LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
Data File : BF121800.D
Acq On : 2 Oct 2020 18:15
Operator : JU/CG
Sample : L4213-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-15(3-4)

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-BF091020.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	4.981	484	492	503	rVB	38467	60504	2.12%	0.270%
2	5.387	557	561	579	rVB	2583162	2451088	86.02%	10.921%
3	6.404	729	734	749	rBV	2548194	2497972	87.66%	11.130%
4	6.598	761	767	778	rBV2	71185	88993	3.12%	0.397%
5	6.763	791	795	798	rBV	953438	756205	26.54%	3.369%
6	7.328	886	891	894	rBV	1826423	1692218	59.39%	7.540%
7	8.045	1007	1013	1016	rBV	1117713	975295	34.23%	4.346%
8	9.122	1190	1196	1199	rBV	3229048	2849503	100.00%	12.696%
9	9.516	1259	1263	1267	rBV	353240	291757	10.24%	1.300%
10	9.798	1306	1311	1314	rBV	1268149	1041509	36.55%	4.641%
11	10.586	1440	1445	1460	rBV	1766628	1602714	56.25%	7.141%
12	11.280	1559	1563	1566	rBV	1110148	995280	34.93%	4.435%
13	11.304	1566	1567	1571	rVB	207229	119341	4.19%	0.532%
14	11.780	1645	1648	1651	rBV	34513	32181	1.13%	0.143%
15	11.810	1651	1653	1656	rVB	61916	48196	1.69%	0.215%
16	11.892	1664	1667	1670	rBV2	49200	50488	1.77%	0.225%
17	11.986	1677	1683	1685	rBV4	19296	33222	1.17%	0.148%
18	12.080	1690	1699	1701	rBV2	46199	75913	2.66%	0.338%
19	12.104	1701	1703	1706	rBV3	24115	31268	1.10%	0.139%
20	12.333	1739	1742	1746	rVB2	40144	47444	1.66%	0.211%
21	12.416	1754	1756	1764	rVB3	40985	55588	1.95%	0.248%
22	12.492	1765	1769	1773	rVB	364952	303782	10.66%	1.354%
23	12.721	1801	1808	1811	rBV	312720	312166	10.96%	1.391%
24	12.868	1825	1833	1836	rBV	2761998	2456244	86.20%	10.944%
25	12.939	1841	1845	1849	rBV3	30227	52116	1.83%	0.232%
26	13.051	1862	1864	1867	rVB	42028	34705	1.22%	0.155%
27	13.098	1867	1872	1873	rBV3	26063	36907	1.30%	0.164%
28	13.151	1878	1881	1884	rVV2	34719	38264	1.34%	0.170%
29	13.439	1926	1930	1934	rBV7	25104	42033	1.48%	0.187%
30	13.557	1947	1950	1955	rBV	48147	49727	1.75%	0.222%
31	13.668	1965	1969	1971	rBV2	40082	47398	1.66%	0.211%
32	13.768	1983	1986	1996	rBV	332530	503179	17.66%	2.242%
33	13.921	2004	2012	2014	rBV2	945679	1080516	37.92%	4.814%
34	13.945	2014	2016	2019	rVB	169687	131150	4.60%	0.584%

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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.304	2075	2077	2080	rVB	45953	37380	1.31%	0.167%
36	14.945	2182	2186	2188	rBV	164831	218569	7.67%	0.974%
37	15.233	2232	2235	2241	rVB	96714	116093	4.07%	0.517%
38	15.292	2242	2245	2251	rBV	123857	159258	5.59%	0.710%
39	15.357	2251	2256	2263	rBV	654714	824379	28.93%	3.673%
40	16.762	2491	2495	2503	rVB2	64474	121724	4.27%	0.542%
41	17.186	2563	2567	2572	rVB	48243	81348	2.85%	0.362%

Sum of corrected areas: 22443617

LSC Report - Integrated Chromatogram

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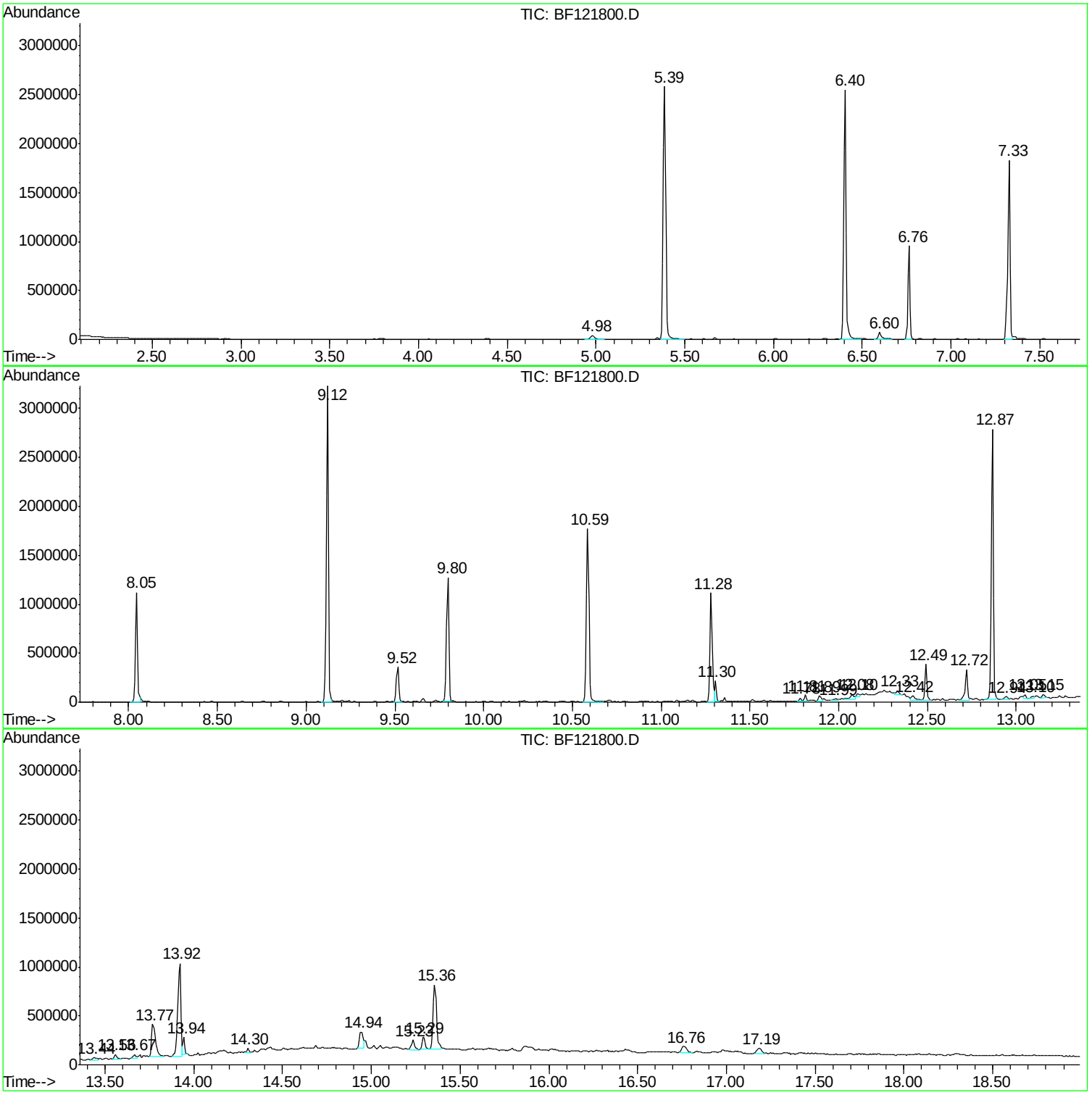
Operator : JU/CG
Sample : L4213-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-15(3-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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\BF100220\
Data File : BF121800.D
Acq On : 2 Oct 2020 18:15
Operator : JU/CG
Sample : L4213-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-15(3-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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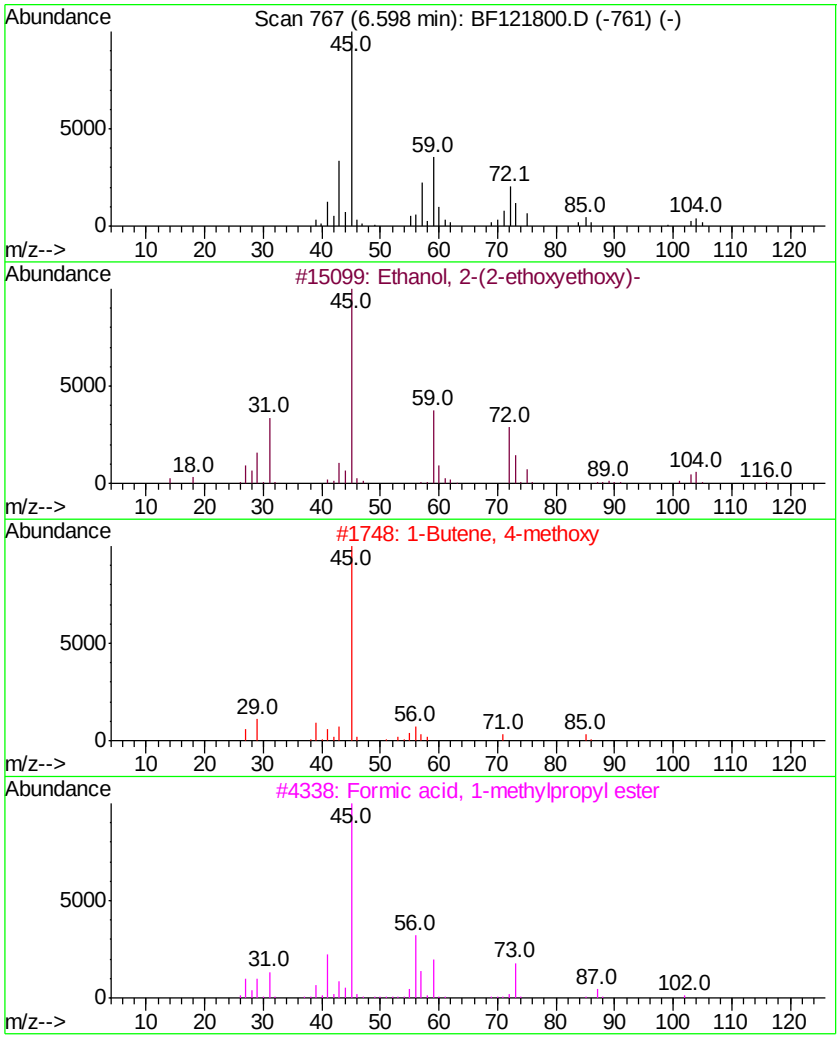
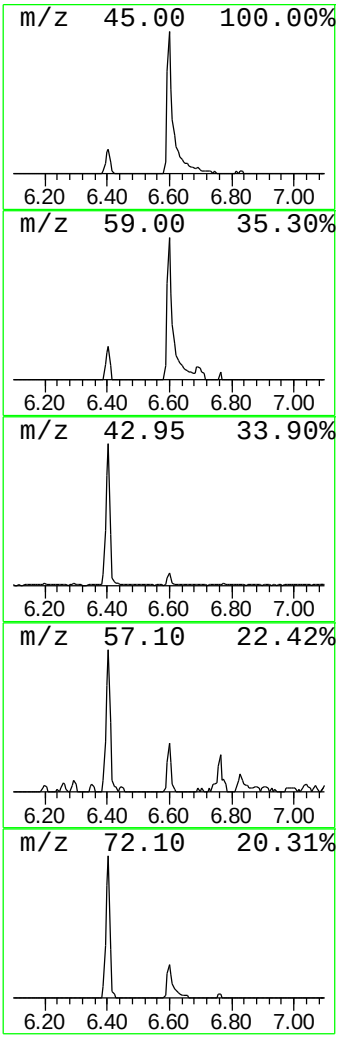
Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	2.35 ng	88993	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	86
2	1-Butene, 4-methoxy	86	C5H10O	004696-30-4	43
3	Formic acid, 1-methylpropyl ester	102	C5H10O2	000589-40-2	42
4	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	42
5	Methoxyacetic acid, butyl ester	146	C7H14O3	017640-22-1	38





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ClientSampleId : B-15(3-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

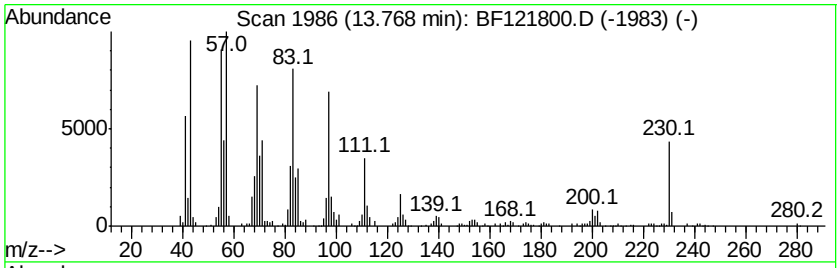
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

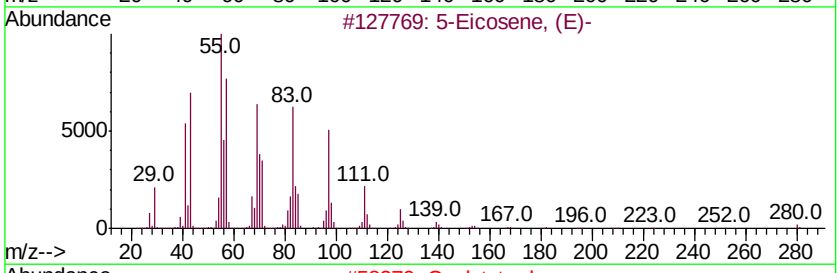
****

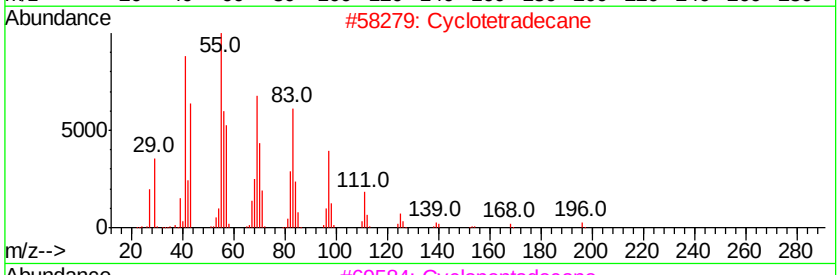
Peak Number 2 5-Eicosene, (E)- Concentration Rank 1

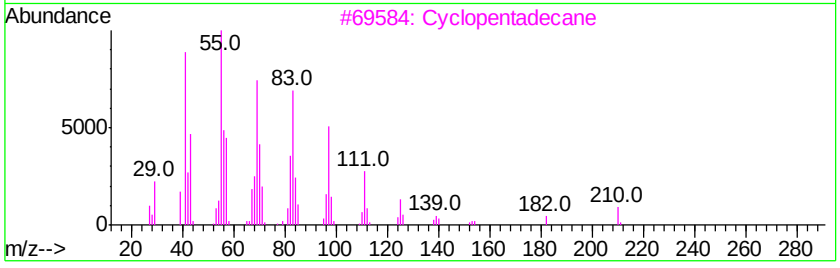
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	9.31 ng	503179	Chrysene-d12	13.92

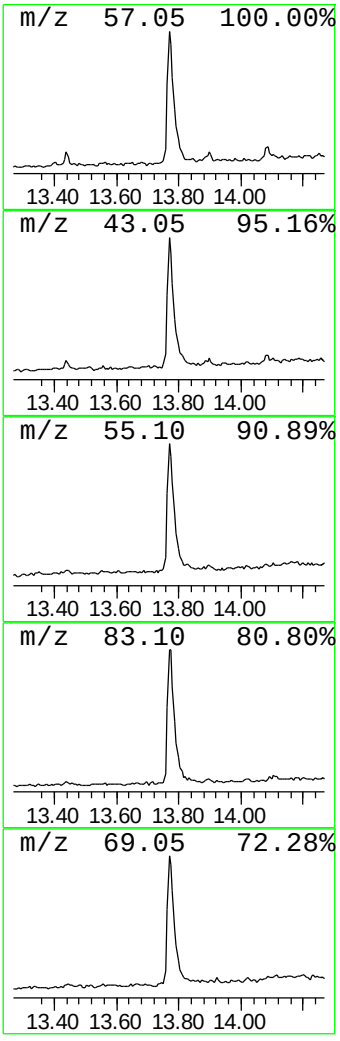
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	Cyclotetradecane	196	C14H28	000295-17-0	96
3	Cyclopentadecane	210	C15H30	000295-48-7	93
4	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91











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Instrument : BNA_F
ClientSampleId : B-15(3-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

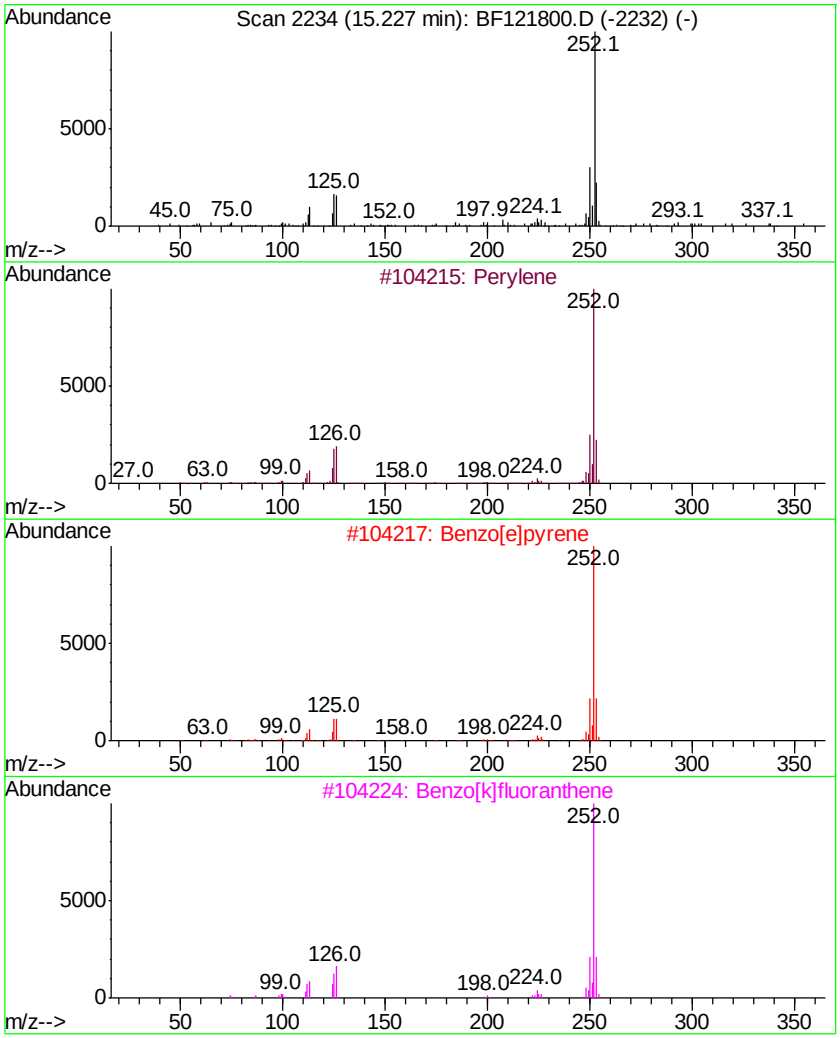
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

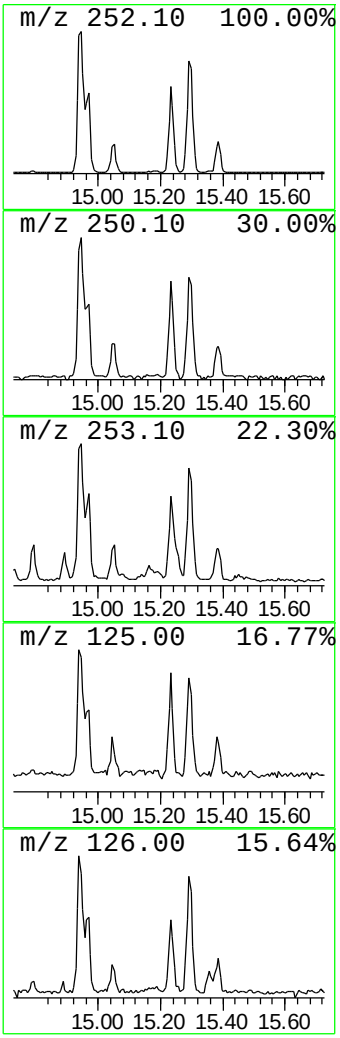
****

Peak Number 3 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	2.82 ng	116093	Perylene-d12	15.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benzo[a]pyrene	252	C20H12	000050-32-8	95





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-eth...	6.60	2.4	ng	88993	1	6.76	756205	20.0
5-Eicosene, (E)-	13.77	9.3	ng	503179	5	13.92	1080520	20.0
Perylene	15.23	2.8	ng	116093	6	15.36	824379	20.0