	291	rVB	1837589	2720292	43.97%	3.775%
7	5.370	291	296	298	rBV3	88223	150502	2.43%	0.209%
8	5.553	310	312	315	rBV	76259	117339	1.90%	0.163%
9	5.770	330	331	336	rBV	165825	221366	3.58%	0.307%
10	6.045	350	355	359	rVB4	172403	399500	6.46%	0.554%
11	6.113	359	361	364	rBV3	52872	86559	1.40%	0.120%
12	6.170	364	366	369	rBV2	113943	207964	3.36%	0.289%
13	6.285	374	376	378	rBV	1341527	2011088	32.51%	2.791%
14	6.330	378	380	383	rVB2	235462	329866	5.33%	0.458%
15	6.387	383	385	387	rBV	4995769	5020889	81.16%	6.967%
16	6.456	387	391	393	rVB4	61692	122905	1.99%	0.171%
17	6.490	393	394	399	rVB3	61225	74999	1.21%	0.104%
18	6.605	402	404	407	rBV	942171	1132633	18.31%	1.572%
19	6.650	407	408	411	rBV2	149161	209098	3.38%	0.290%
20	6.696	411	412	416	rBV2	154403	190205	3.07%	0.264%
21	6.765	416	418	421	rBV	4119242	4418074	71.41%	6.131%
22	6.856	422	426	429	rBV3	140216	315011	5.09%	0.437%
23	6.902	429	430	432	rVB	338626	313625	5.07%	0.435%
24	6.947	432	434	438	rVB	175184	196873	3.18%	0.273%
25	7.027	438	441	443	rBV2	366524	589554	9.53%	0.818%
26	7.062	443	444	447	rVB	489174	441576	7.14%	0.613%
27	7.107	447	448	452	rVB2	104713	104142	1.68%	0.145%
28	7.187	452	455	457	rBV	3674514	4544884	73.46%	6.307%
29	7.313	464	466	469	rVB2	157057	229382	3.71%	0.318%
30	7.382	469	472	476	rVB5	60800	114372	1.85%	0.159%
31	7.462	476	479	481	rVB4	89915	150453	2.43%	0.209%
32	7.508	481	483	484	rBV	58618	63478	1.03%	0.088%
33	7.588	486	490	492	rBV	264822	416106	6.73%	0.577%
34	7.725	496	502	505	rVB4	389784	990696	16.01%	1.375%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083238.D
Acq On : 24 Nov 2015 15:50
Operator : UM/IZ
Sample : G4503-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7

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-BF112115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.782	505	507	509	rBV2	127327	138960	2.25%	0.193%
36	7.828	509	511	512	rVV2	84374	68927	1.11%	0.096%
37	7.862	512	514	515	rVV	54422	77251	1.25%	0.107%
38	7.919	515	519	522	rVV2	3118385	4899136	79.19%	6.798%
39	7.976	522	524	528	rVB2	167018	304738	4.93%	0.423%
40	8.056	528	531	532	rBV2	58193	115149	1.86%	0.160%
41	8.125	535	537	538	rBV	63801	71508	1.16%	0.099%
42	8.205	538	544	547	rVB	259279	469961	7.60%	0.652%
43	8.296	547	552	556	rBV4	326395	823999	13.32%	1.143%
44	8.365	556	558	561	rVB2	139519	182416	2.95%	0.253%
45	8.490	566	569	571	rBV2	139256	222249	3.59%	0.308%
46	8.559	573	575	577	rVB2	68895	99584	1.61%	0.138%
47	8.616	577	580	582	rBV	723897	767612	12.41%	1.065%
48	8.650	582	583	586	rVV	356233	543846	8.79%	0.755%
49	8.708	586	588	592	rVB	541404	671366	10.85%	0.932%
50	8.765	592	593	595	rBV2	49484	92822	1.50%	0.129%
51	8.810	595	597	599	rVB3	52679	73249	1.18%	0.102%
52	8.856	599	601	603	rBV2	151942	223833	3.62%	0.311%
53	8.902	603	605	608	rVV4	98352	243792	3.94%	0.338%
54	8.982	609	612	615	rVV	5737839	6186753	100.00%	8.585%
55	9.085	618	621	624	rVB2	199914	426359	6.89%	0.592%
56	9.176	624	629	632	rBV4	83051	223967	3.62%	0.311%
57	9.245	632	635	638	rBV3	131576	263761	4.26%	0.366%
58	9.313	638	641	642	rBV	184369	217643	3.52%	0.302%
59	9.348	642	644	645	rVV2	119485	159768	2.58%	0.222%
60	9.382	645	647	649	rVV	182961	169901	2.75%	0.236%
61	9.428	649	651	654	rVB4	81875	134874	2.18%	0.187%
62	9.485	654	656	657	rBV	93274	122282	1.98%	0.170%
63	9.508	657	658	663	rVB3	128545	216603	3.50%	0.301%
64	9.599	663	666	668	rBV3	104754	189333	3.06%	0.263%
65	9.645	668	670	672	rBV	1244408	1714871	27.72%	2.380%
66	9.679	672	673	675	rVV	890454	751059	12.14%	1.042%
67	9.725	675	677	679	rVB	118008	155033	2.51%	0.215%
68	9.851	687	688	691	rBV	470742	502745	8.13%	0.698%
69	9.896	691	692	696	rVB4	74914	107653	1.74%	0.149%
70	10.193	716	718	721	rVB	749260	668509	10.81%	0.928%
71	10.319	727	729	730	rBV2	61659	85495	1.38%	0.119%

LSC Area Percent Report

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Acq On : 24 Nov 2015 15:50
Operator : UM/IZ
Sample : G4503-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7

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
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.445	736	740	742	rVB	3014645	4223141	68.26%	5.860%
73	10.559	748	750	754	rVB4	183175	384132	6.21%	0.533%
74	10.674	755	760	761	rBV3	152491	361652	5.85%	0.502%
75	10.696	761	762	764	rVV2	88899	153926	2.49%	0.214%
76	10.731	764	765	767	rVV	381283	379665	6.14%	0.527%
77	10.811	771	772	774	rVV2	102179	143122	2.31%	0.199%
78	10.891	777	779	781	rVV	481405	593669	9.60%	0.824%
79	10.936	781	783	785	rVB2	209487	265169	4.29%	0.368%
80	11.016	788	790	792	rVB3	158988	242076	3.91%	0.336%
81	11.131	797	800	803	rBV	1375727	2959529	47.84%	4.107%
82	11.199	803	806	808	rVB2	305504	371704	6.01%	0.516%
83	11.371	818	821	823	rVB	695679	941053	15.21%	1.306%
84	11.428	824	826	827	rBV	98225	123232	1.99%	0.171%
85	11.531	833	835	838	rVB3	62962	82435	1.33%	0.114%
86	11.622	841	843	845	rVV	91884	131052	2.12%	0.182%
87	11.679	845	848	852	rVV4	389387	662901	10.71%	0.920%
88	11.736	852	853	857	rVV2	147213	186512	3.01%	0.259%
89	11.839	858	862	865	rVV3	63462	149748	2.42%	0.208%
90	11.897	865	867	870	rVV3	48330	97824	1.58%	0.136%
91	11.942	870	871	874	rVB2	139234	143789	2.32%	0.200%
92	12.182	890	892	894	rBV2	53891	62808	1.02%	0.087%
93	12.331	903	905	907	rVB	280818	243833	3.94%	0.338%
94	12.468	914	917	922	rBV2	308646	408978	6.61%	0.568%
95	12.548	922	924	926	rVB2	172404	241699	3.91%	0.335%
96	12.719	936	939	941	rBV	5379726	5883436	95.10%	8.164%
97	12.765	941	943	945	rVB	204350	256073	4.14%	0.355%
98	13.622	1017	1018	1024	rVB3	67329	113643	1.84%	0.158%
99	13.748	1027	1029	1032	rBV	1270943	1401931	22.66%	1.945%
100	15.108	1146	1148	1151	rBV	814892	1008856	16.31%	1.400%

Sum of corrected areas: 72064279

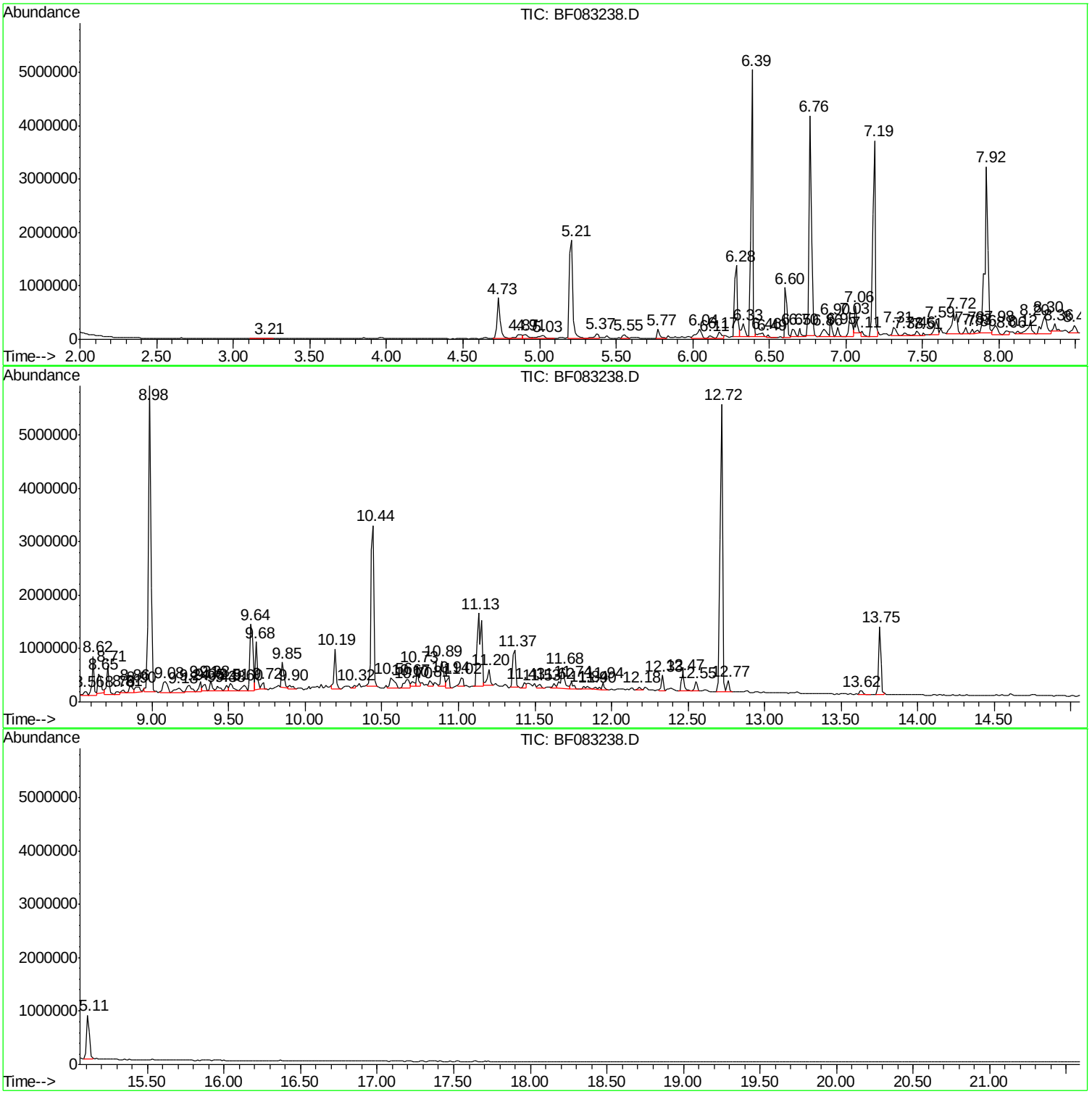
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083238.D
Acq On : 24 Nov 2015 15:50
Operator : UM/IZ
Sample : G4503-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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\BF112415\
Data File : BF083238.D
Acq On : 24 Nov 2015 15:50
Operator : UM/IZ
Sample : G4503-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

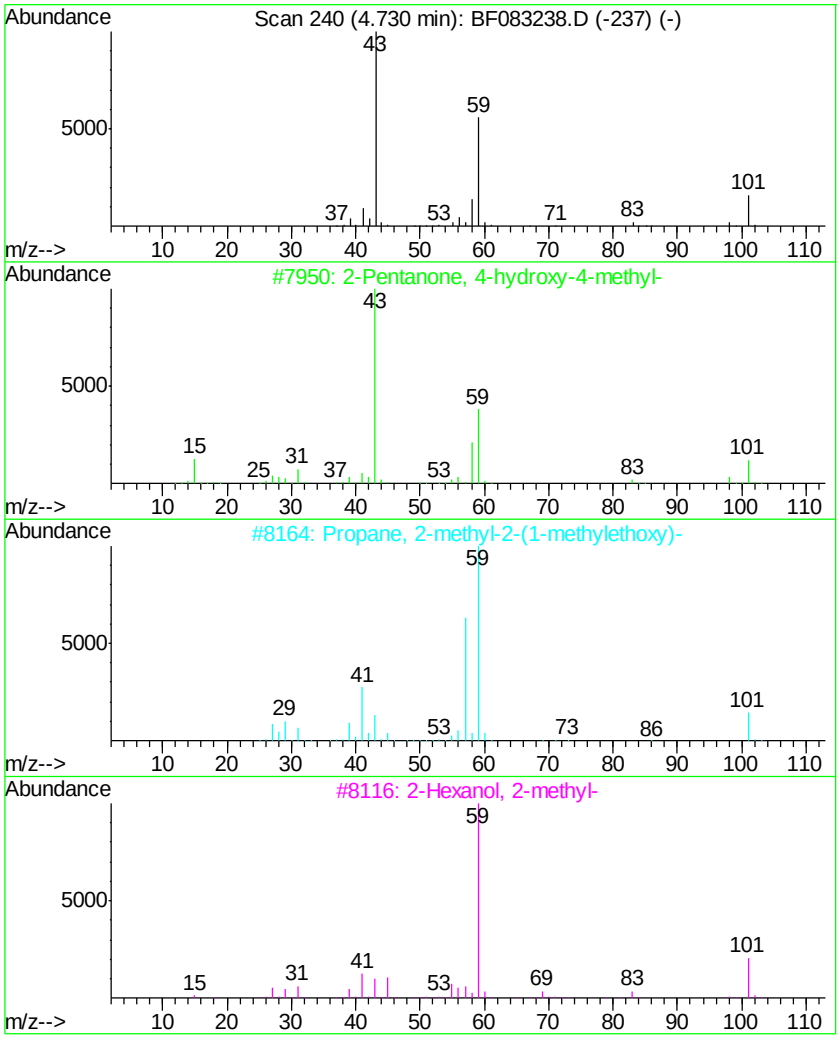
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

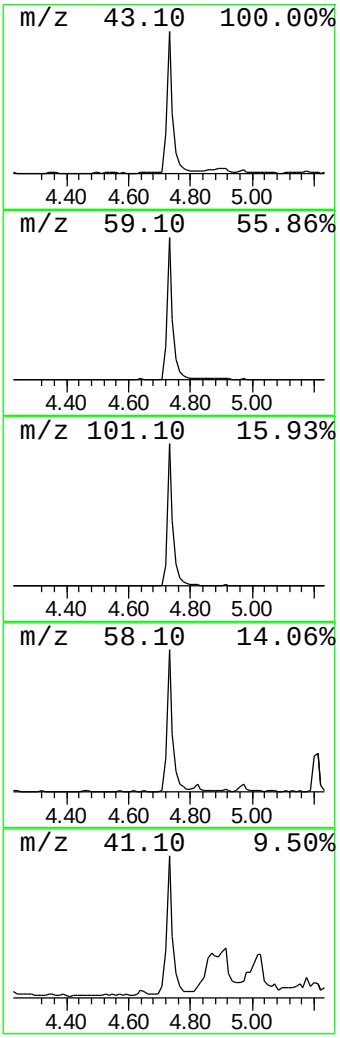
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.73	17.52 ng	991964	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083238.D
Acq On : 24 Nov 2015 15:50
Operator : UM/IZ
Sample : G4503-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

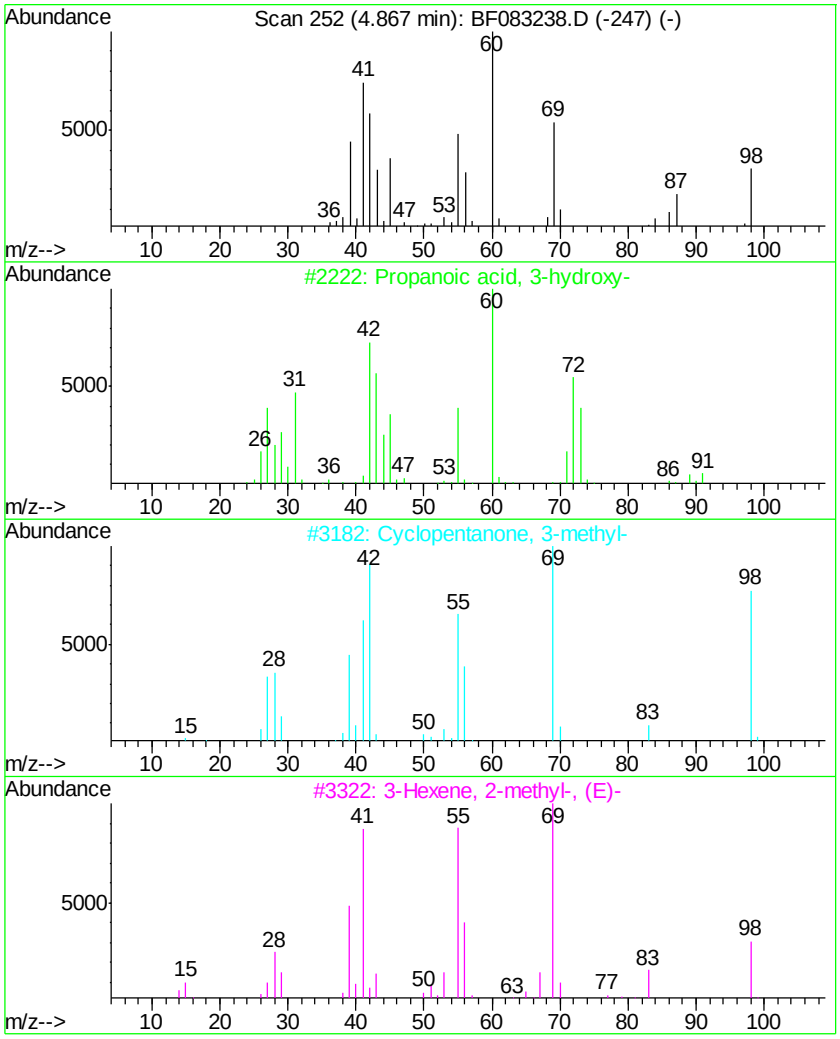
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

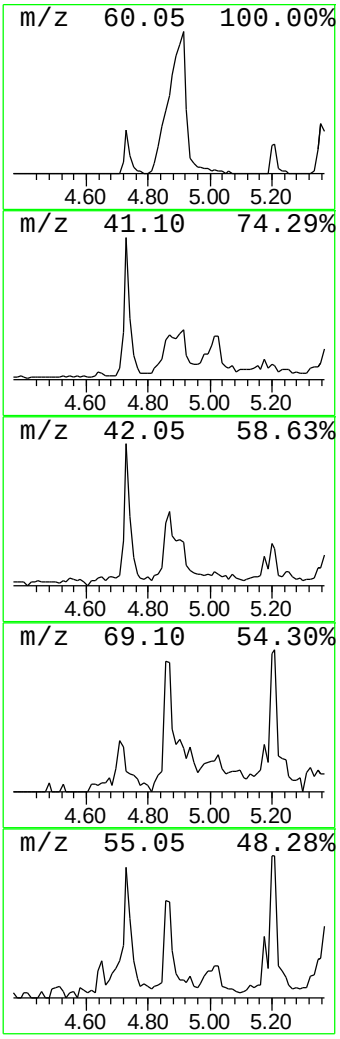
****

Peak Number 2 unknown4.87 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.87	3.66 ng	206990	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 3-hydroxy-	90	C3H6O3	000503-66-2	43
2	Cyclopentanone, 3-methyl-	98	C6H10O	001757-42-2	22
3	3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	12
4	Cyclobutanone, 3-ethyl-	98	C6H10O	056335-73-0	11
5	2(5H)-Furanone, 3-methyl-	98	C5H6O2	022122-36-7	10





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083238.D
Acq On : 24 Nov 2015 15:50
Operator : UM/IZ
Sample : G4503-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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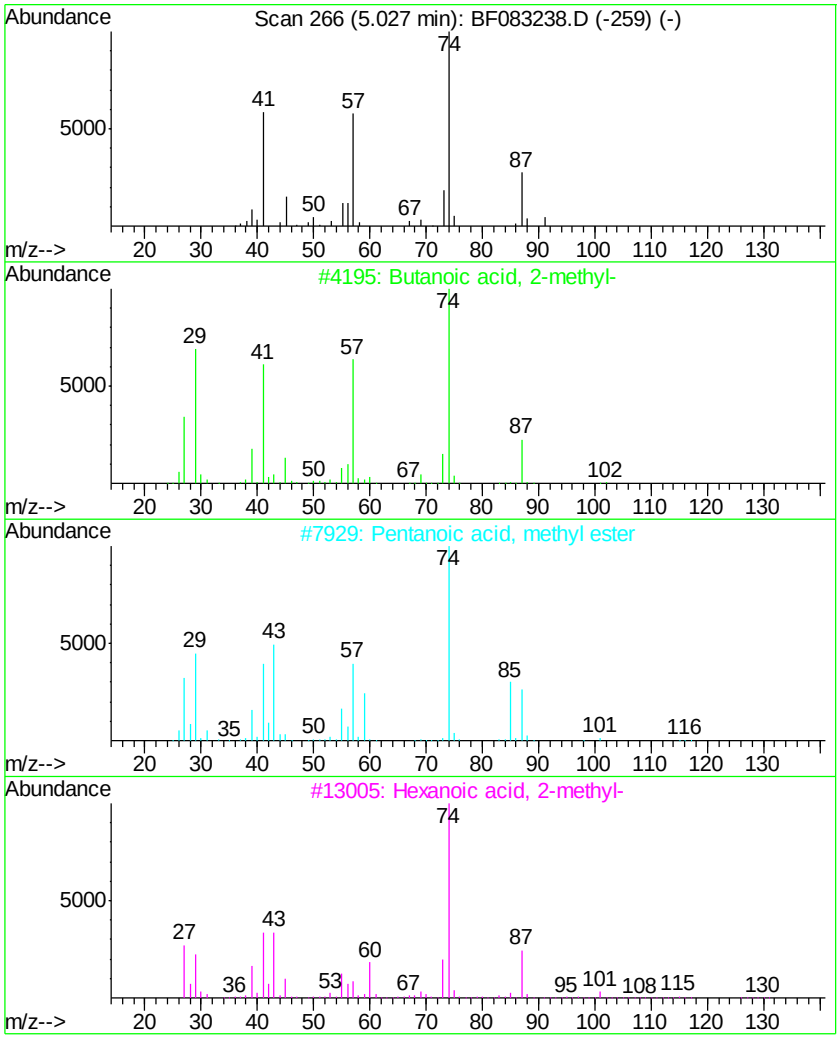
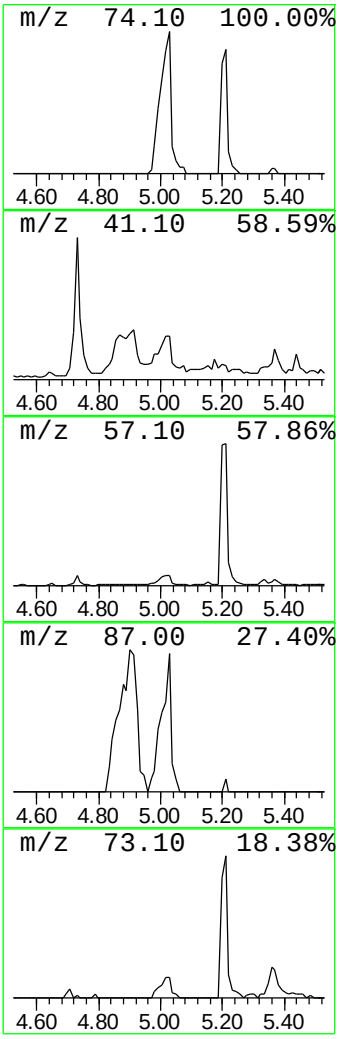
Peak Number 3 Butanoic acid, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	3.14 ng	177808	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	78
2	Pentanoic acid, methyl ester	116	C6H12O2	000624-24-8	56
3	Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	56
4	Propanoic acid	74	C3H6O2	000079-09-4	28
5	Morpholine	87	C4H9NO	000110-91-8	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083238.D
Acq On : 24 Nov 2015 15:50
Operator : UM/IZ
Sample : G4503-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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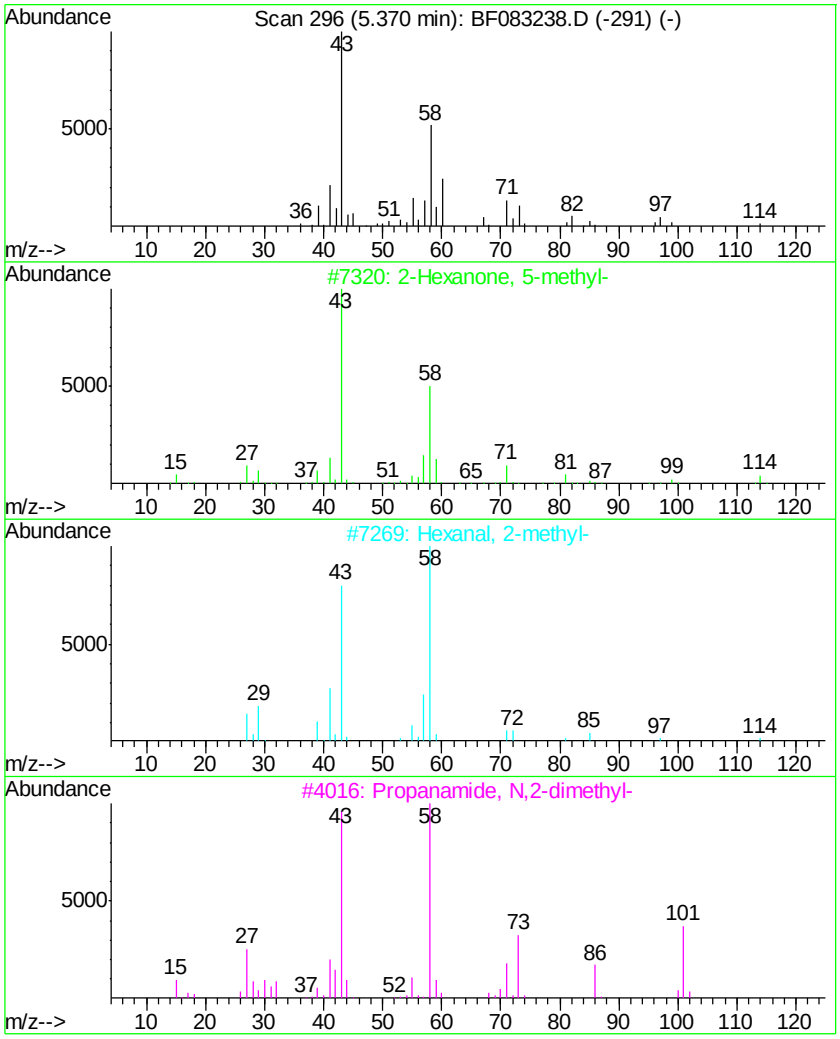
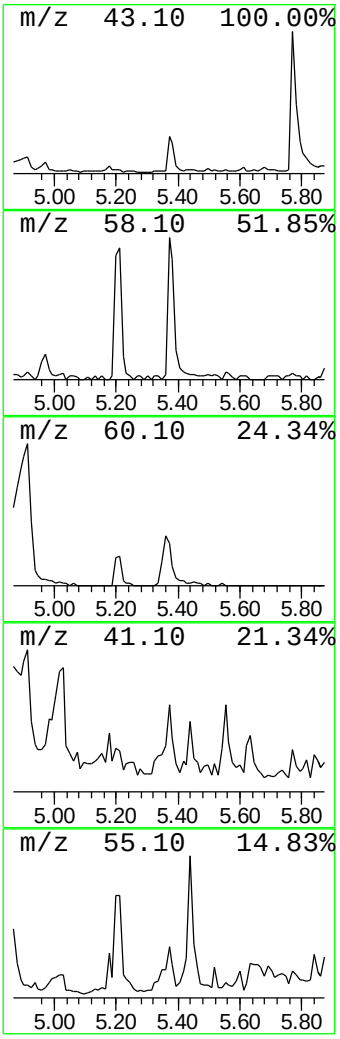
Peak Number 4 unknown5.37 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.37	2.66 ng	150502	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	47
2	Hexanal, 2-methyl-	114	C7H14O	000925-54-2	43
3	Propanamide, N,2-dimethyl-	101	C5H11NO	002675-88-9	38
4	8-Hydroxy-2-octanone	144	C8H16O2	025368-54-1	37
5	2-Heptanone	114	C7H14O	000110-43-0	37





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083238.D
Acq On : 24 Nov 2015 15:50
Operator : UM/IZ
Sample : G4503-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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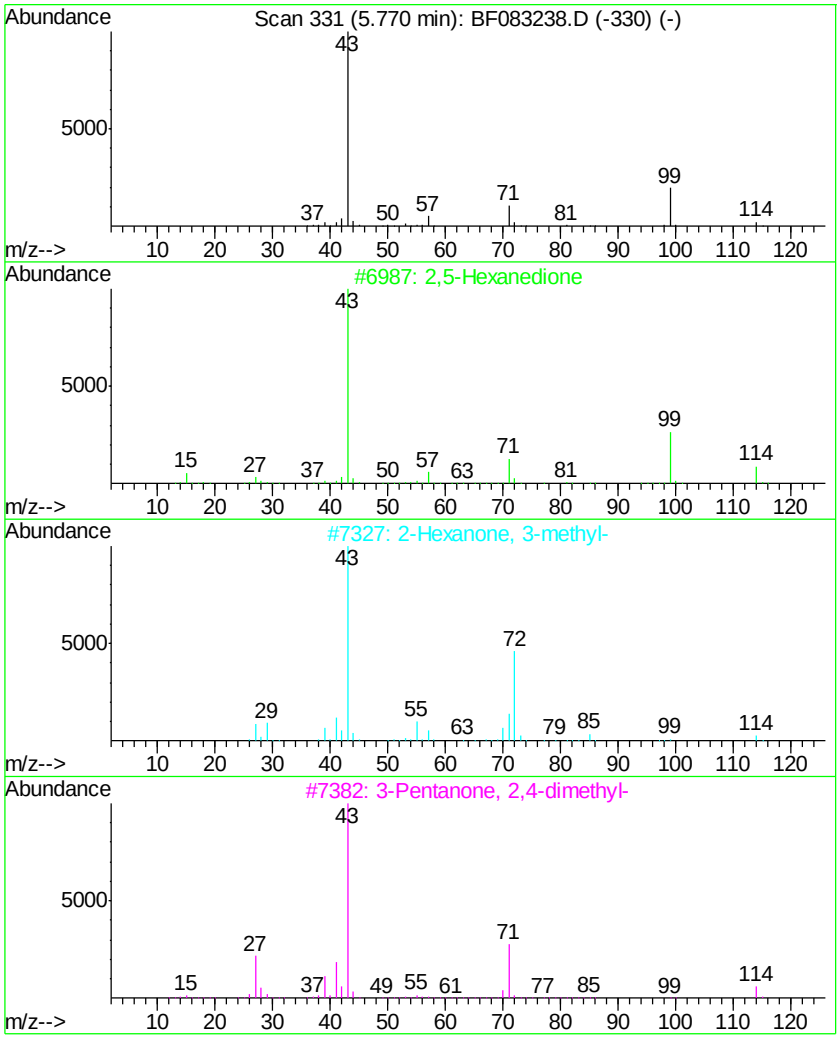
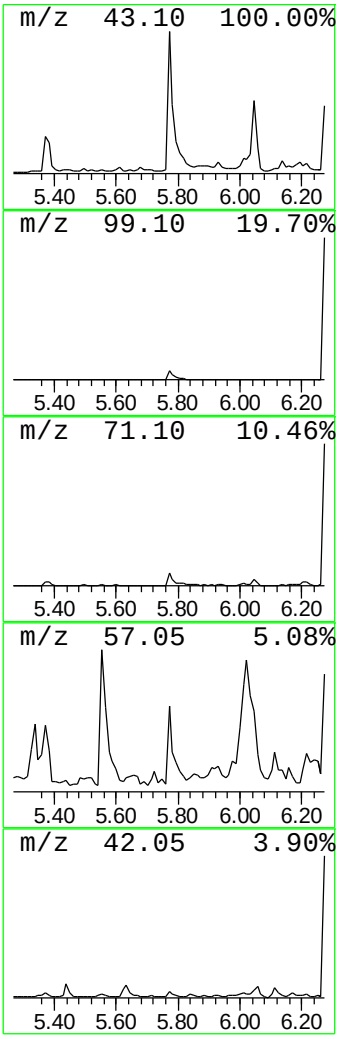
Peak Number 5 2,5-Hexanedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.77	3.91 ng	221366	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Hexanedione	114	C6H10O2	000110-13-4	64
2	2-Hexanone, 3-methyl-	114	C7H14O	002550-21-2	43
3	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	9
4	2,4-Pentanedione, 3-methyl-	114	C6H10O2	000815-57-6	9
5	2-Buten-1-ol, acetate	114	C6H10O2	000628-08-0	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083238.D
Acq On : 24 Nov 2015 15:50
Operator : UM/IZ
Sample : G4503-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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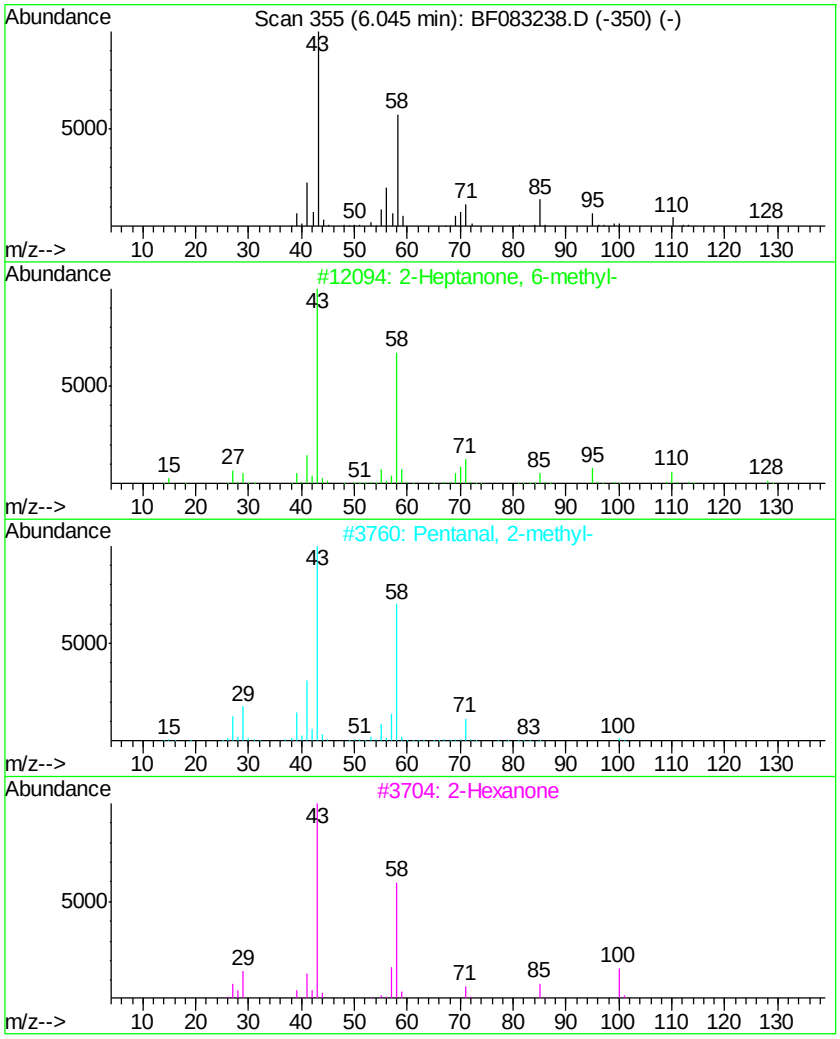
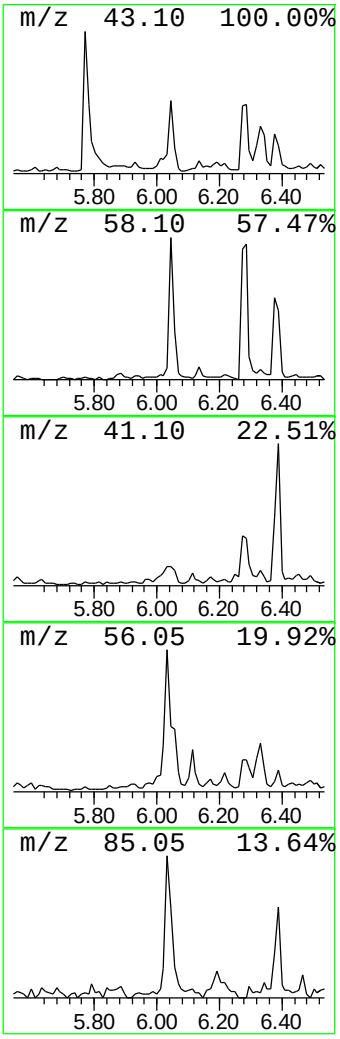
Peak Number 6 2-Heptanone, 6-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.04	7.05 ng	399500	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	59
2	Pentanal, 2-methyl-	100	C6H12O	000123-15-9	47
3	2-Hexanone	100	C6H12O	000591-78-6	40
4	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	40
5	2-Octanone	128	C8H16O	000111-13-7	38





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Sample : G4503-07
Misc :
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Instrument : BNA_F
ClientSampleId : MW-7

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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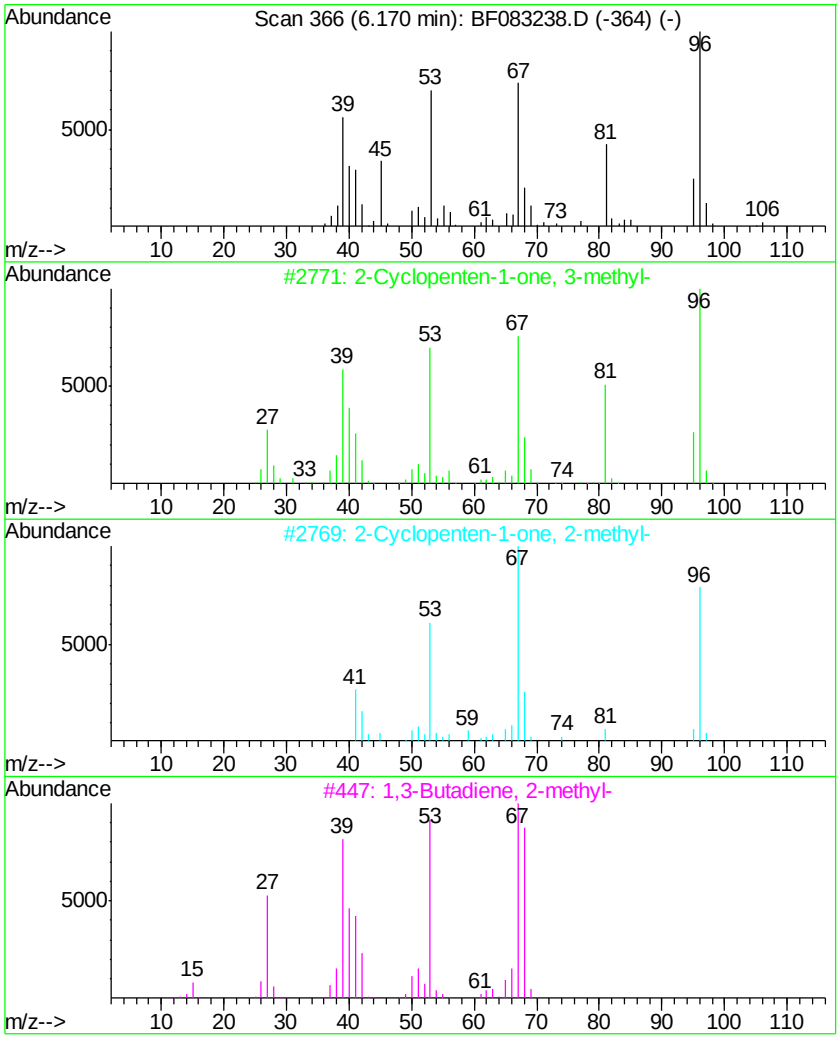
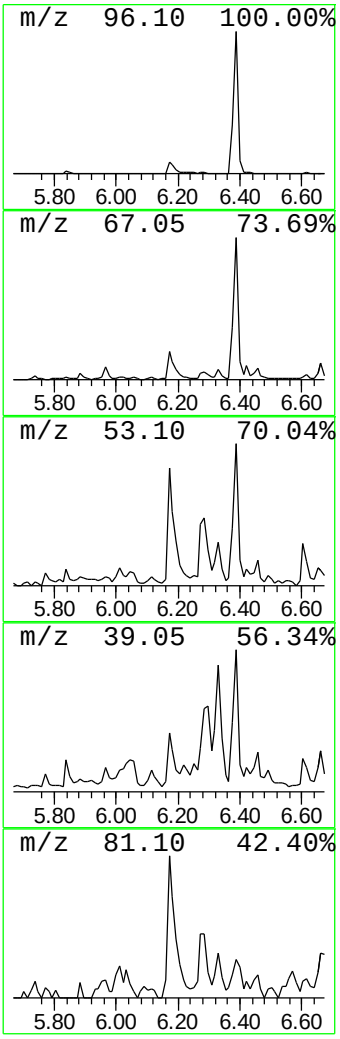
Peak Number 7 2-Cyclopenten-1-one, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	3.67 ng	207964	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 3-methyl-	96	C6H8O	002758-18-1	95
2	2-Cyclopenten-1-one, 2-methyl-	96	C6H8O	001120-73-6	87
3	1,3-Butadiene, 2-methyl-	68	C5H8	000078-79-5	47
4	1-Butyne, 3-methyl-	68	C5H8	000598-23-2	43
5	1,3-Pentadiene, (E)-	68	C5H8	002004-70-8	35





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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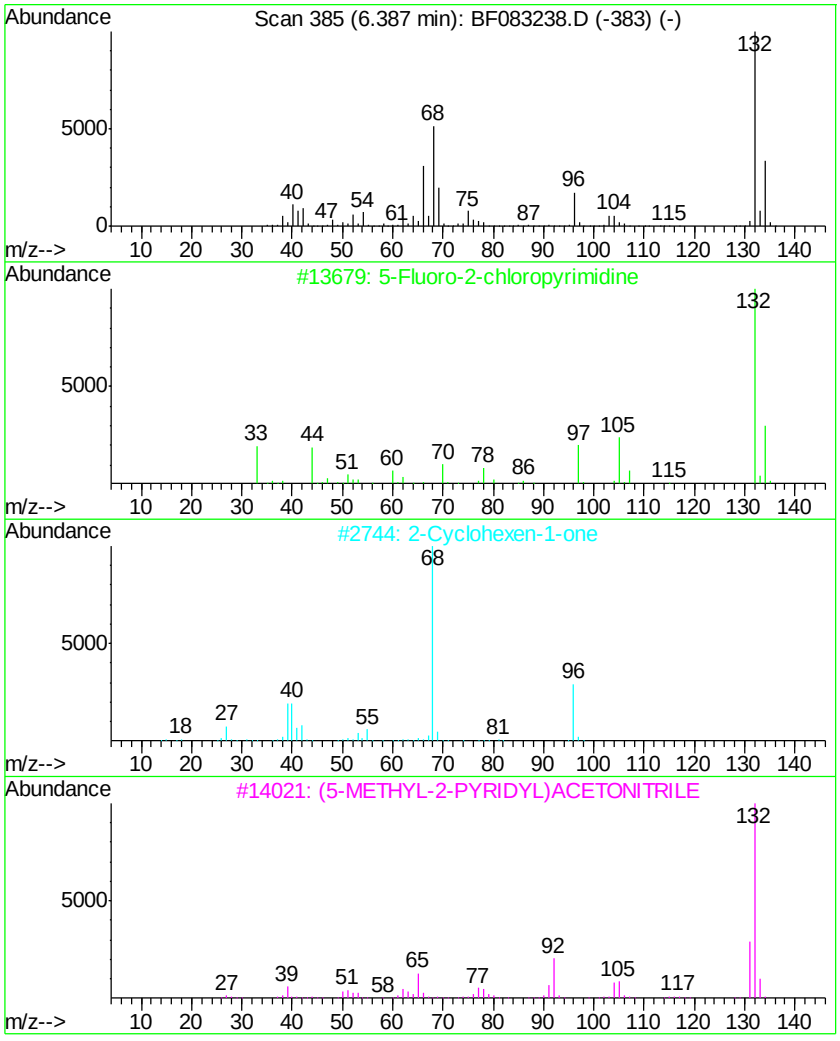
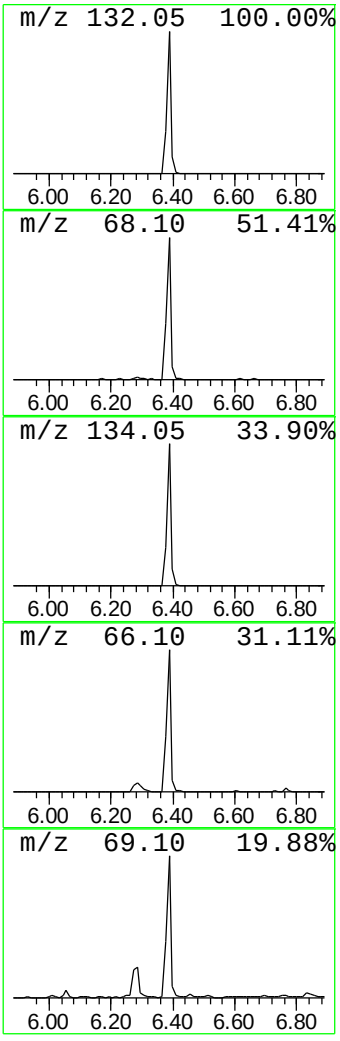
Peak Number 8 unknown6.39 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	88.66 ng	5020890	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





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

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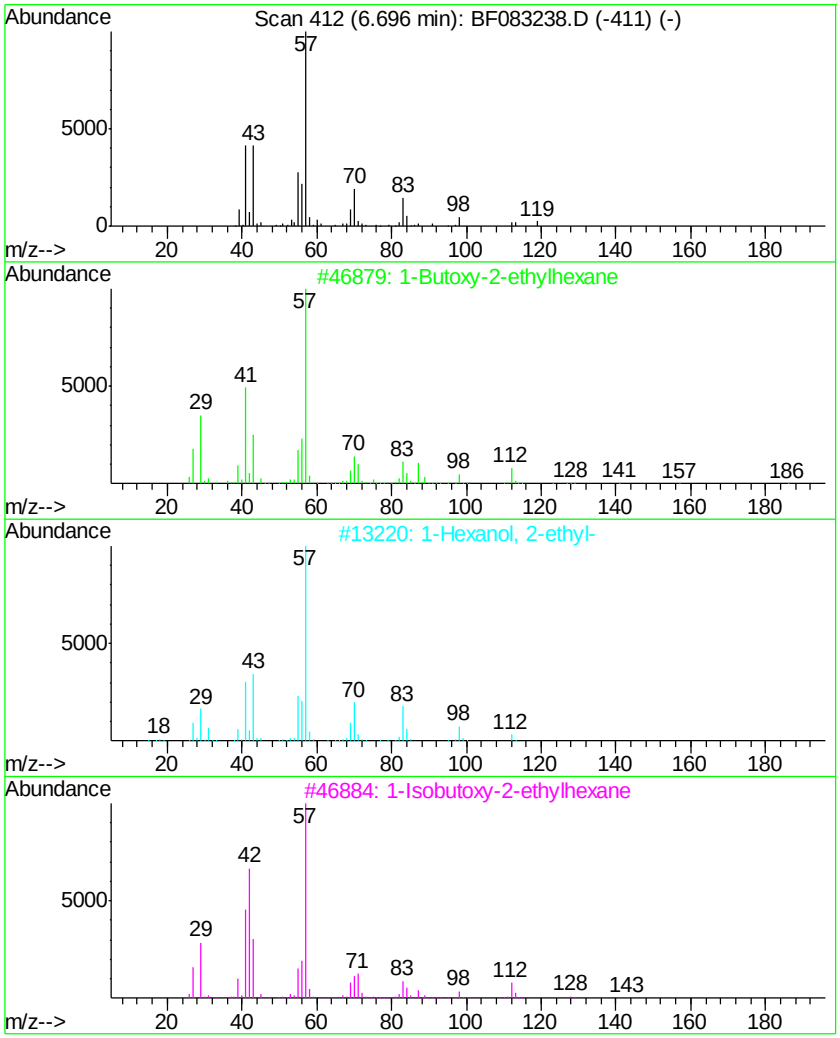
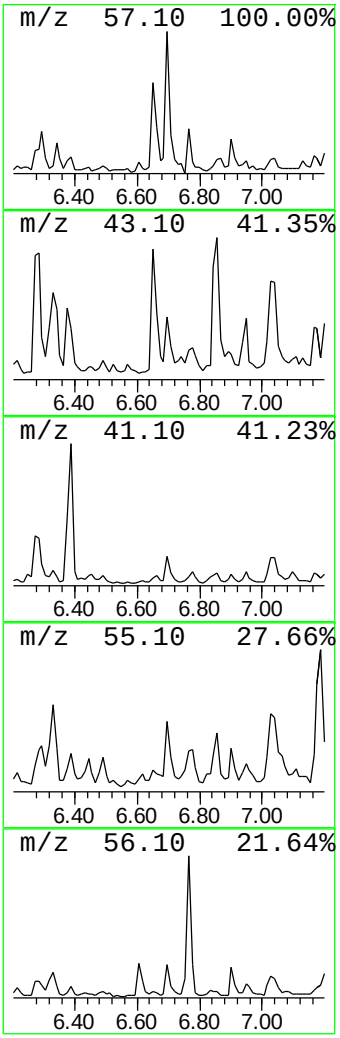
Peak Number 9 1-Butoxy-2-ethylhexane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	3.36 ng	190205	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butoxy-2-ethylhexane	186	C12H26O	062625-25-6	78
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	56
4	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	50
5	Propanoic acid, 2,2-dimethyl-, 2...	214	C13H26O2	016387-18-1	47





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

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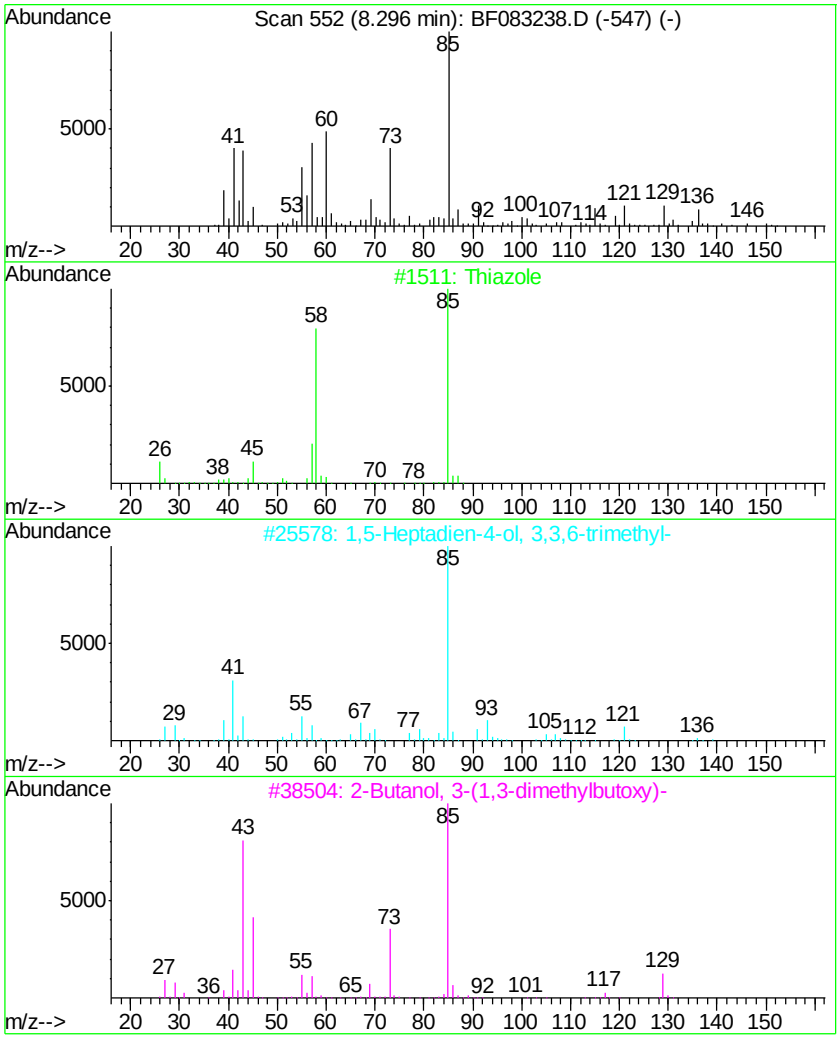
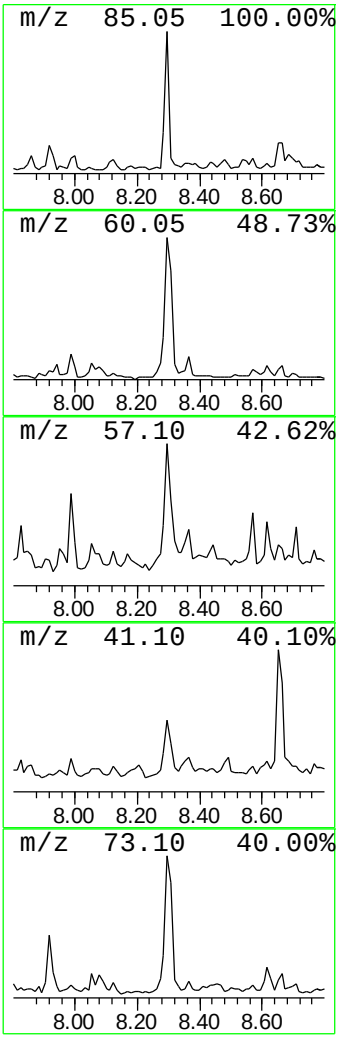
Peak Number 11 unknown8.30 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	3.36 ng	823999	Naphthalene-d8	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiazole	85	C3H3NS	000288-47-1	38
2	1,5-Heptadien-4-ol, 3,3,6-trimet...	154	C10H18O	027644-04-8	38
3	2-Butanol, 3-(1,3-dimethylbutoxy)-	174	C10H22O2	074810-45-0	37
4	Valeric acid, 2,2-dimethylpropyl...	172	C10H20O2	023361-71-9	35
5	1,2,6-Hexanetriol	134	C6H14O3	000106-69-4	35





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TIC Library : C:\DATABASE\NIST02.L
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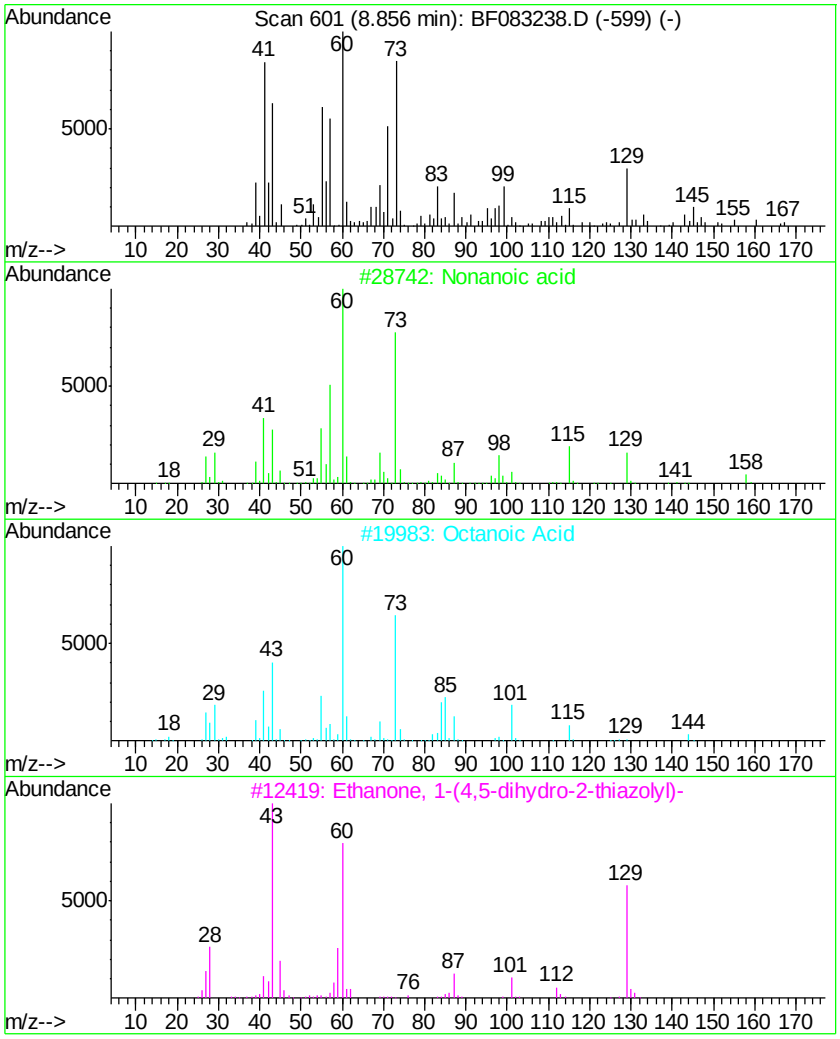
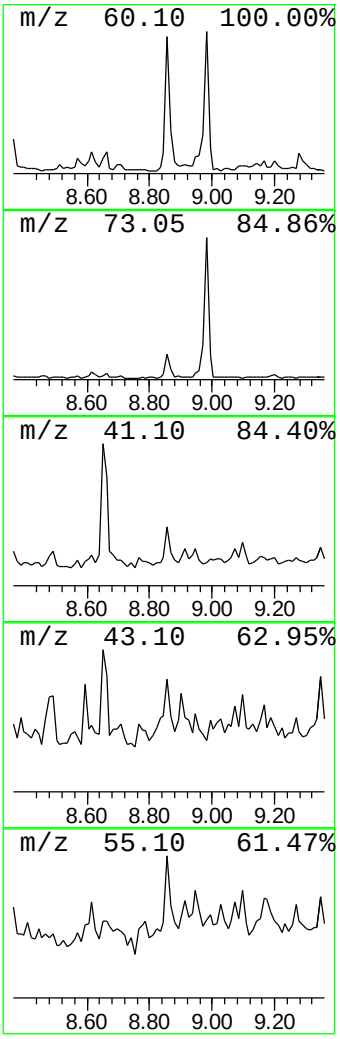
Peak Number 13 unknown8.86 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	2.61 ng	223833	Acenaphthene-d10	9.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid	158	C9H18O2	000112-05-0	43
2	Octanoic Acid	144	C8H16O2	000124-07-2	38
3	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	35
4	Hexanoic acid	116	C6H12O2	000142-62-1	35
5	Amyl Nitrite	117	C5H11NO2	000110-46-3	32





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

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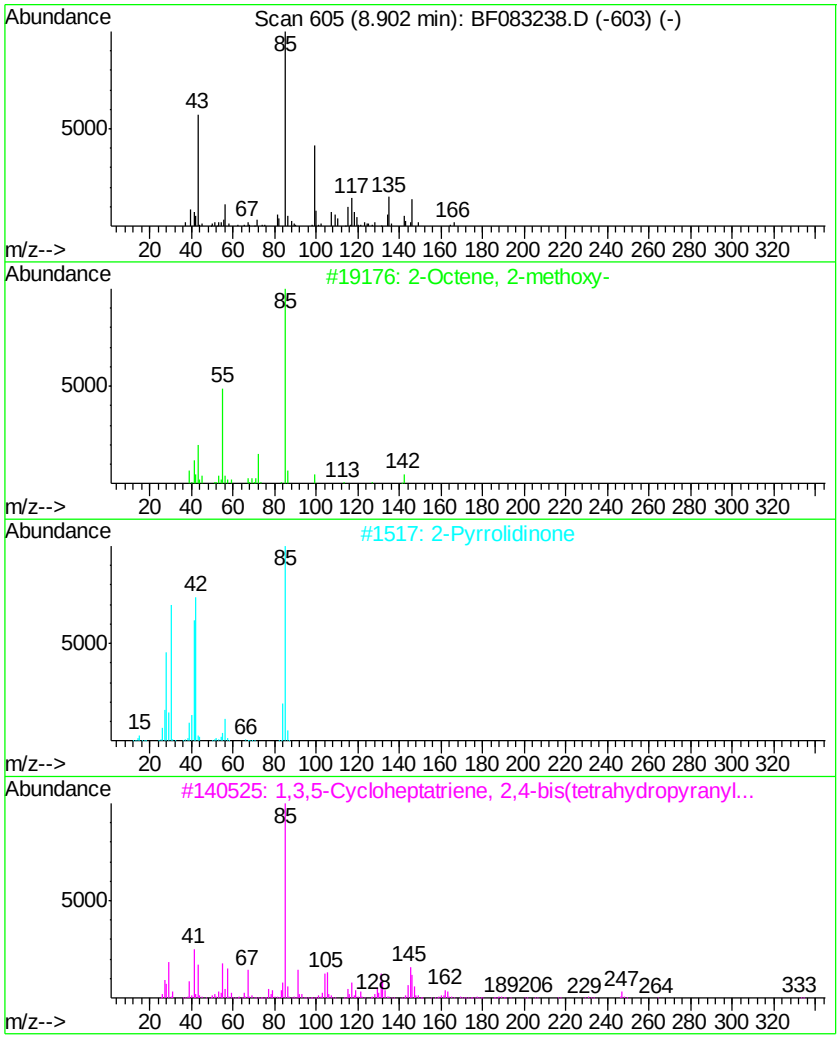
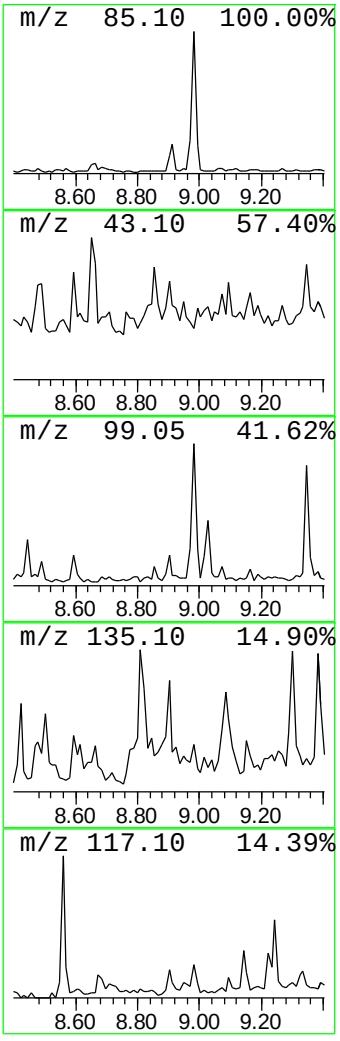
Peak Number 14 unknown8.90 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	2.84 ng	243792	Acenaphthene-d10	9.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2-methoxy-	142	C9H18O	061142-42-5	38
2	2-Pyrrolidinone	85	C4H7NO	000616-45-5	35
3	1,3,5-Cycloheptatriene, 2,4-bis(...	348	C21H32O4	1000160-90-8	25
4	2,4-Pentanedione, 3-acetyl-	142	C7H10O3	000815-68-9	25
5	2-[1-Nitro-2-(tetrahydro-pyran-2...	273	C13H23NO5	1000190-43-2	23





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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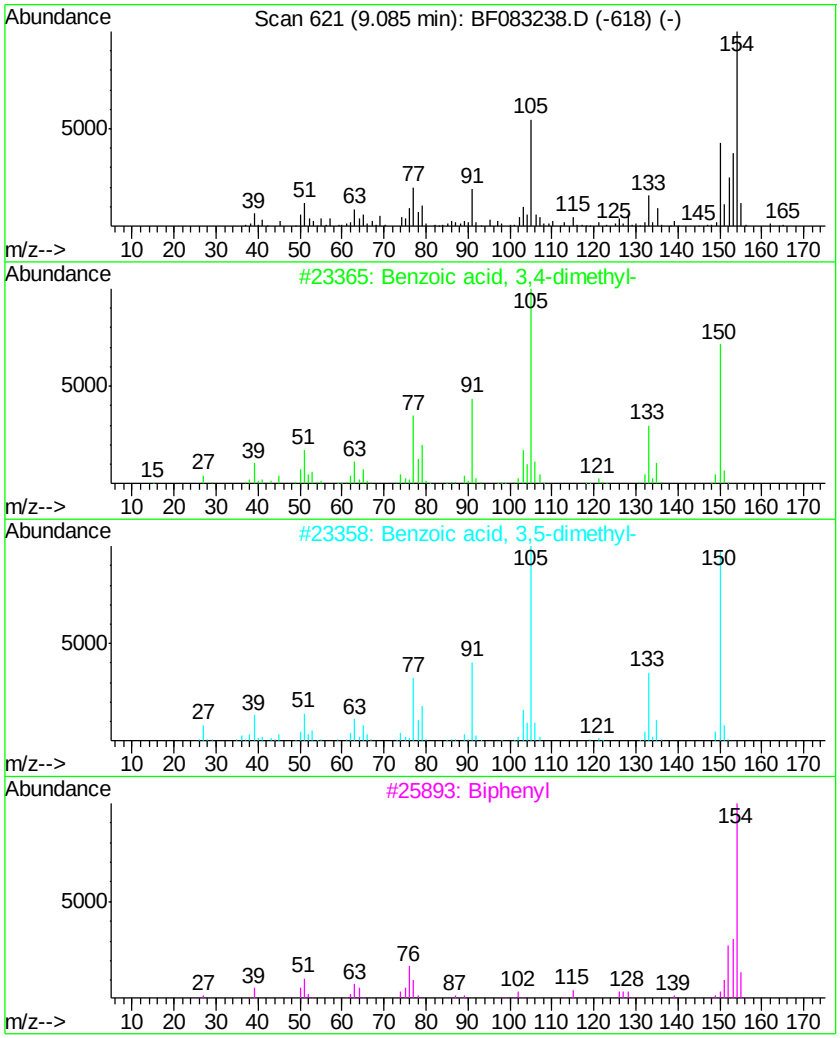
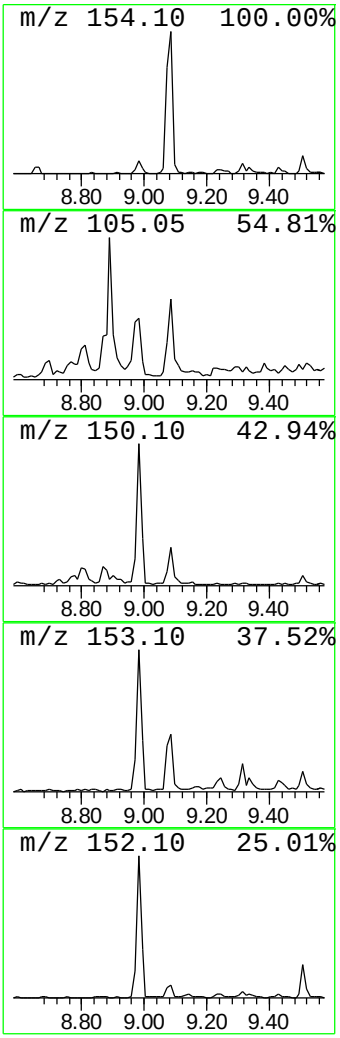
Peak Number 15 Benzoic acid, 3,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	4.97 ng	426359	Acenaphthene-d10	9.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3,4-dimethyl-	150	C9H10O2	000619-04-5	83
2	Benzoic acid, 3,5-dimethyl-	150	C9H10O2	000499-06-9	83
3	Biphenyl	154	C12H10	000092-52-4	55
4	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	46
5	Acenaphthene	154	C12H10	000083-32-9	38





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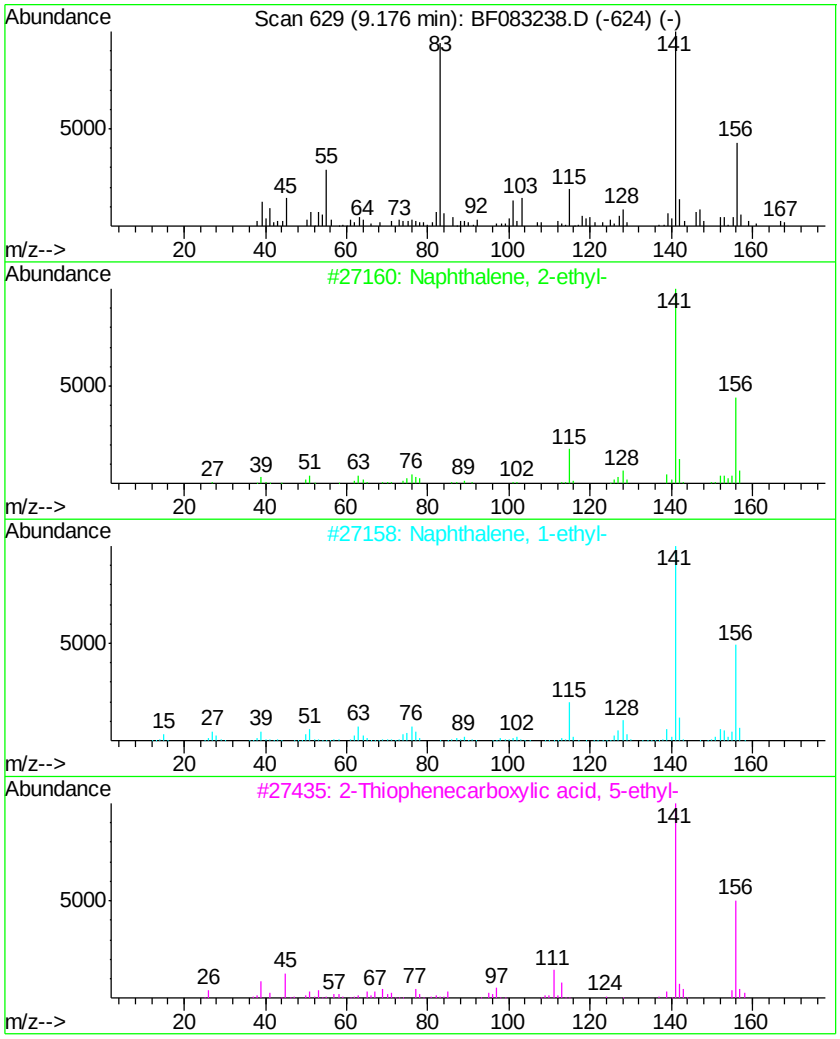
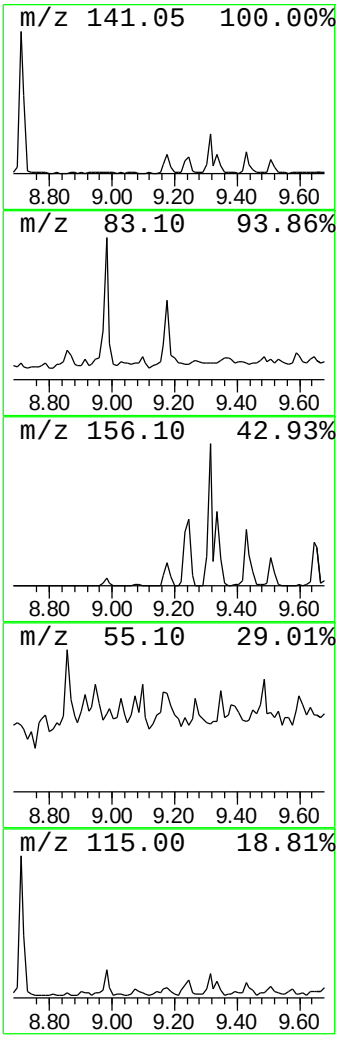
Peak Number 16 Naphthalene, 2-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	2.61 ng	223967	Acenaphthene-d10	9.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	70
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	55
3	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	38
4	2',5'-Difluoroacetophenone	156	C8H6F2O	001979-36-8	38
5	3',4'-Difluoroacetophenone	156	C8H6F2O	000369-33-5	32





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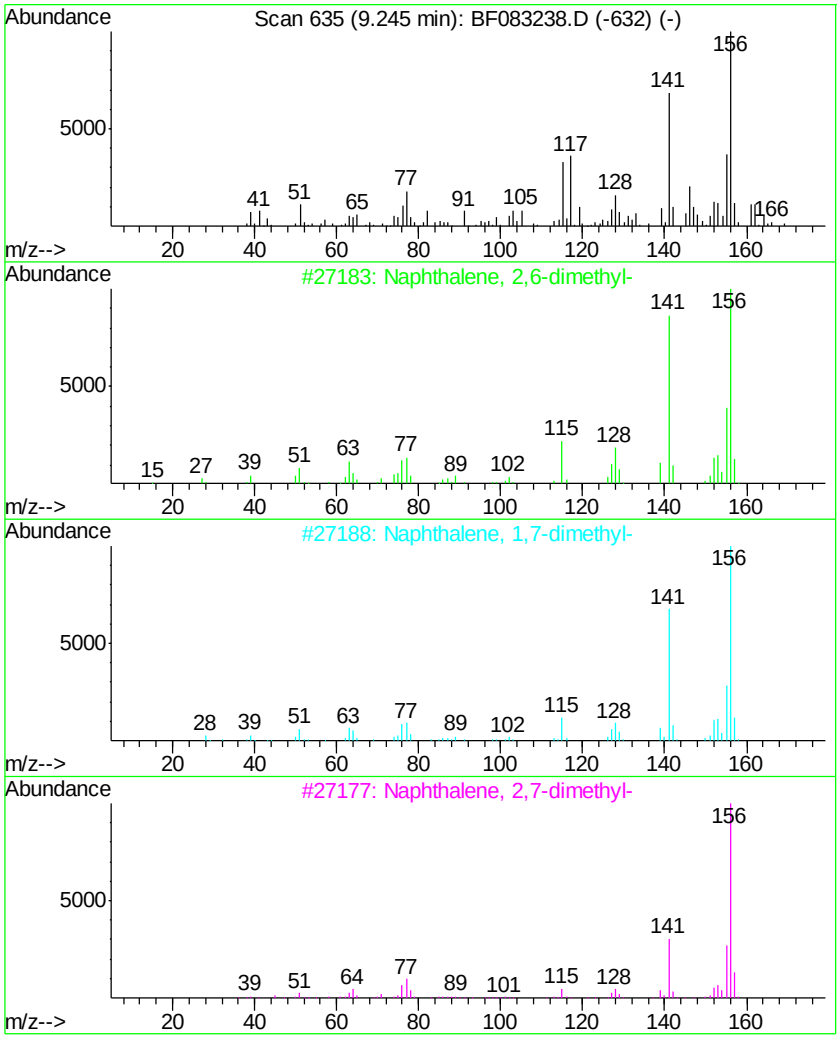
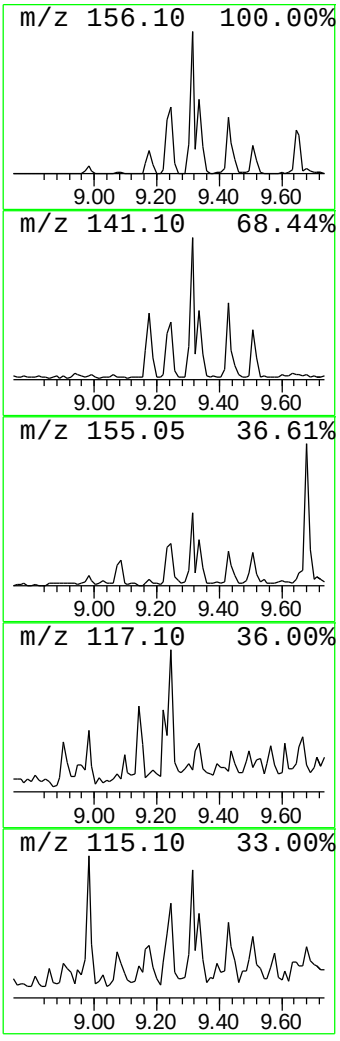
Peak Number 17 Naphthalene, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	3.08 ng	263761	Acenaphthene-d10	9.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94





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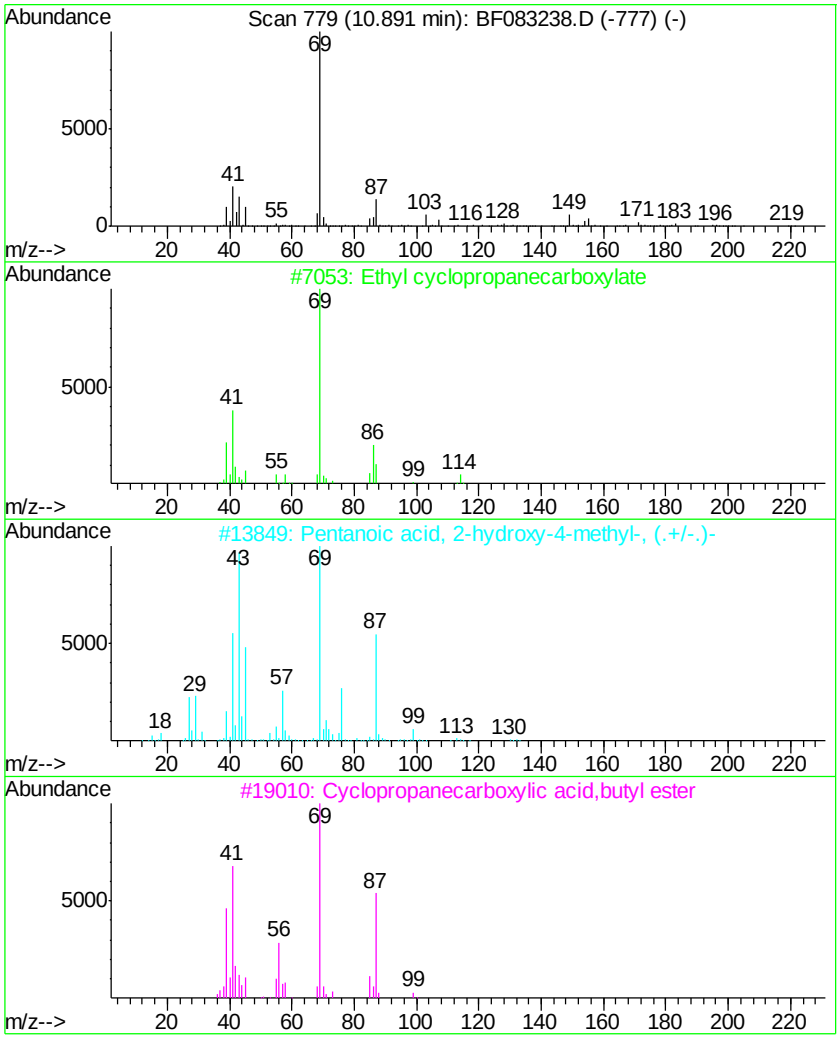
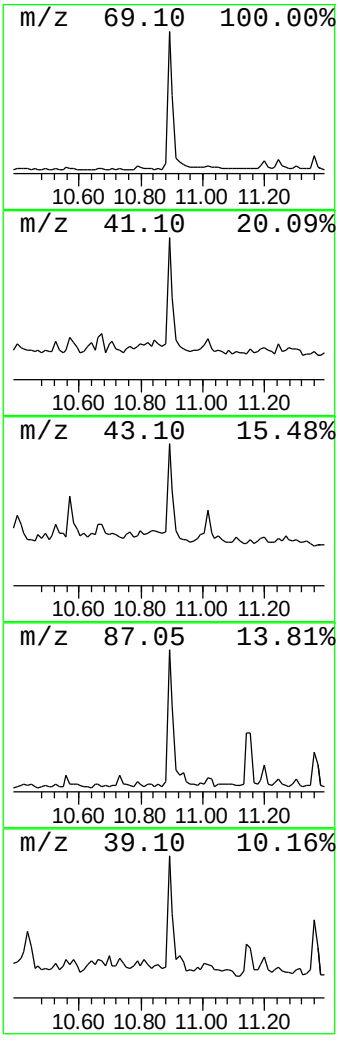
Peak Number 18 unknown10.89 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	4.01 ng	593669	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	39
2	Pentanoic acid, 2-hydroxy-4-meth...	132	C6H12O3	010303-64-7	9
3	Cyclopropanecarboxylic acid,buty...	142	C8H14O2	054947-39-6	9
4	Cyclopropanecarboxylic acid,isob...	142	C8H14O2	064969-79-5	9
5	4-Heptanol, 2,6-dimethyl-	144	C9H20O	000108-82-7	9





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TIC Library : C:\DATABASE\NIST02.L
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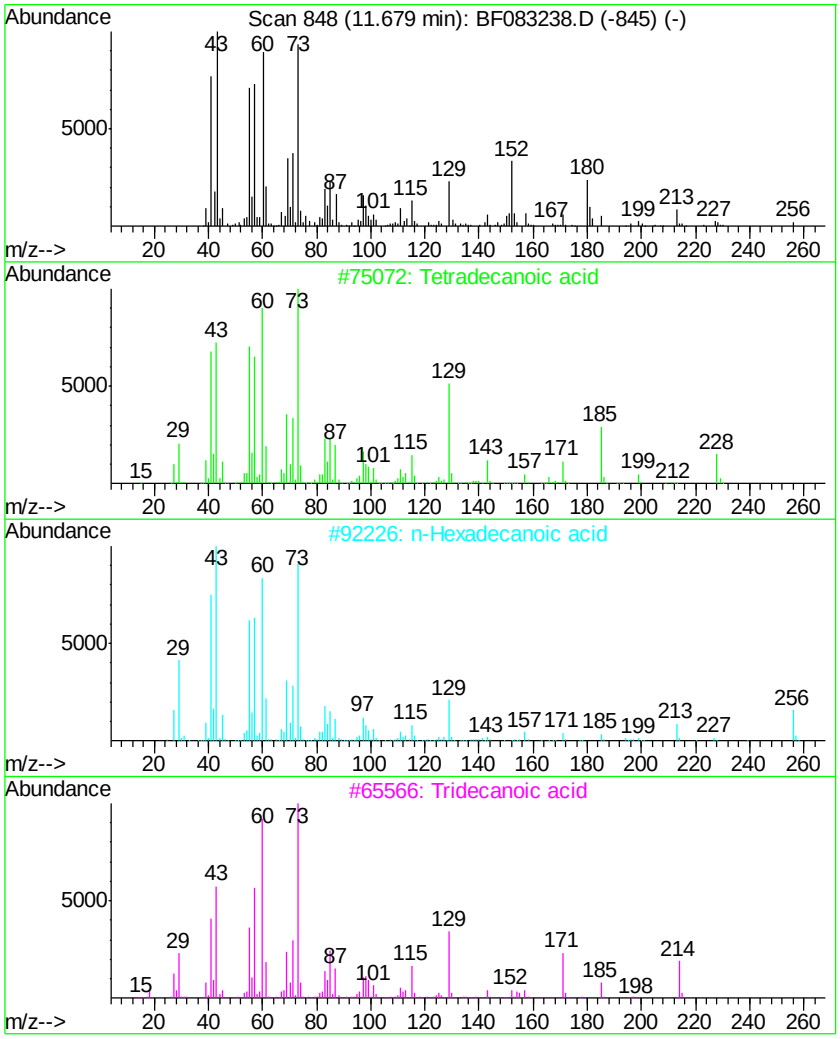
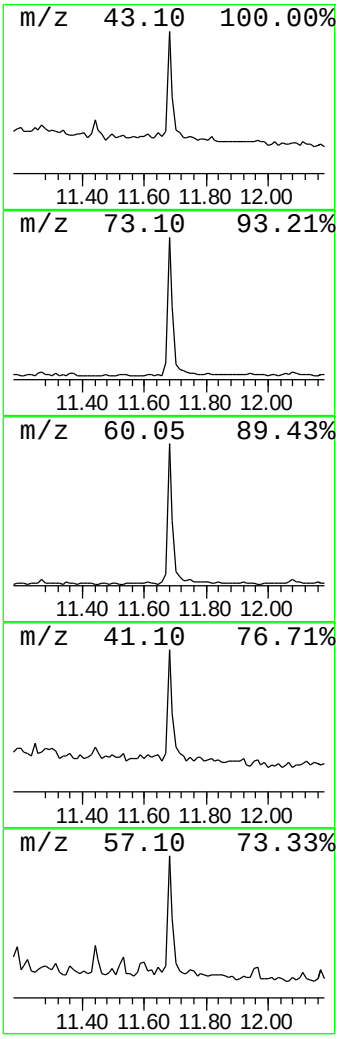
Peak Number 19 Tetradecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	4.48 ng	662901	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
3	Tridecanoic acid	214	C13H26O2	000638-53-9	68
4	Undecanoic acid	186	C11H22O2	000112-37-8	58
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58





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Acq On : 24 Nov 2015 15:50
Operator : UM/IZ
Sample : G4503-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

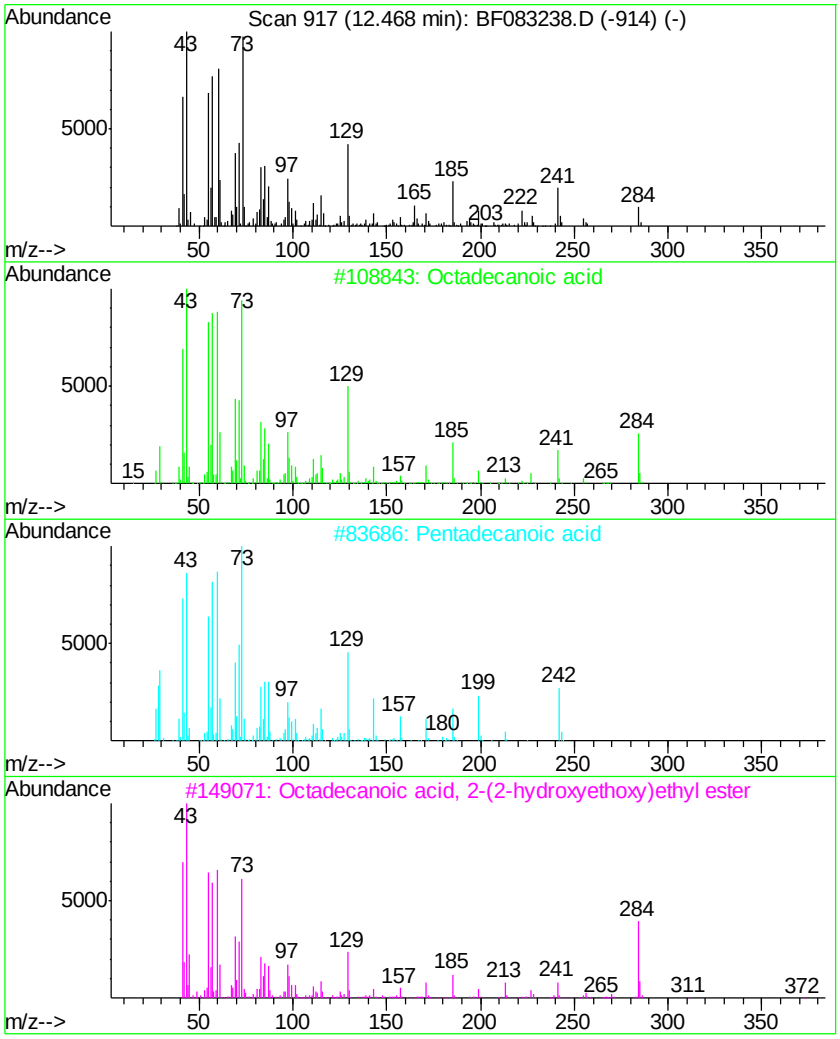
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

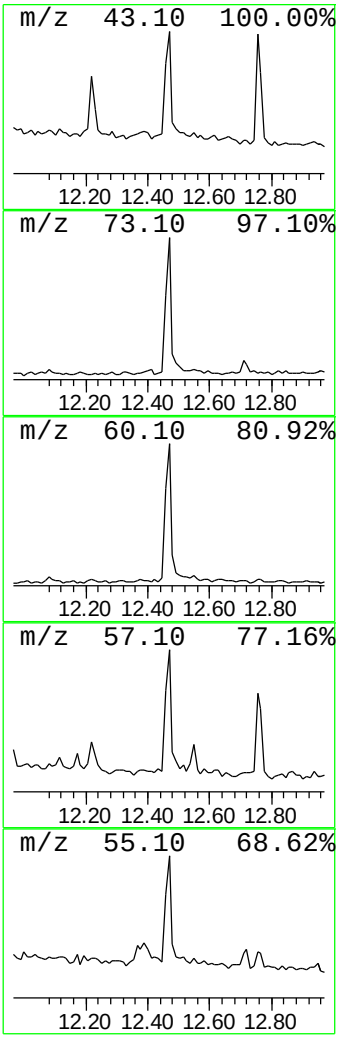
****

Peak Number 20 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	5.83 ng	408978	Chrysene-d12	13.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083238.D
Acq On : 24 Nov 2015 15:50
Operator : UM/IZ
Sample : G4503-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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...	4.73	17.5	ng	991964	1	6.60	1132630	20.0
unknown4.87	4.87	3.7	ng	206990	1	6.60	1132630	20.0
Butanoic acid, 2-...	5.03	3.1	ng	177808	1	6.60	1132630	20.0
unknown5.37	5.37	2.7	ng	150502	1	6.60	1132630	20.0
2,5-Hexanedione	5.77	3.9	ng	221366	1	6.60	1132630	20.0
2-Heptanone, 6-me...	6.04	7.0	ng	399500	1	6.60	1132630	20.0
2-Cyclopenten-1-o...	6.17	3.7	ng	207964	1	6.60	1132630	20.0
unknown6.39	6.39	88.7	ng	5020890	1	6.60	1132630	20.0
1-Butoxy-2-ethylh...	6.70	3.4	ng	190205	1	6.60	1132630	20.0
unknown8.30	8.30	3.4	ng	823999	2	7.90	4899140	20.0
unknown8.86	8.86	2.6	ng	223833	3	9.64	1714870	20.0
unknown8.90	8.90	2.8	ng	243792	3	9.64	1714870	20.0
Benzoic acid, 3,4...	9.08	5.0	ng	426359	3	9.64	1714870	20.0
Naphthalene, 2-et...	9.18	2.6	ng	223967	3	9.64	1714870	20.0
Naphthalene, 2,6-...	9.24	3.1	ng	263761	3	9.64	1714870	20.0
unknown10.89	10.89	4.0	ng	593669	4	11.13	2959530	20.0
Tetradecanoic acid	11.68	4.5	ng	662901	4	11.13	2959530	20.0
Octadecanoic acid	12.47	5.8	ng	408978	5	13.75	1401930	20.0