LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104481.D
Acq On : 13 Apr 2018 16:27
Operator : JU/SJ
Sample : J2364-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-C

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-BF040618.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	5.022	495	499	506	rVB	88273	109385	4.23%	0.464%
2	5.422	562	567	570	rBV	2319970	2254477	87.09%	9.559%
3	6.057	673	675	681	rVB	48596	57084	2.21%	0.242%
4	6.439	735	740	745	rBV	2108606	2314268	89.40%	9.813%
5	6.581	759	764	767	rBV	2496818	2358813	91.12%	10.001%
6	6.810	799	803	806	rBV	953606	758614	29.31%	3.217%
7	6.969	825	830	833	rVB	1979242	1869624	72.23%	7.927%
8	7.375	894	899	902	rBV	1611924	1451125	56.06%	6.153%
9	7.557	927	930	935	rVB	38661	35329	1.36%	0.150%
10	7.828	972	976	979	rBV	172751	147068	5.68%	0.624%
11	7.863	979	982	986	rVV	143110	132875	5.13%	0.563%
12	7.904	986	989	993	rVB	39984	33474	1.29%	0.142%
13	8.092	1017	1021	1024	rVB	1259957	997087	38.52%	4.228%
14	8.428	1074	1078	1082	rBV	61420	76057	2.94%	0.322%
15	8.463	1082	1084	1086	rVB	51685	37574	1.45%	0.159%
16	8.492	1086	1089	1094	rBV	76631	92421	3.57%	0.392%
17	8.551	1096	1099	1102	rVB	63605	52641	2.03%	0.223%
18	8.586	1102	1105	1108	rBV	73803	67964	2.63%	0.288%
19	8.869	1150	1153	1155	rBV	40019	38033	1.47%	0.161%
20	8.898	1155	1158	1161	rVB	111338	95680	3.70%	0.406%
21	8.933	1161	1164	1167	rBV3	21528	38400	1.48%	0.163%
22	9.086	1187	1190	1192	rBV3	49700	50767	1.96%	0.215%
23	9.110	1192	1194	1196	rVB	54163	39194	1.51%	0.166%
24	9.169	1200	1204	1207	rBV	2957580	2588603	100.00%	10.976%
25	9.245	1213	1217	1219	rBV2	75038	75503	2.92%	0.320%
26	9.563	1267	1271	1277	rVB	399941	404775	15.64%	1.716%
27	9.710	1294	1296	1299	rBV2	44054	43104	1.67%	0.183%
28	9.757	1302	1304	1306	rVV	71889	64029	2.47%	0.271%
29	9.775	1306	1307	1310	rVB	93401	53644	2.07%	0.227%
30	9.851	1316	1320	1323	rVB	1170203	1016812	39.28%	4.311%
31	9.939	1333	1335	1343	rVB6	21789	40236	1.55%	0.171%
32	10.004	1343	1346	1349	rBV2	29412	34935	1.35%	0.148%
33	10.098	1360	1362	1366	rBV2	32758	35154	1.36%	0.149%
34	10.180	1374	1376	1380	rVB4	36835	29697	1.15%	0.126%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104481.D
Acq On : 13 Apr 2018 16:27
Operator : JU/SJ
Sample : J2364-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-C

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-BF040618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.251	1385	1388	1390	rBV3	35639	40625	1.57%	0.172%
36	10.275	1390	1392	1395	rVB	116603	87378	3.38%	0.370%
37	10.492	1426	1429	1434	rBV	40241	52156	2.01%	0.221%
38	10.639	1450	1454	1457	rBV	1606505	1398281	54.02%	5.929%
39	10.751	1470	1473	1483	rVB	96488	133829	5.17%	0.567%
40	11.198	1546	1549	1551	rBV	41820	35660	1.38%	0.151%
41	11.227	1552	1554	1559	rVB2	35159	37155	1.44%	0.158%
42	11.339	1569	1573	1576	rBV	1105618	912372	35.25%	3.868%
43	12.927	1839	1843	1846	rBV	2124580	1857750	71.77%	7.877%
44	13.204	1887	1890	1897	rVB2	114008	124352	4.80%	0.527%
45	13.557	1948	1950	1953	rVB	180486	139961	5.41%	0.593%
46	13.986	2020	2023	2026	rBV	716971	617187	23.84%	2.617%
47	15.462	2270	2274	2282	rVB	467059	653505	25.25%	2.771%

Sum of corrected areas: 23584657

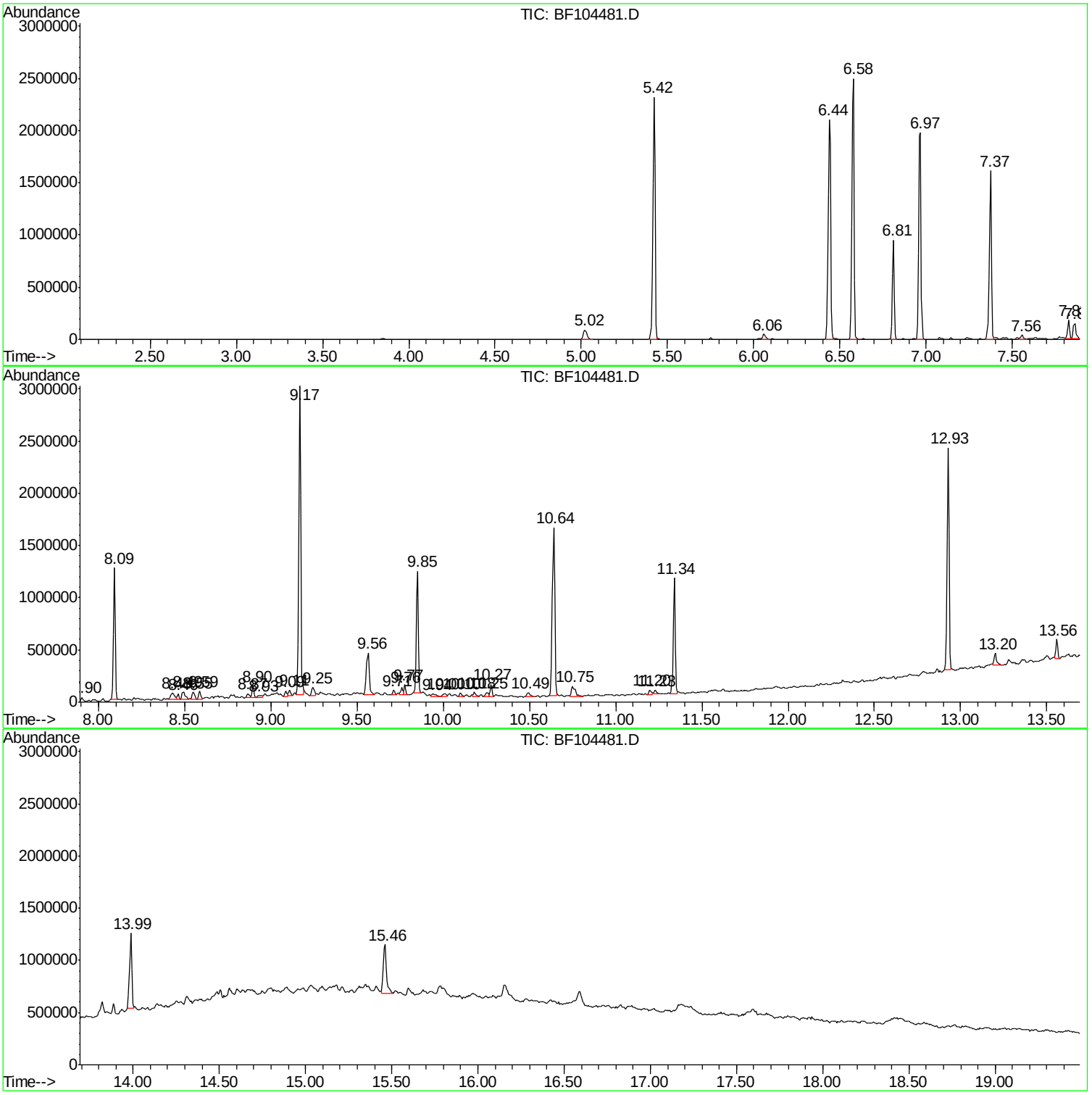
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104481.D
Acq On : 13 Apr 2018 16:27
Operator : JU/SJ
Sample : J2364-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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\BF041318\
Data File : BF104481.D
Acq On : 13 Apr 2018 16:27
Operator : JU/SJ
Sample : J2364-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

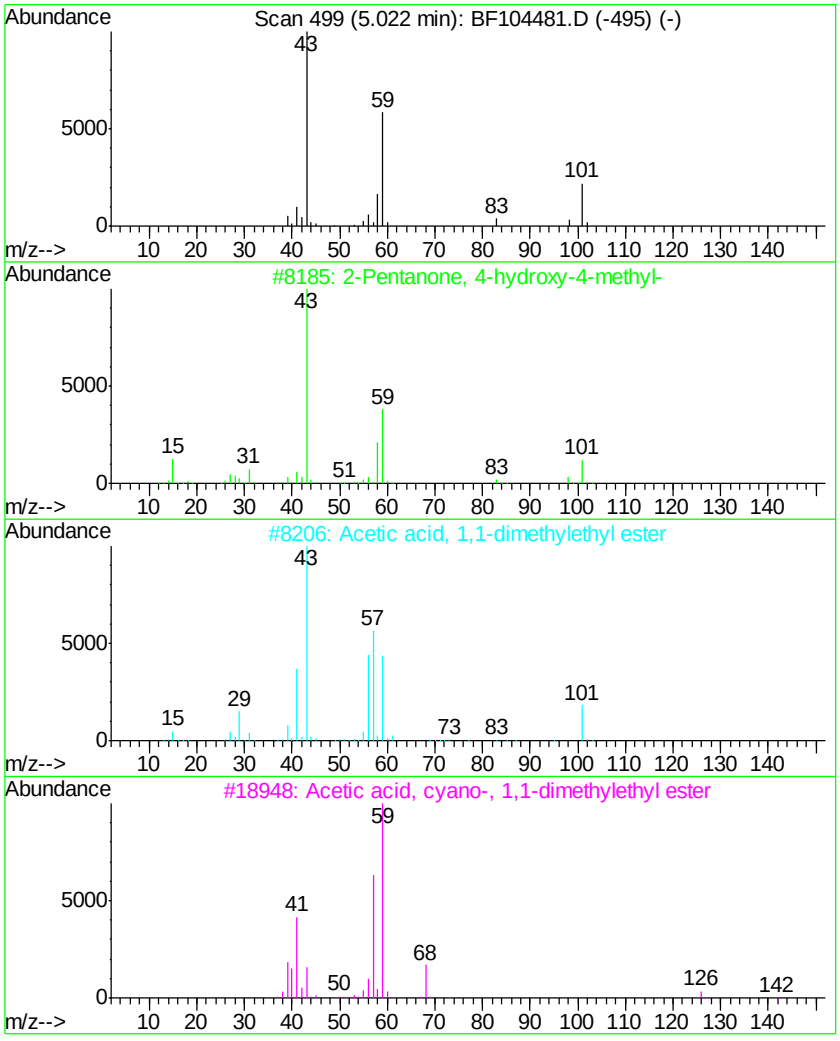
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

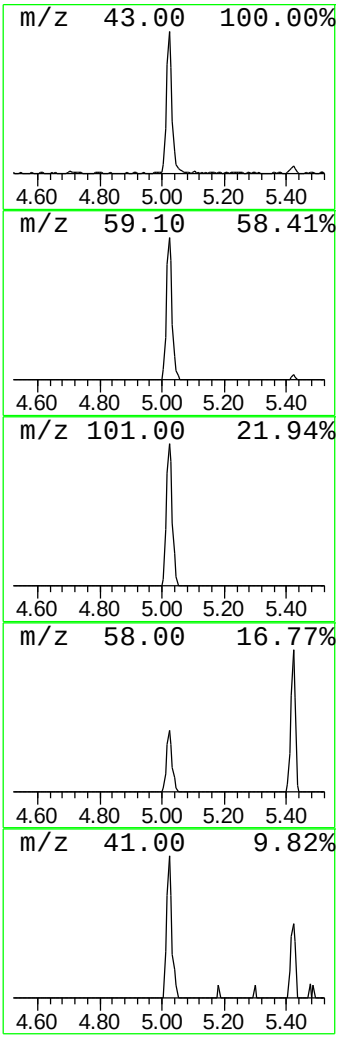
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	2.88 ng	109385	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104481.D
Acq On : 13 Apr 2018 16:27
Operator : JU/SJ
Sample : J2364-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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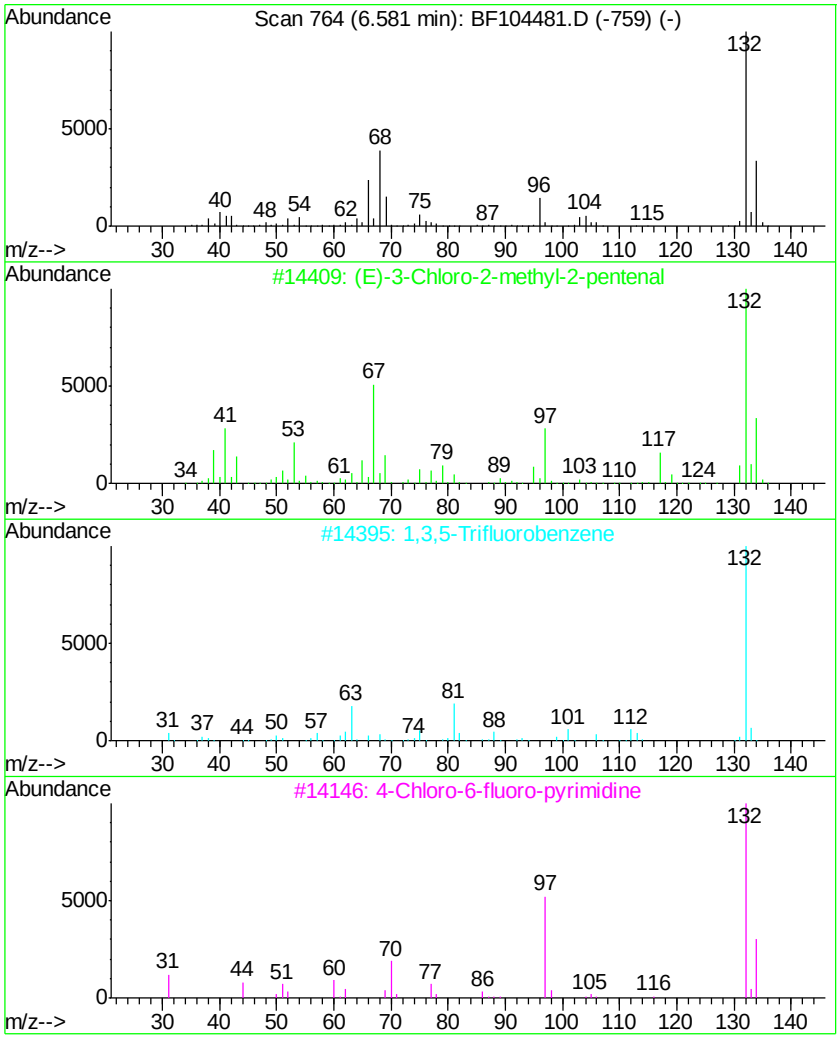
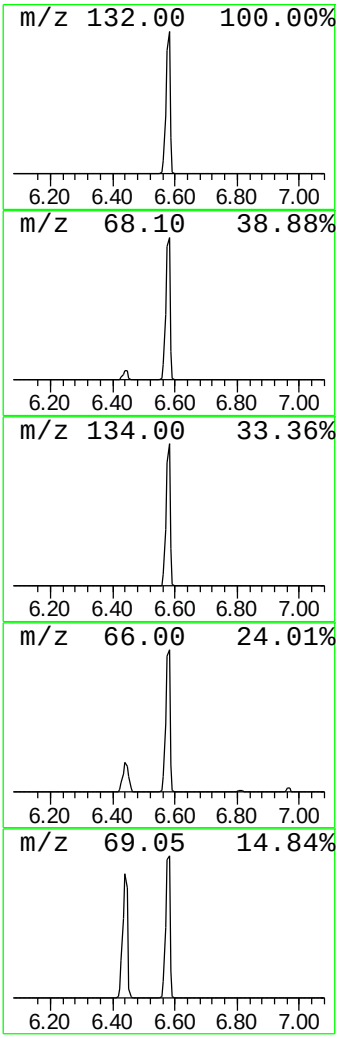
Peak Number 2 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	62.19 ng	2358810	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104481.D
Acq On : 13 Apr 2018 16:27
Operator : JU/SJ
Sample : J2364-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

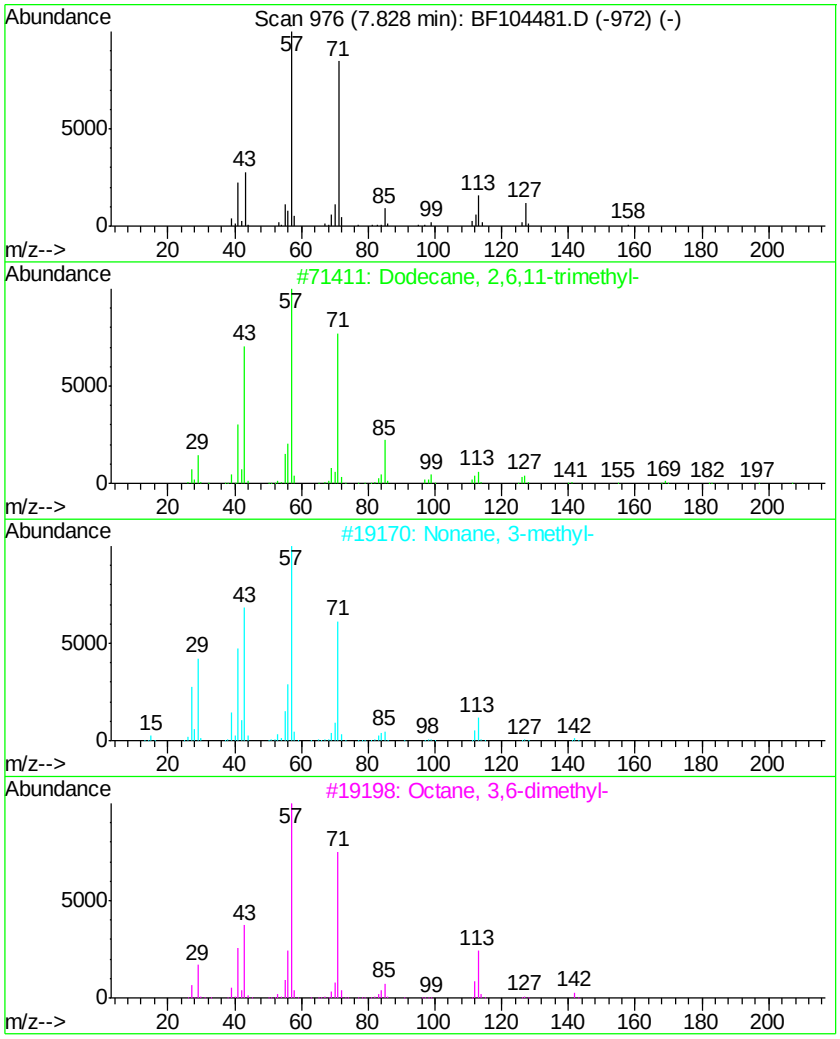
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

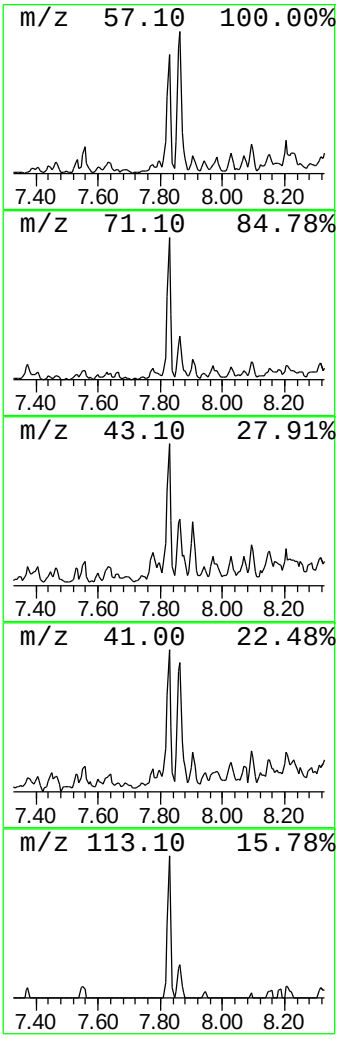
****

Peak Number 4 Dodecane, 2,6,11-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	2.95 ng	147068	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	78
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
4	Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	74
5	Octane, 2-bromo-	192	C8H17Br	000557-35-7	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104481.D
Acq On : 13 Apr 2018 16:27
Operator : JU/SJ
Sample : J2364-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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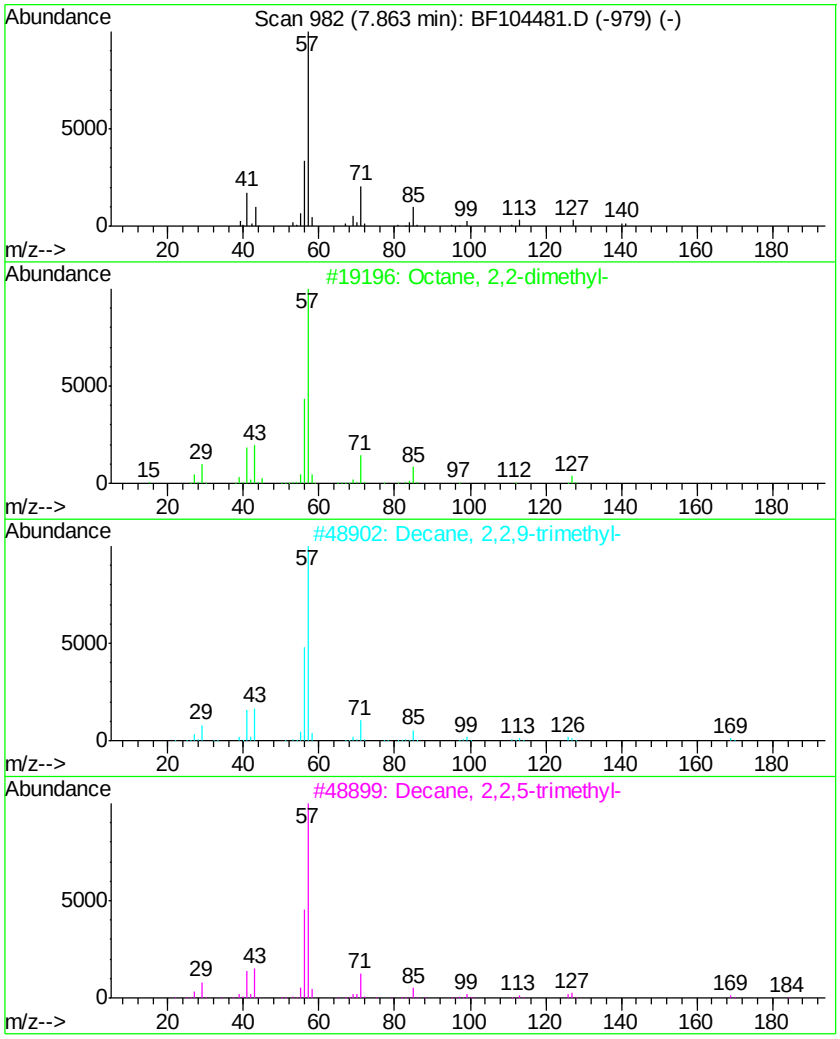
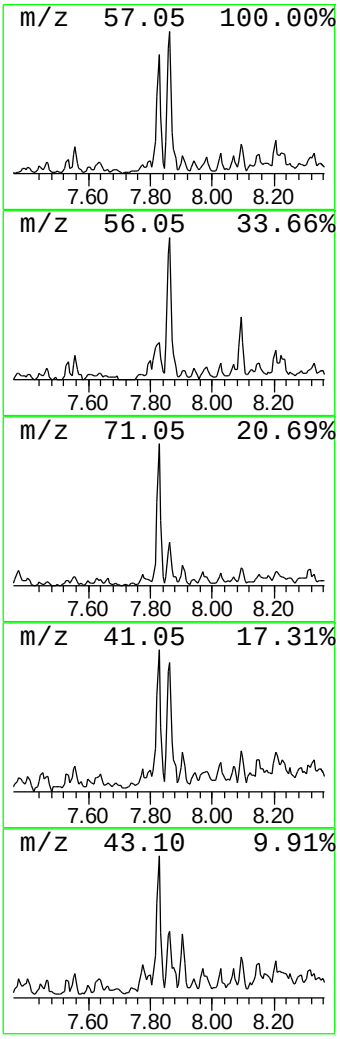
Peak Number 5 Octane, 2,2-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	2.67 ng	132875	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	72
2	Decane, 2,2,9-trimethyl-	184	C13H28	062238-00-0	64
3	Decane, 2,2,5-trimethyl-	184	C13H28	062237-96-1	64
4	Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	64
5	Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104481.D
Acq On : 13 Apr 2018 16:27
Operator : JU/SJ
Sample : J2364-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

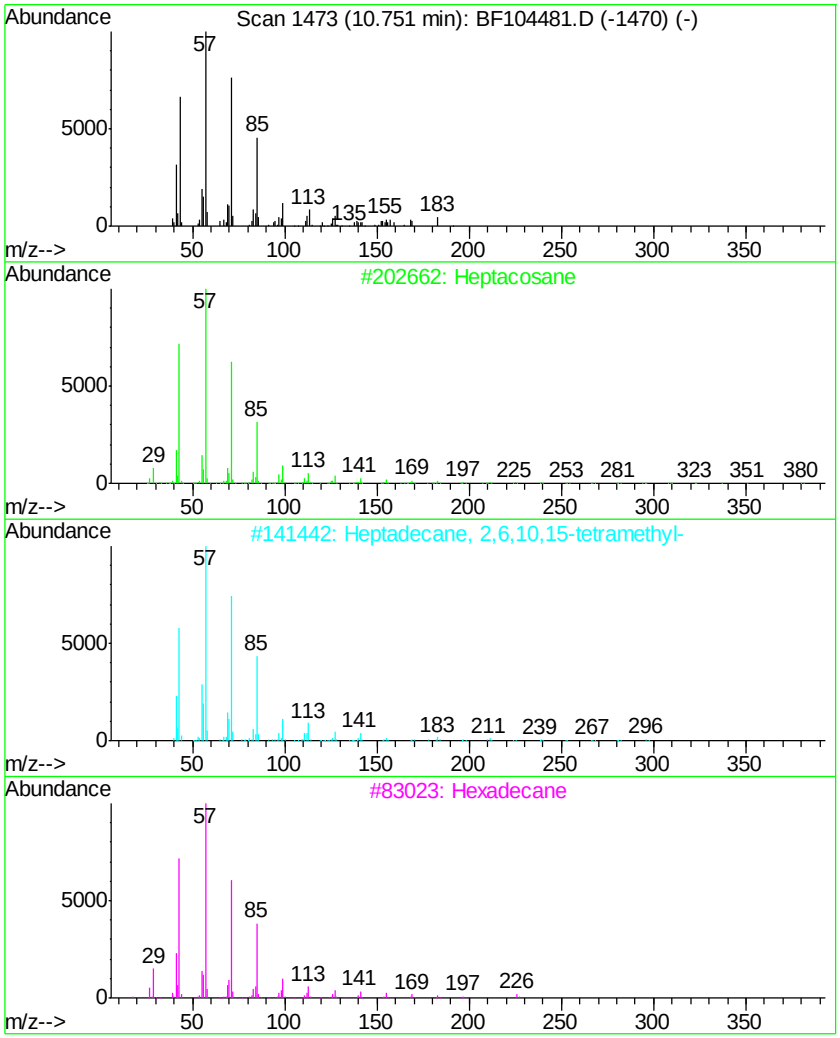
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

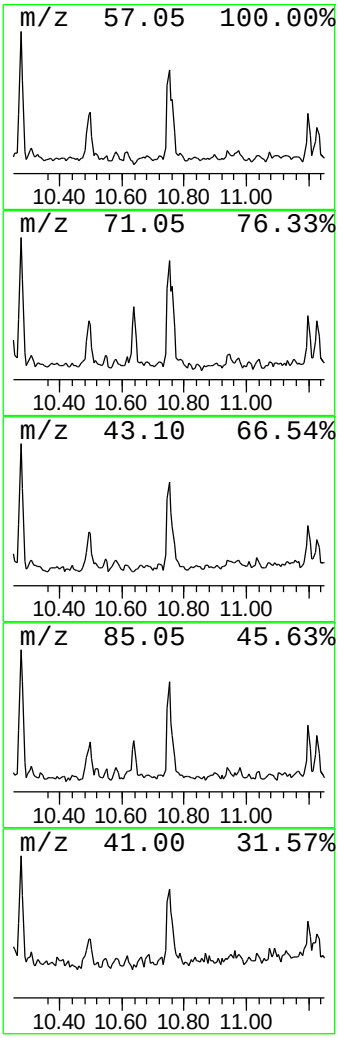
****

Peak Number 6 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	2.93 ng	133829	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
5	Octacosane	394	C28H58	000630-02-4	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104481.D
Acq On : 13 Apr 2018 16:27
Operator : JU/SJ
Sample : J2364-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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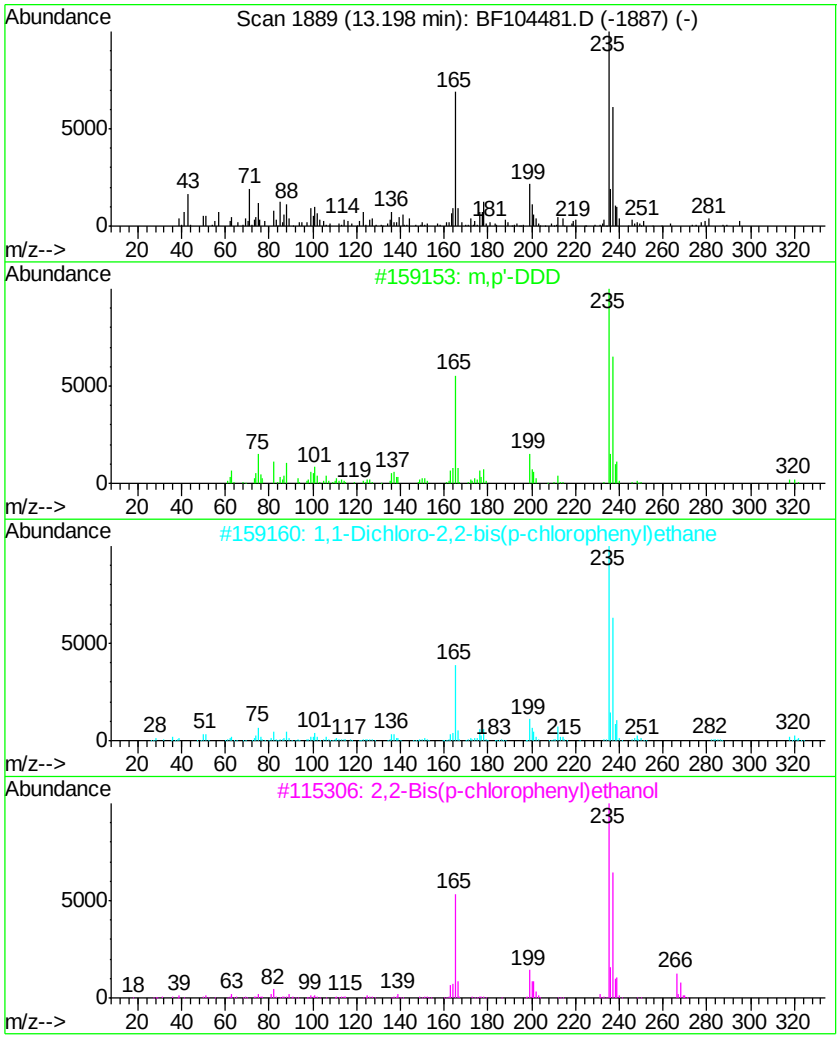
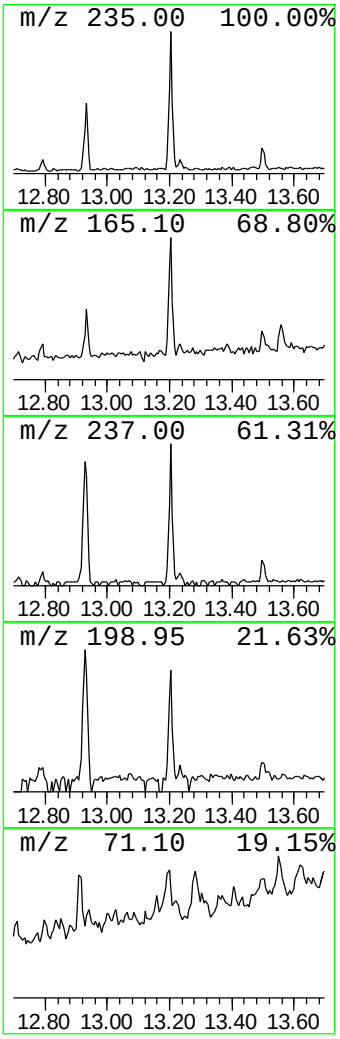
Peak Number 7 m,p'-DDD Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	4.03 ng	124352	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m,p'-DDD	318	C14H10Cl4	004329-12-8	91
2	1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	91
3	2,2-Bis(p-chlorophenyl)ethanol	266	C14H12Cl2O	002642-82-2	90
4	3-Butanone, 1,1-bis(4-chlorophen...	320	C18H18Cl2O	1000158-20-4	87
5	2,2-Bis(4-chlorophenyl)acetic acid	280	C14H10Cl2O2	000083-05-6	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104481.D
Acq On : 13 Apr 2018 16:27
Operator : JU/SJ
Sample : J2364-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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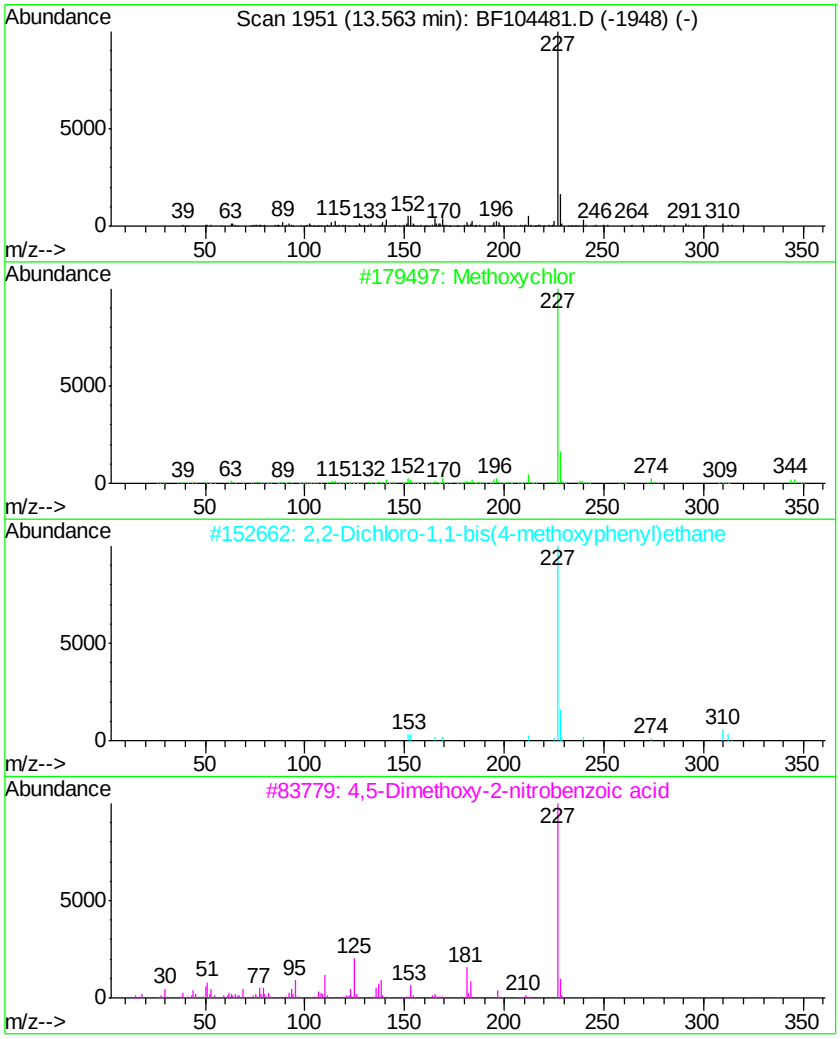
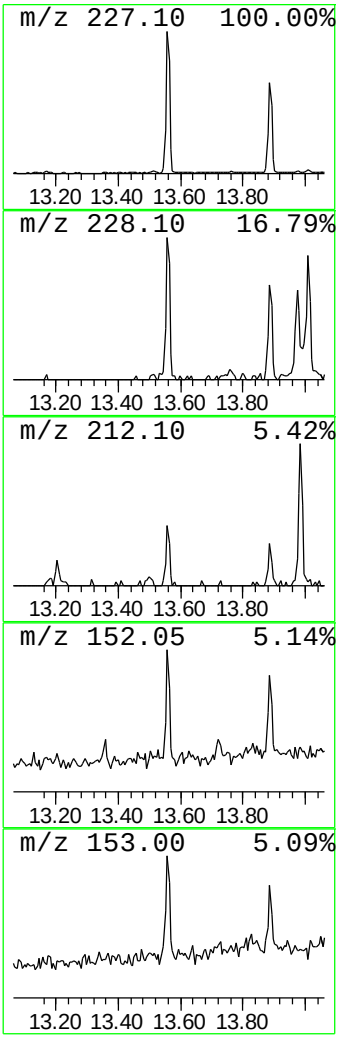
Peak Number 8 Methoxychlor Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	4.54 ng	139961	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methoxychlor	344	C16H15Cl3O2	000072-43-5	78
2	2,2-Dichloro-1,1-bis(4-methoxyph...	310	C16H16Cl2O2	007388-31-0	78
3	4,5-Dimethoxy-2-nitrobenzoic acid	227	C9H9NO6	004998-07-6	58
4	6-Amino-6-cyano-5-phenyl-1,3-dia...	254	C15H18N4	147084-81-9	53
5	5H-Indeno[2,1-E]1,2,4triazin-5-o...	227	C10H9N7	1000271-75-1	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041318\
Data File : BF104481.D
Acq On : 13 Apr 2018 16:27
Operator : JU/SJ
Sample : J2364-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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
2-Pentanone, 4-hy...	5.02	2.9	ng	109385	1	6.81	758614	20.0
unknown6.58	6.58	62.2	ng	2358810	1	6.81	758614	20.0
Dodecane, 2,6,11-...	7.83	3.0	ng	147068	2	8.09	997087	20.0
Octane, 2,2-dimet...	7.86	2.7	ng	132875	2	8.09	997087	20.0
Heptacosane	10.75	2.9	ng	133829	4	11.34	912372	20.0
m,p'-DDD	13.20	4.0	ng	124352	5	13.99	617187	20.0
Methoxychlor	13.56	4.5	ng	139961	5	13.99	617187	20.0