LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118983.D
Acq On : 21 Feb 2020 2:56
Operator : CG/JU
Sample : L1551-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-01-007-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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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	4.316	376	379	388	rBV	148990	195941	12.21%	1.135%
2	4.951	483	487	495	rVB	285536	286075	17.82%	1.657%
3	5.381	557	560	568	rBV	326948	332728	20.73%	1.928%
4	6.398	729	733	743	rBV	1225614	1081106	67.35%	6.264%
5	6.757	791	794	798	rBV	1035280	915254	57.02%	5.303%
6	6.916	817	821	825	rBV	1535041	1220313	76.02%	7.070%
7	7.316	886	889	895	rBV	945203	808449	50.36%	4.684%
8	7.687	942	952	956	rVB5	10256	24045	1.50%	0.139%
9	8.040	1008	1012	1015	rBV	1364027	1105632	68.88%	6.406%
10	8.545	1094	1098	1101	rBV3	20656	22017	1.37%	0.128%
11	8.639	1110	1114	1117	rBV2	28264	27106	1.69%	0.157%
12	8.863	1147	1152	1155	rBV2	23480	29594	1.84%	0.171%
13	9.069	1184	1187	1191	rVB2	34683	28410	1.77%	0.165%
14	9.116	1191	1195	1198	rBV	1816277	1605251	100.00%	9.300%
15	9.204	1206	1210	1214	rBV4	48285	63318	3.94%	0.367%
16	9.375	1236	1239	1244	rVB3	19700	30236	1.88%	0.175%
17	9.451	1250	1252	1254	rBV	33088	25071	1.56%	0.145%
18	9.475	1254	1256	1259	rVB2	23173	20763	1.29%	0.120%
19	9.504	1259	1261	1263	rBV	79626	77233	4.81%	0.447%
20	9.575	1270	1273	1276	rVB4	21534	27057	1.69%	0.157%
21	9.651	1284	1286	1288	rBV	25589	26365	1.64%	0.153%
22	9.704	1291	1295	1297	rVV2	47746	56325	3.51%	0.326%
23	9.728	1297	1299	1303	rVV	54644	50781	3.16%	0.294%
24	9.792	1304	1310	1313	rVV	1318655	1120931	69.83%	6.494%
25	9.822	1313	1315	1318	rVB	56251	49269	3.07%	0.285%
26	9.898	1325	1328	1332	rVB3	24436	33476	2.09%	0.194%
27	9.957	1332	1338	1340	rBV5	21241	40138	2.50%	0.233%
28	9.992	1341	1344	1347	rVB2	45461	46519	2.90%	0.270%
29	10.110	1361	1364	1366	rBV	28106	29026	1.81%	0.168%
30	10.204	1376	1380	1381	rBV3	25467	28298	1.76%	0.164%
31	10.228	1381	1384	1386	rVB2	59206	48311	3.01%	0.280%
32	10.333	1399	1402	1409	rBV3	41407	60745	3.78%	0.352%
33	10.451	1419	1422	1425	rVB	55651	45791	2.85%	0.265%
34	10.498	1427	1430	1434	rVB5	25264	33378	2.08%	0.193%

LSC Area Percent Report

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Acq On : 21 Feb 2020 2:56
Operator : CG/JU
Sample : L1551-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-01-007-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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.533	1434	1436	1439	rBV3	16179	23869	1.49%	0.138%
36	10.575	1440	1443	1447	rVB4	58283	64646	4.03%	0.375%
37	10.710	1461	1466	1472	rVB3	125526	188962	11.77%	1.095%
38	10.763	1472	1475	1477	rBV	77990	70860	4.41%	0.411%
39	10.798	1478	1481	1484	rVV2	75289	93943	5.85%	0.544%
40	10.828	1484	1486	1488	rVV2	75456	69466	4.33%	0.402%
41	10.851	1488	1490	1493	rVV2	46955	48358	3.01%	0.280%
42	10.886	1493	1496	1498	rVV4	43841	61524	3.83%	0.356%
43	10.910	1498	1500	1502	rVV2	55498	52583	3.28%	0.305%
44	10.939	1502	1505	1509	rVV3	73389	95719	5.96%	0.555%
45	10.975	1509	1511	1514	rVV	60716	68327	4.26%	0.396%
46	11.016	1517	1518	1523	rVV2	55973	61852	3.85%	0.358%
47	11.081	1527	1529	1533	rBV2	27105	28687	1.79%	0.166%
48	11.145	1538	1540	1542	rVV2	64372	61533	3.83%	0.357%
49	11.181	1542	1546	1549	rVB3	105229	122754	7.65%	0.711%
50	11.275	1558	1562	1564	rBV	1064245	957731	59.66%	5.549%
51	11.298	1564	1566	1569	rVV	293870	247640	15.43%	1.435%
52	11.345	1572	1574	1578	rVB	71701	76394	4.76%	0.443%
53	11.504	1599	1601	1603	rBV	23570	24160	1.51%	0.140%
54	11.575	1610	1613	1615	rVB	57893	51133	3.19%	0.296%
55	11.775	1645	1647	1649	rBV	38710	28530	1.78%	0.165%
56	11.804	1649	1652	1655	rBV	109726	98215	6.12%	0.569%
57	11.886	1663	1666	1668	rBV2	73266	74779	4.66%	0.433%
58	11.980	1679	1682	1684	rBV2	51396	48201	3.00%	0.279%
59	12.322	1738	1740	1743	rBV	74979	71041	4.43%	0.412%
60	12.480	1764	1767	1770	rBV	466110	440606	27.45%	2.553%
61	12.710	1803	1806	1809	rVB	426037	359688	22.41%	2.084%
62	12.851	1827	1830	1839	rVB	1594078	1509127	94.01%	8.743%
63	13.910	2006	2010	2013	rBV2	1256110	1322119	82.36%	7.660%
64	15.339	2250	2253	2262	rVB	784055	1242634	77.41%	7.199%

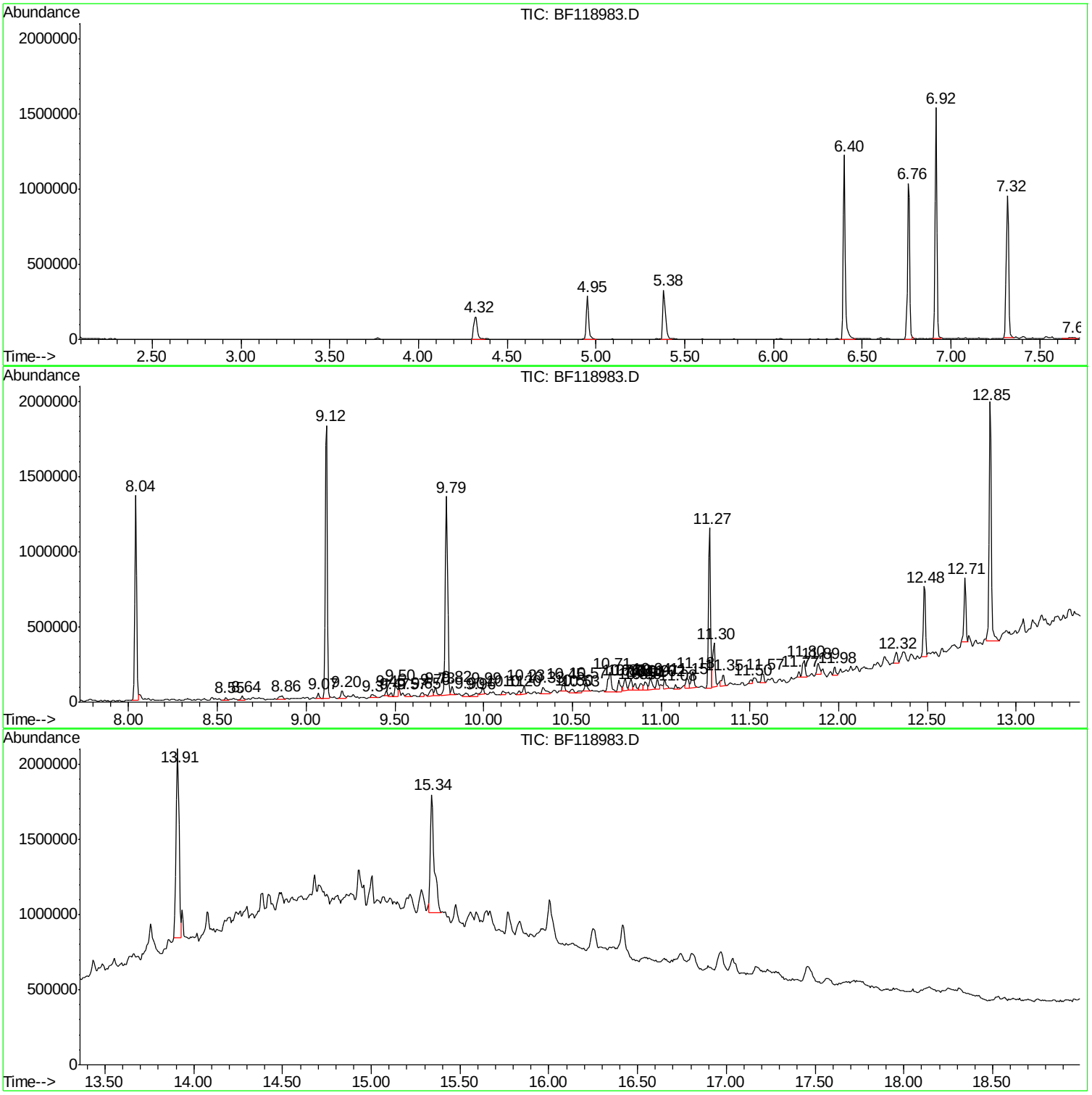
Sum of corrected areas: 17260033

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118983.D
Acq On : 21 Feb 2020 2:56
Operator : CG/JU
Sample : L1551-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-007-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118983.D
Acq On : 21 Feb 2020 2:56
Operator : CG/JU
Sample : L1551-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-01-007-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

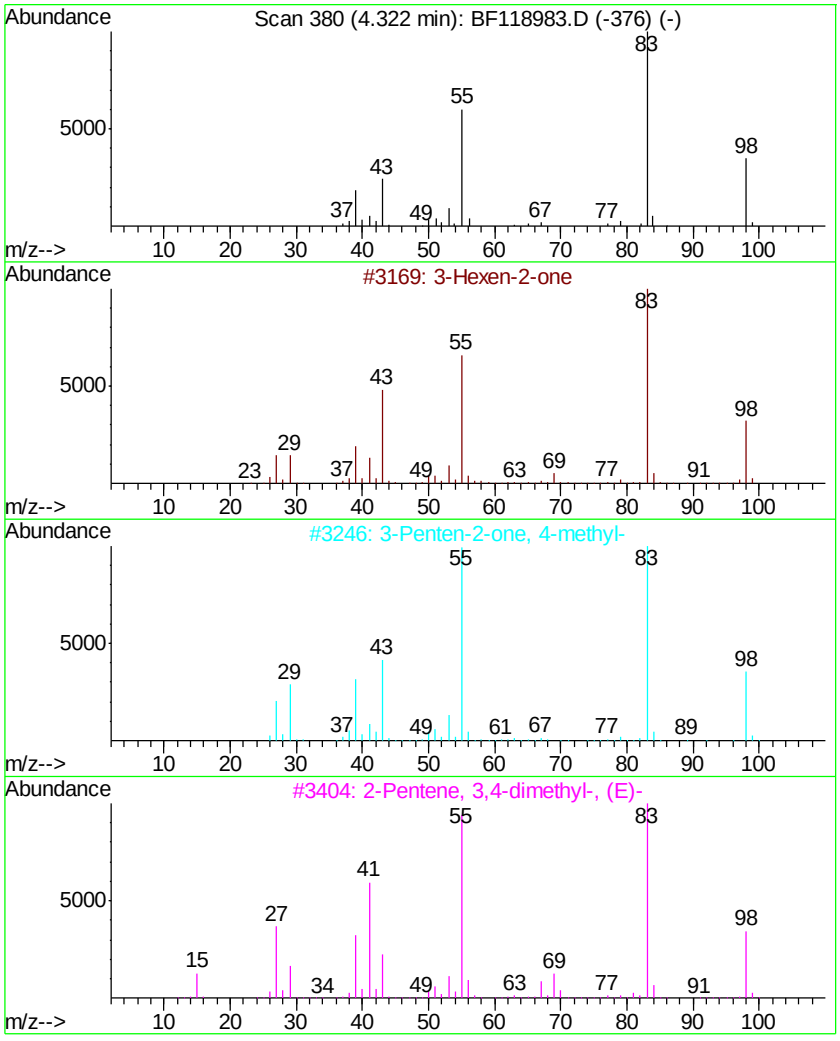
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

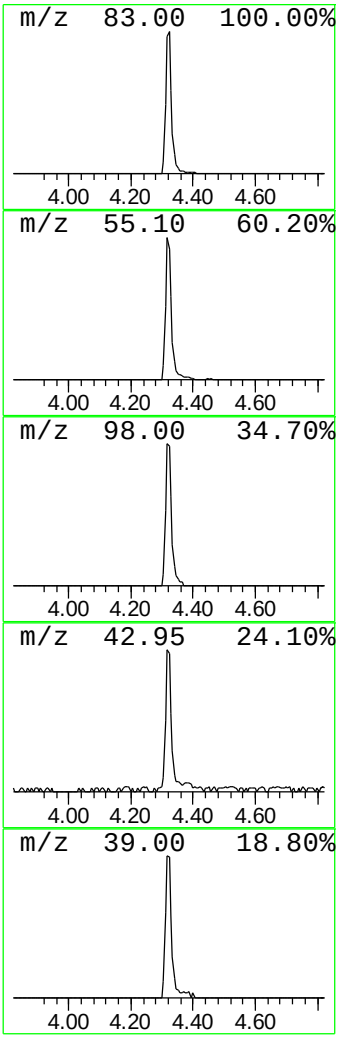
****

Peak Number 1 3-Hexen-2-one Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.32	4.28 ng	195941	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-2-one	98	C6H10O	000763-93-9	91
2	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	Furan, 2-methoxy-	98	C5H6O2	025414-22-6	86
5	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118983.D
Acq On : 21 Feb 2020 2:56
Operator : CG/JU
Sample : L1551-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-01-007-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

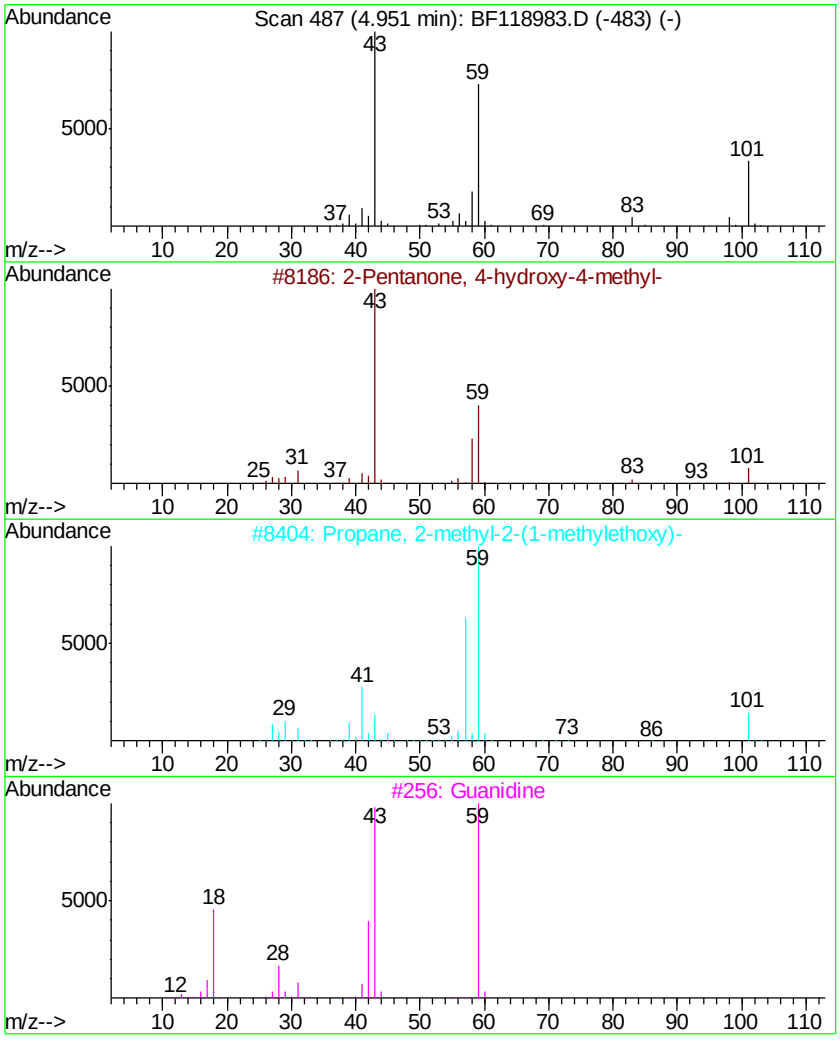
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

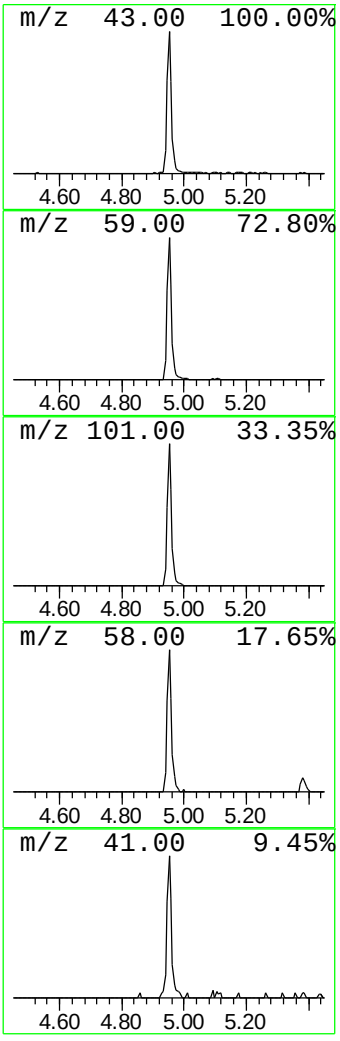
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	6.25 ng	286075	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	50
3	Guanidine	59	CH5N3	000113-00-8	43
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	37
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118983.D
Acq On : 21 Feb 2020 2:56
Operator : CG/JU
Sample : L1551-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-01-007-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

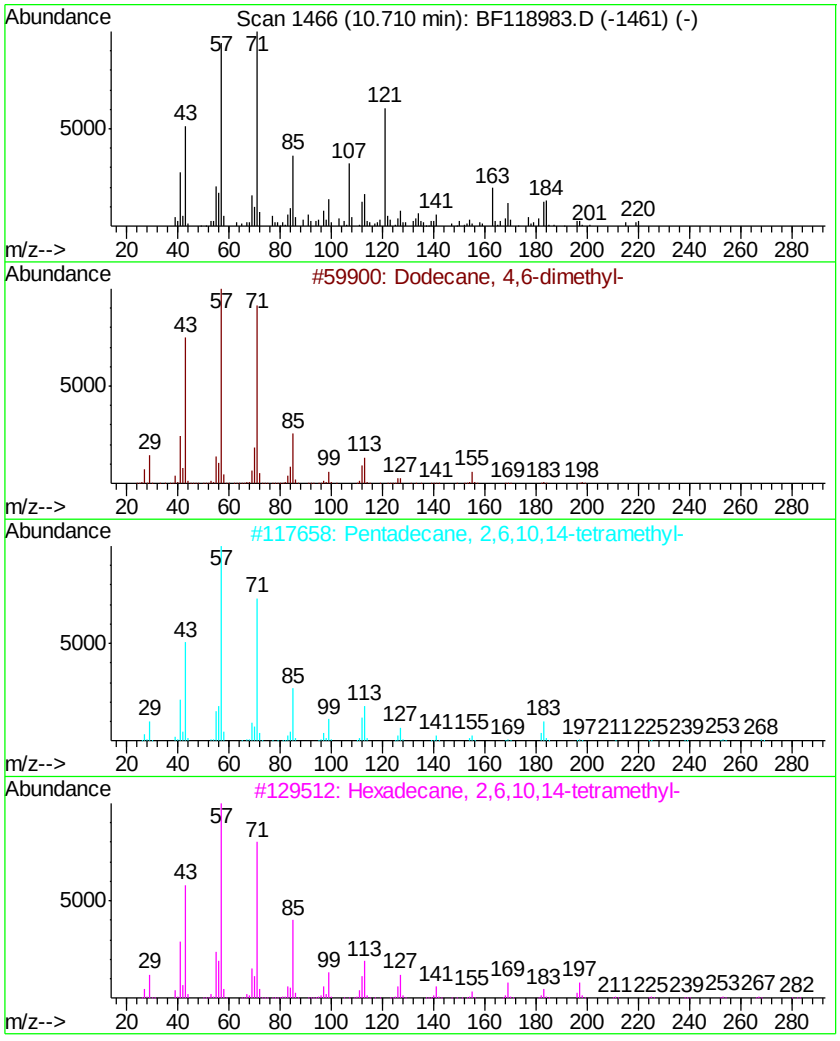
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

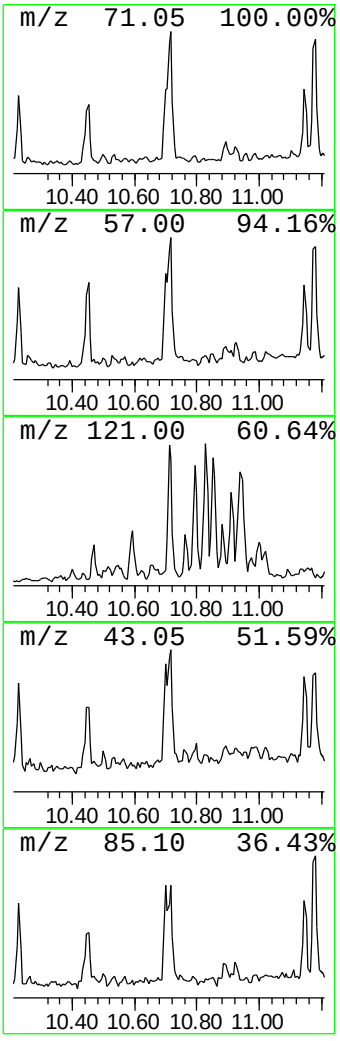
****

Peak Number 4 Dodecane, 4,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	3.95 ng	188962	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	53
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	52
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	52
4	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	46
5	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118983.D
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Sample : L1551-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-01-007-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
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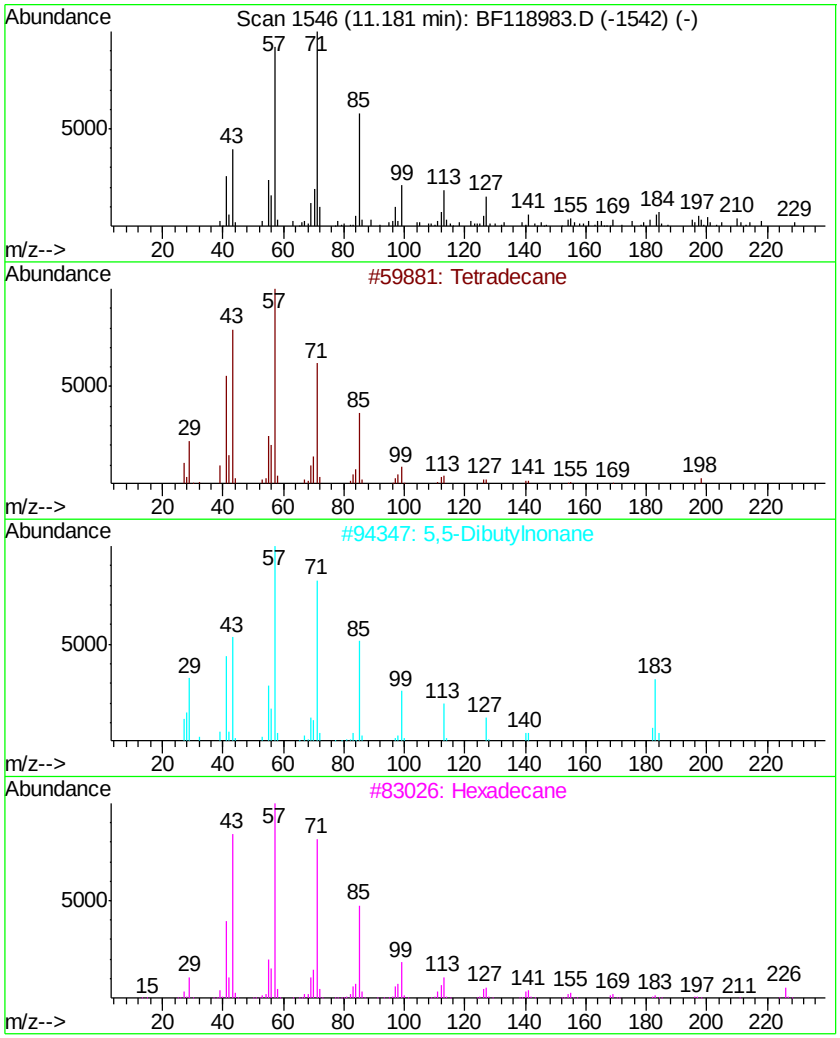
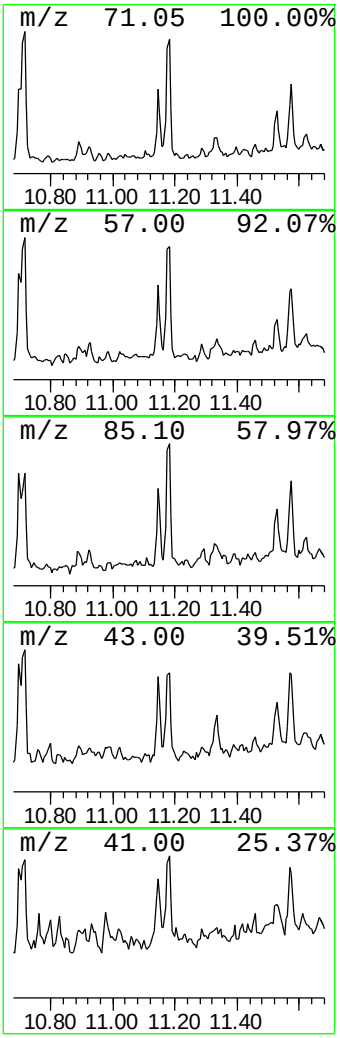
****

Peak Number 5 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	2.56 ng	122754	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	81
2	5,5-Dibutylnonane	240	C17H36	006008-17-9	80
3	Hexadecane	226	C16H34	000544-76-3	80
4	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	72
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64





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Misc :
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Instrument : BNA_F
ClientSampleId : FK-SF-01-007-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

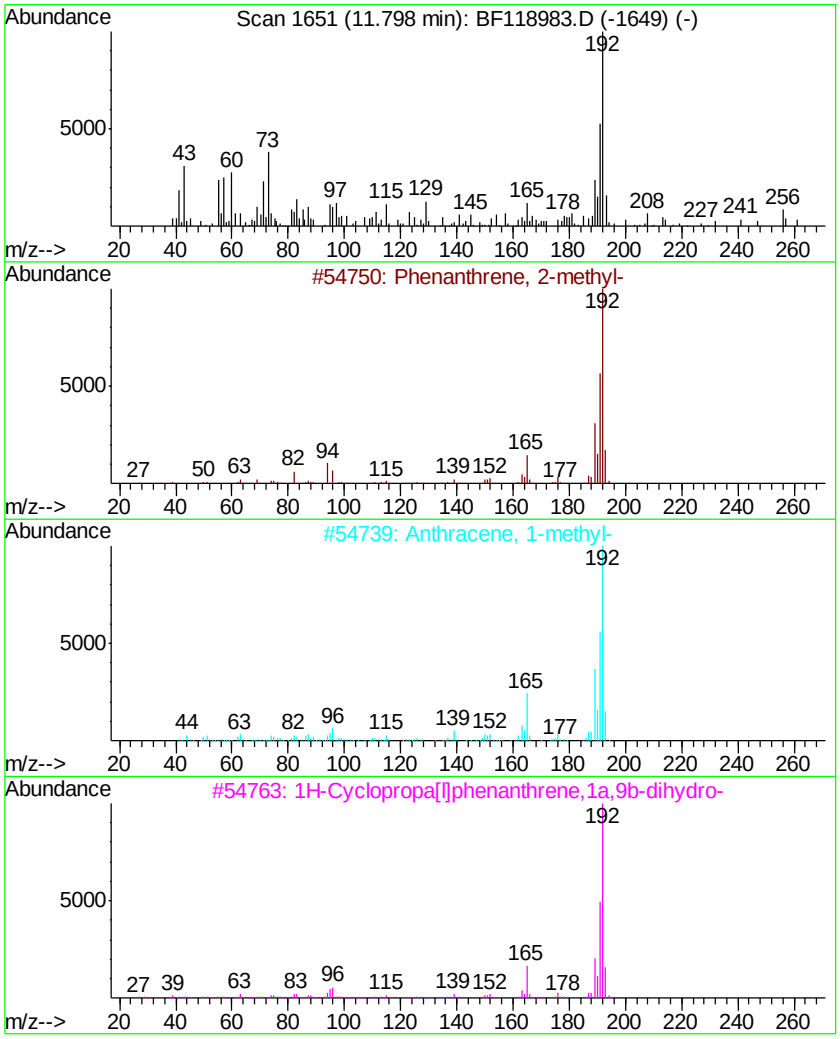
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

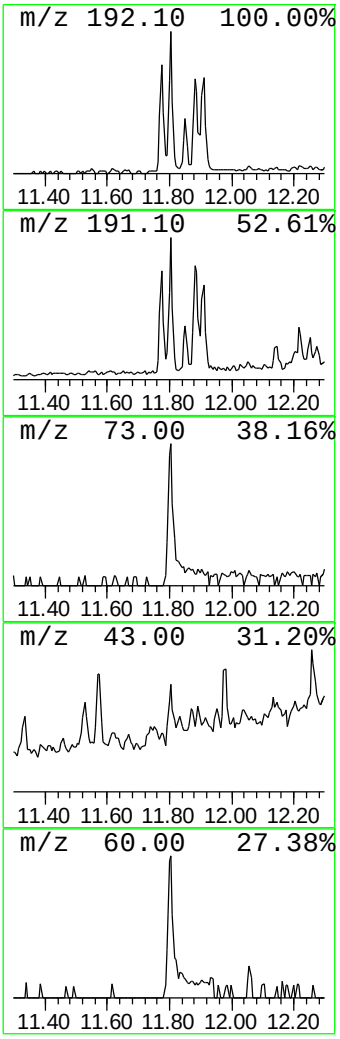
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	2.05 ng	98215	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	92
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022020\
Data File : BF118983.D
Acq On : 21 Feb 2020 2:56
Operator : CG/JU
Sample : L1551-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-01-007-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
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
3-Hexen-2-one	4.32	4.3	ng	195941	1	6.76	915254	20.0
2-Pentanone, 4-hy...	4.95	6.3	ng	286075	1	6.76	915254	20.0
Dodecane, 4,6-dim...	10.71	4.0	ng	188962	4	11.27	957731	20.0
Tetradecane	11.18	2.6	ng	122754	4	11.27	957731	20.0
Phenanthrene, 2-m...	11.80	2.0	ng	98215	4	11.27	957731	20.0