LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061920\
Data File : BF120675.D
Acq On : 19 Jun 2020 20:43
Operator : JU/CG
Sample : L3034-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

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-BF061020.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	5.410	560	565	568	rBV	3189307	3150939	78.60%	11.574%
2	6.434	733	739	742	rBV	2617506	2763380	68.94%	10.150%
3	6.798	797	801	804	rBV	903227	814670	20.32%	2.992%
4	6.951	823	827	831	rBV	2555660	2443208	60.95%	8.974%
5	7.363	891	897	900	rBV	2044516	1858542	46.36%	6.827%
6	8.081	1015	1019	1022	rBV	1090709	938028	23.40%	3.446%
7	9.157	1197	1202	1205	rBV	3816880	3389911	84.57%	12.452%
8	9.545	1265	1268	1273	rBV	273873	249634	6.23%	0.917%
9	9.833	1313	1317	1320	rVB	1461051	1189283	29.67%	4.368%
10	10.622	1447	1451	1454	rBV	2420938	2182753	54.45%	8.018%
11	10.751	1469	1473	1476	rBV2	71407	81466	2.03%	0.299%
12	11.216	1549	1552	1559	rVB	81291	89375	2.23%	0.328%
13	11.321	1566	1570	1573	rBV	1142103	1096897	27.36%	4.029%
14	11.480	1594	1597	1601	rBV5	28158	53753	1.34%	0.197%
15	11.710	1632	1636	1637	rBV4	28565	42125	1.05%	0.155%
16	11.992	1682	1684	1686	rBV2	50419	52324	1.31%	0.192%
17	12.086	1697	1700	1703	rBV5	25671	44323	1.11%	0.163%
18	12.145	1703	1710	1713	rBV7	62014	167456	4.18%	0.615%
19	12.245	1725	1727	1733	rVB3	50717	60691	1.51%	0.223%
20	12.304	1733	1737	1742	rBV3	61195	113836	2.84%	0.418%
21	12.368	1746	1748	1751	rBV	61838	52781	1.32%	0.194%
22	12.763	1812	1815	1817	rBV2	108341	127899	3.19%	0.470%
23	12.792	1817	1820	1824	rVV	193869	237005	5.91%	0.871%
24	12.910	1835	1840	1843	rBV	4019121	4008599	100.00%	14.724%
25	13.962	2015	2019	2022	rBV	1145502	1082432	27.00%	3.976%
26	15.409	2261	2265	2269	rBV	821984	932942	23.27%	3.427%

Sum of corrected areas: 27224252

LSC Report - Integrated Chromatogram

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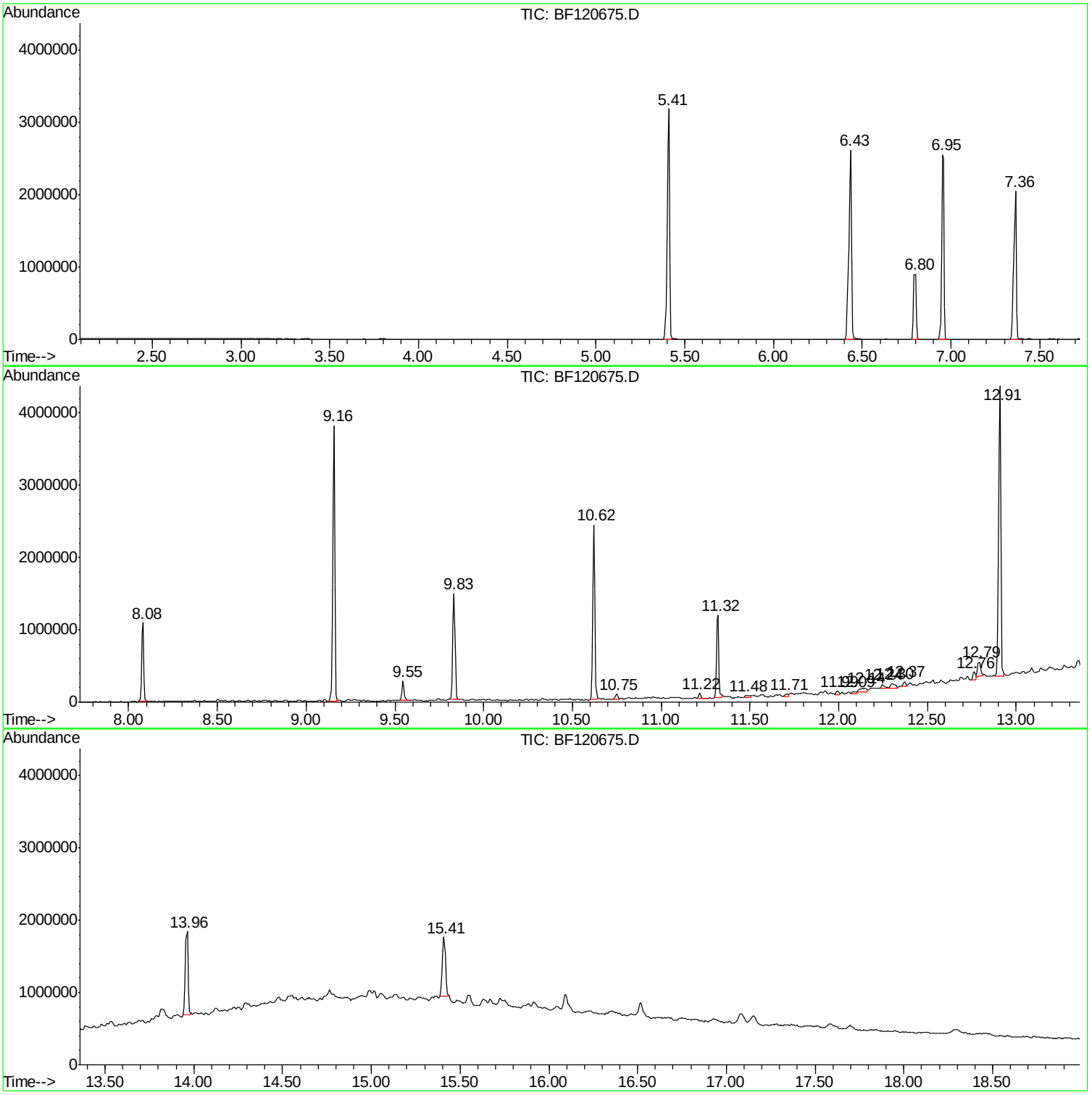
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.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

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Data File : BF120675.D
Acq On : 19 Jun 2020 20:43
Operator : JU/CG
Sample : L3034-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

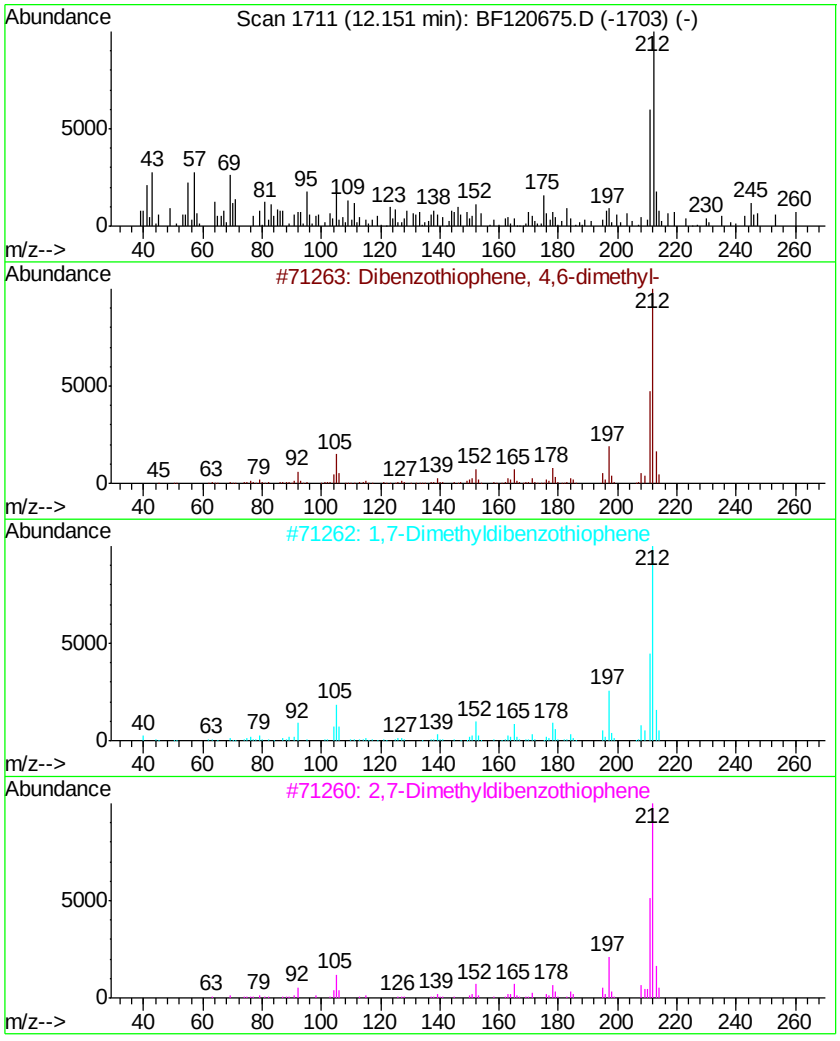
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

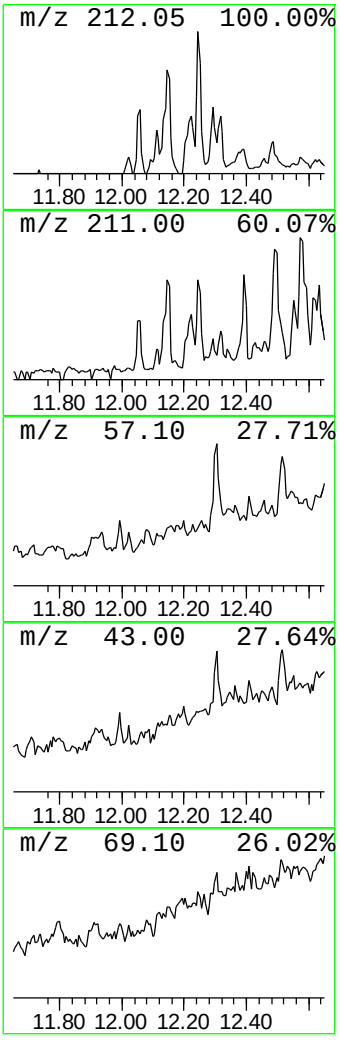
****

Peak Number 2 Dibenzothiophene, 4,6-dimet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	3.05 ng	167456	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	89
2	1,7-Dimethyldibenzothiophene	212	C14H12S	089816-53-5	89
3	2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	89
4	2,6-Dimethyldibenzothiophene	212	C14H12S	089816-75-1	76
5	3,7-Dimethyldibenzothiophene	212	C14H12S	001136-85-2	68





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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

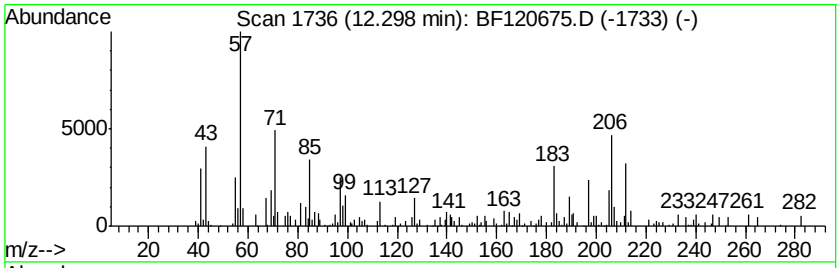
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

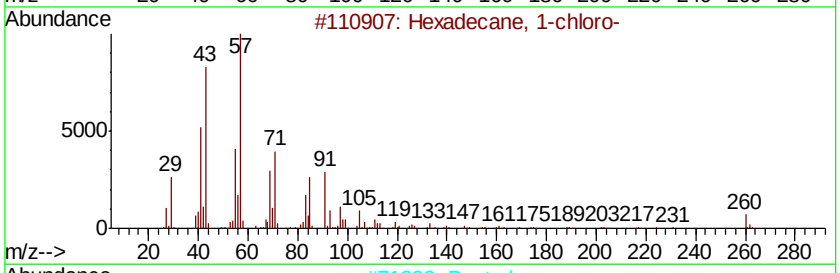
****

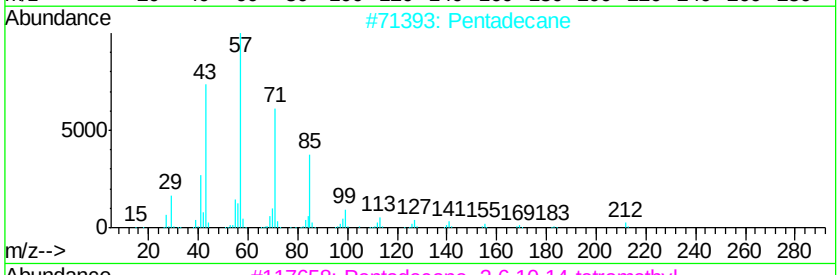
Peak Number 3 Hexadecane, 1-chloro- Concentration Rank 5

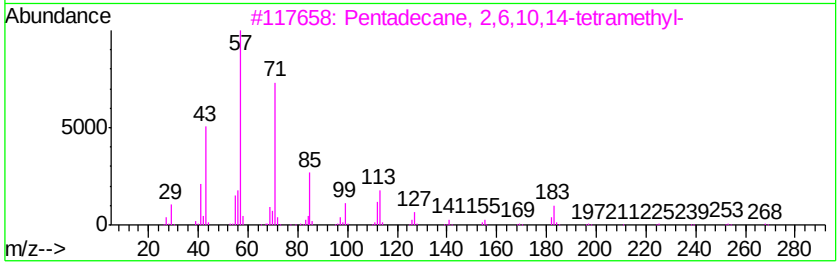
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	2.08 ng	113836	Phenanthrene-d10	11.32

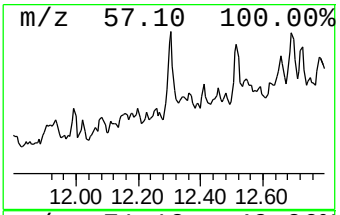
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	53
2	Pentadecane	212	C15H32	000629-62-9	50
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	49
4	Heptadecane	240	C17H36	000629-78-7	46
5	Nonadecane	268	C19H40	000629-92-5	46

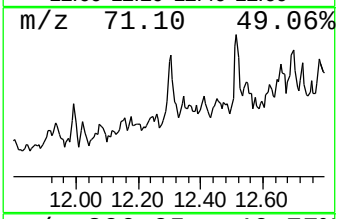


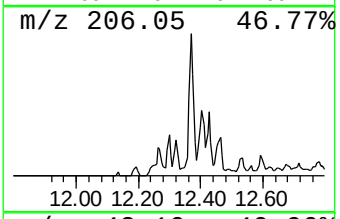


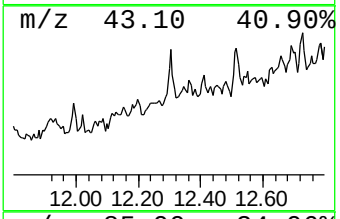


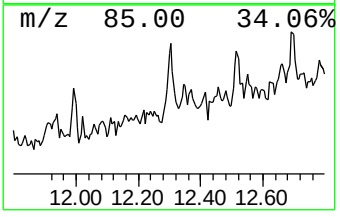












Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

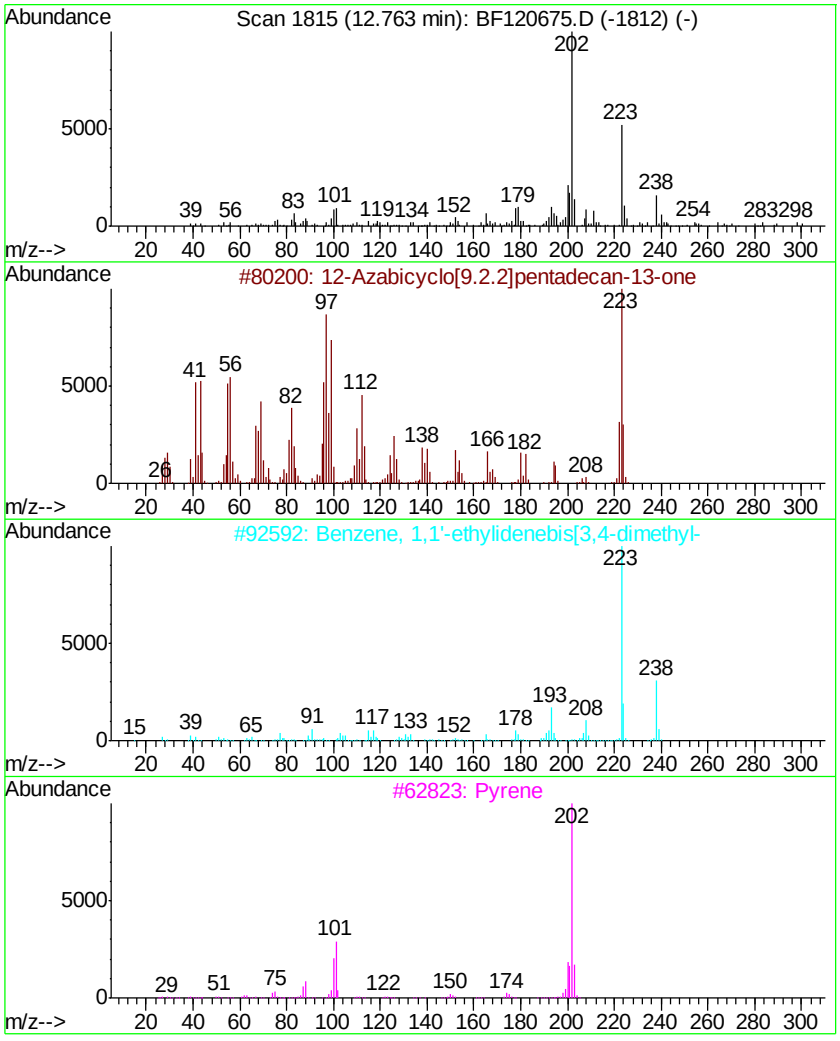
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

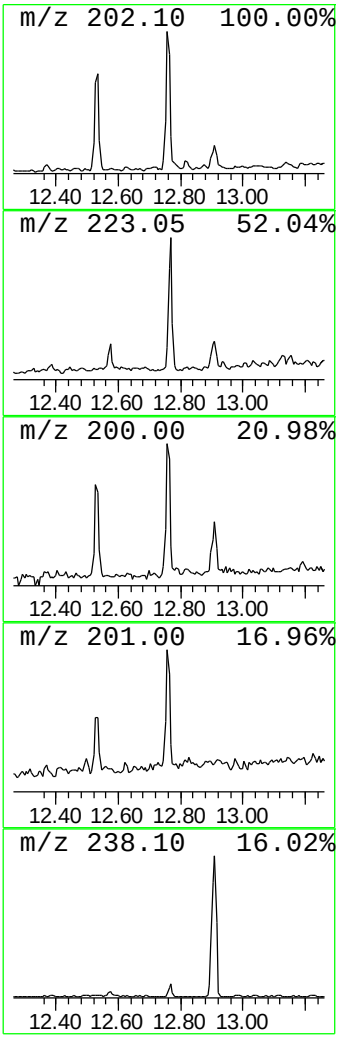
****

Peak Number 4 12-Azabicyclo[9.2.2]pentade... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	2.36 ng	127899	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	12-Azabicyclo[9.2.2]pentadecan-1...	223	C14H25NO	1000191-26-7	59
2	Benzene, 1,1'-ethylidenebis[3,4-...	238	C18H22	001742-14-9	51
3	Pyrene	202	C16H10	000129-00-0	50
4	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	43
5	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	42





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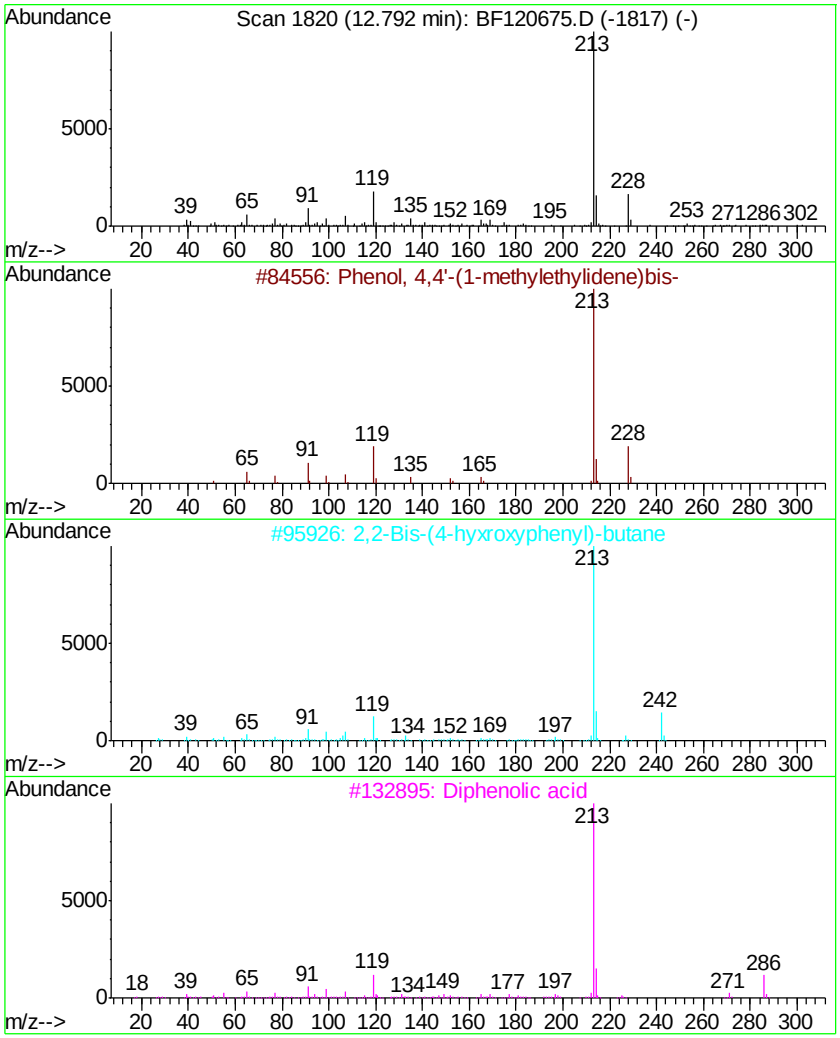
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

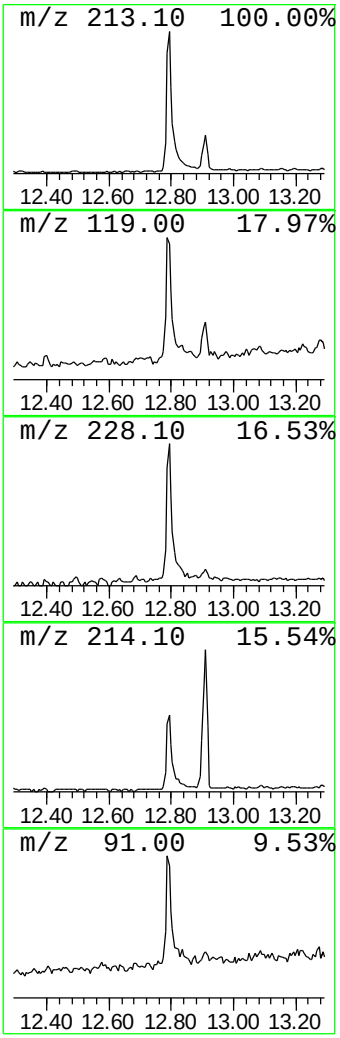
****

Peak Number 5 Phenol, 4,4'-(1-methylethyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	4.38 ng	237005	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	94
2	2,2-Bis-(4-hyxroxyphenyl)-butane	242	C16H18O2	000077-40-7	56
3	Diphenolic acid	286	C17H18O4	000126-00-1	53
4	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	50
5	Pyridine, 2-(5-trifluoromethyl-3...	213	C9H6F3N3	003974-71-8	50





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Dibenzothiophene,...	12.15	3.0	ng	167456	4	11.32	1096900	20.0
Hexadecane, 1-chl...	12.30	2.1	ng	113836	4	11.32	1096900	20.0
12-Azabicyclo[9.2...	12.76	2.4	ng	127899	5	13.96	1082430	20.0
Phenol, 4,4'-(1-m...	12.79	4.4	ng	237005	5	13.96	1082430	20.0