LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
Data File : BF118549.D
Acq On : 13 Jan 2020 23:54
Operator : JU
Sample : L1107-02 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BW-209-3.0

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-BF010820.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	5.010	493	497	505	rBV	137898	162900	12.74%	0.941%
2	5.434	566	569	583	rBV	792518	933494	72.99%	5.391%
3	6.457	740	743	762	rBV	921957	1008984	78.90%	5.827%
4	6.587	762	765	774	rVB	1222100	1171646	91.61%	6.767%
5	6.816	801	804	816	rVB	796396	642436	50.23%	3.710%
6	6.969	827	830	840	rBV	978149	886543	69.32%	5.120%
7	7.381	897	900	919	rBV	644894	576172	45.05%	3.328%
8	8.104	1019	1023	1032	rBV	928672	850138	66.47%	4.910%
9	9.175	1202	1205	1215	rBV	1278405	1178943	92.18%	6.809%
10	9.575	1270	1273	1279	rVB	78847	66707	5.22%	0.385%
11	9.722	1295	1298	1304	rVB	39484	39804	3.11%	0.230%
12	9.863	1318	1322	1336	rVB	1074988	901376	70.48%	5.206%
13	10.657	1453	1457	1465	rBV	775157	695576	54.39%	4.017%
14	11.351	1572	1575	1578	rBV	874274	817052	63.89%	4.719%
15	11.380	1578	1580	1583	rVV	109410	94851	7.42%	0.548%
16	11.433	1586	1589	1591	rVV	45944	35013	2.74%	0.202%
17	11.598	1611	1617	1620	rBV3	21947	30527	2.39%	0.176%
18	11.857	1657	1661	1663	rBV	43031	47467	3.71%	0.274%
19	11.886	1663	1666	1670	rVV2	70042	80578	6.30%	0.465%
20	11.933	1670	1674	1677	rVV	38575	41465	3.24%	0.239%
21	11.969	1677	1680	1683	rVV	73164	80110	6.26%	0.463%
22	11.992	1683	1684	1690	rVB	40475	30673	2.40%	0.177%
23	12.086	1697	1700	1704	rBV6	17031	20394	1.59%	0.118%
24	12.151	1708	1711	1714	rVV	36428	31313	2.45%	0.181%
25	12.192	1716	1718	1722	rVB3	19108	15346	1.20%	0.089%
26	12.333	1739	1742	1744	rVB2	29343	28083	2.20%	0.162%
27	12.410	1752	1755	1757	rBV	76864	67053	5.24%	0.387%
28	12.439	1757	1760	1763	rVV4	27609	40978	3.20%	0.237%
29	12.463	1763	1764	1767	rVB2	33763	24795	1.94%	0.143%
30	12.504	1767	1771	1774	rBV3	35847	59334	4.64%	0.343%
31	12.574	1779	1783	1787	rBV	582706	493518	38.59%	2.850%
32	12.633	1791	1793	1795	rVV2	32035	31401	2.46%	0.181%
33	12.663	1795	1798	1802	rVB2	51261	67874	5.31%	0.392%
34	12.727	1807	1809	1811	rVB2	28365	18372	1.44%	0.106%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
Data File : BF118549.D
Acq On : 13 Jan 2020 23:54
Operator : JU
Sample : L1107-02 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BW-209-3.0

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-BF010820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.757	1811	1814	1816	rBV4	44329	43697	3.42%	0.252%
36	12.804	1819	1822	1828	rVB	621968	531522	41.56%	3.070%
37	12.857	1828	1831	1835	rVB2	40132	44413	3.47%	0.257%
38	12.939	1838	1845	1848	rBV	1458031	1234494	96.53%	7.130%
39	12.969	1849	1850	1854	rVB	35919	29743	2.33%	0.172%
40	13.021	1854	1859	1863	rBV3	75473	137166	10.73%	0.792%
41	13.133	1871	1878	1882	rBV3	82925	165602	12.95%	0.956%
42	13.198	1887	1889	1892	rBV	31947	31990	2.50%	0.185%
43	13.239	1892	1896	1899	rBV2	85494	99708	7.80%	0.576%
44	13.333	1909	1912	1915	rBV	50319	56206	4.39%	0.325%
45	13.363	1915	1917	1920	rVV	52590	47832	3.74%	0.276%
46	13.651	1963	1966	1969	rBV	86842	76909	6.01%	0.444%
47	13.757	1981	1984	1986	rBV	81537	76561	5.99%	0.442%
48	13.780	1986	1988	1990	rVB	68151	51001	3.99%	0.295%
49	13.810	1990	1993	1994	rBV	52307	48456	3.79%	0.280%
50	13.833	1994	1997	2000	rBV2	96333	105043	8.21%	0.607%
51	14.010	2022	2027	2029	rBV2	1083754	1278891	100.00%	7.386%
52	14.033	2029	2031	2034	rVB	407011	305881	23.92%	1.767%
53	15.057	2201	2205	2208	rBV	342591	451576	35.31%	2.608%
54	15.362	2254	2257	2263	rVB	177235	218148	17.06%	1.260%
55	15.427	2264	2268	2272	rVB	223075	294212	23.01%	1.699%
56	15.486	2274	2278	2282	rBV	562119	714407	55.86%	4.126%

Sum of corrected areas: 17314374

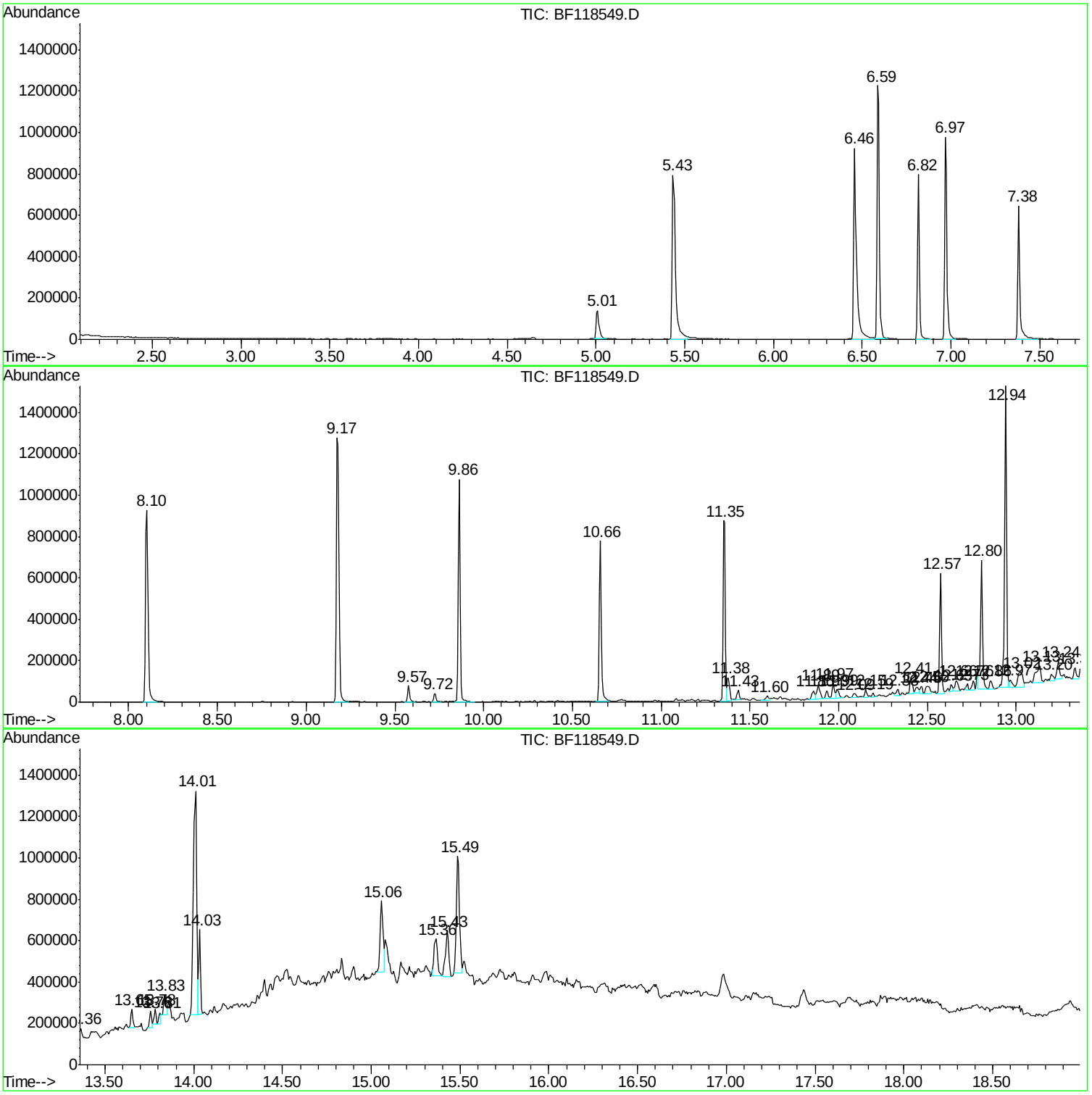
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
Data File : BF118549.D
Acq On : 13 Jan 2020 23:54
Operator : JU
Sample : L1107-02 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BW-209-3.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
Data File : BF118549.D
Acq On : 13 Jan 2020 23:54
Operator : JU
Sample : L1107-02 2X
Misc :
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Instrument : BNA_F
ClientSampleId : BW-209-3.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

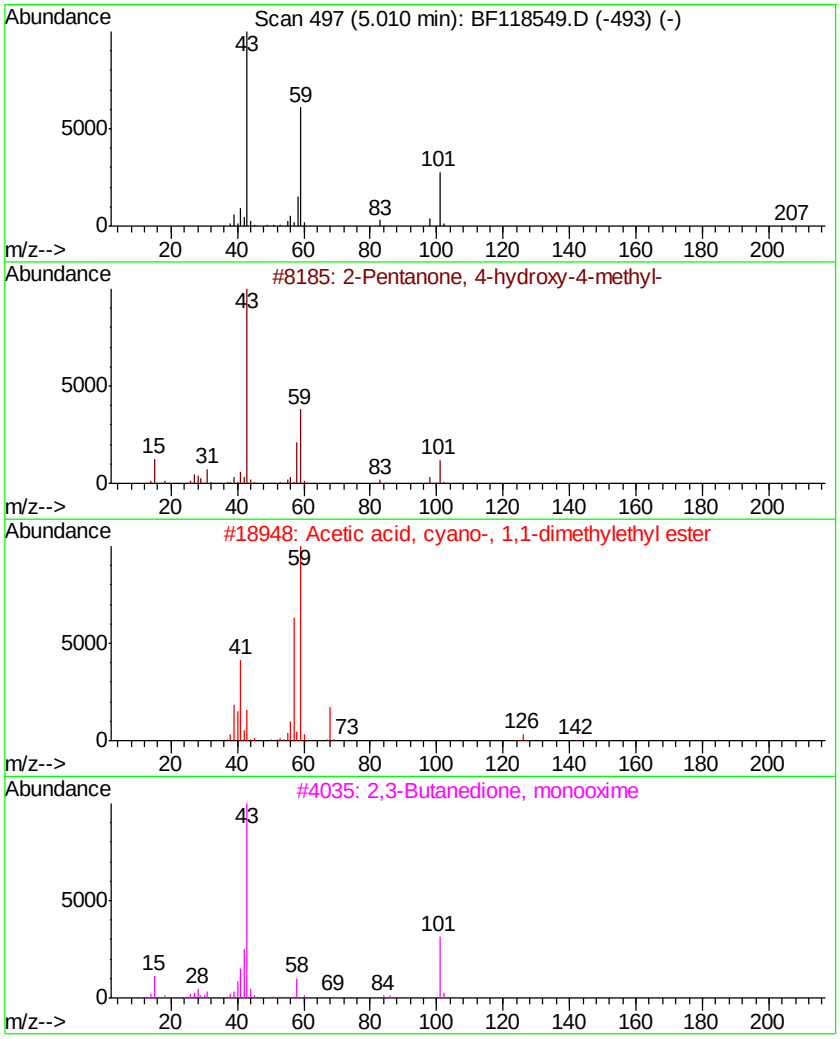
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

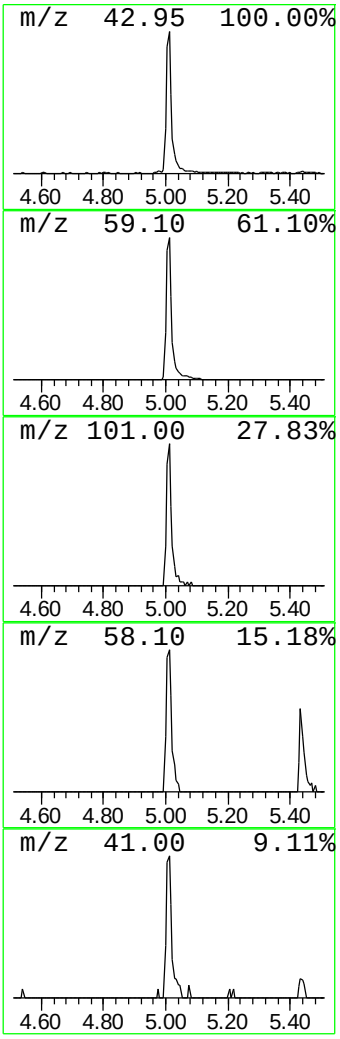
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	5.07 ng	162900	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
Data File : BF118549.D
Acq On : 13 Jan 2020 23:54
Operator : JU
Sample : L1107-02 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BW-209-3.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

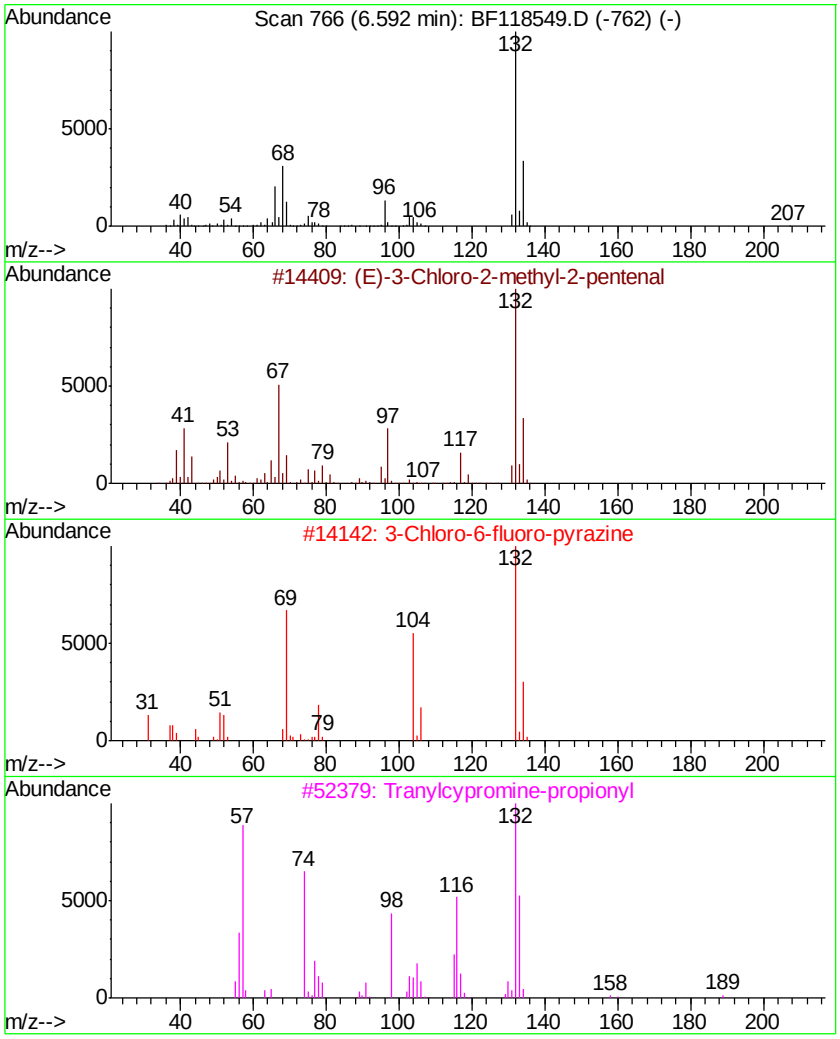
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

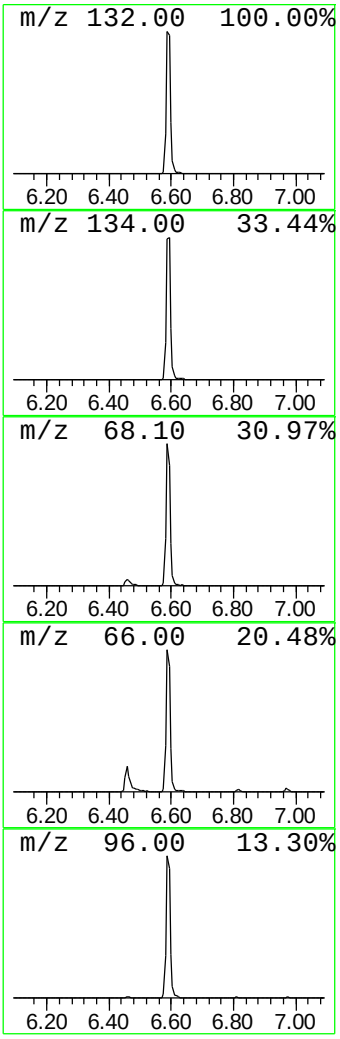
****

Peak Number 2 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	36.48 ng	1171650	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Amphetaminil	250	C17H18N2	017590-01-1	12
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
Data File : BF118549.D
Acq On : 13 Jan 2020 23:54
Operator : JU
Sample : L1107-02 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BW-209-3.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

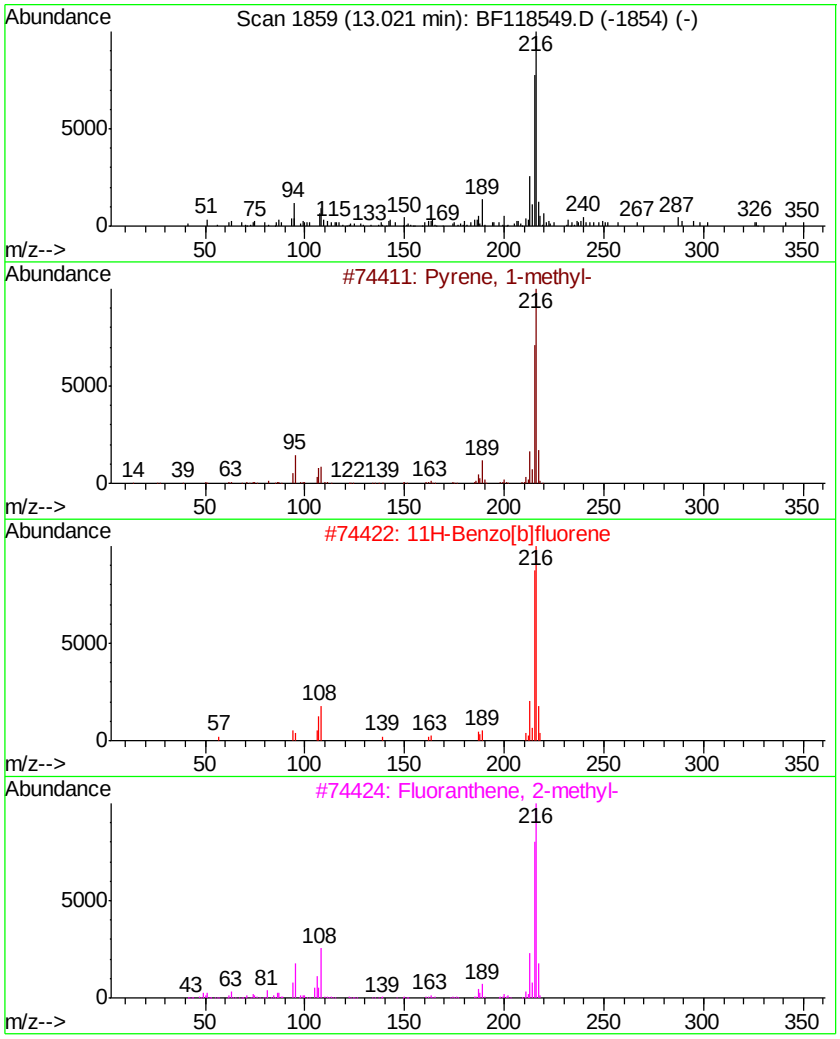
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

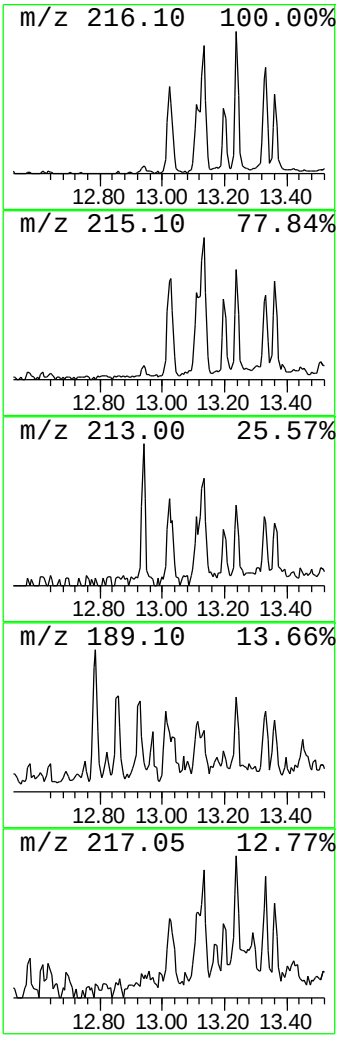
****

Peak Number 4 Pyrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	2.15 ng	137166	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
Data File : BF118549.D
Acq On : 13 Jan 2020 23:54
Operator : JU
Sample : L1107-02 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BW-209-3.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

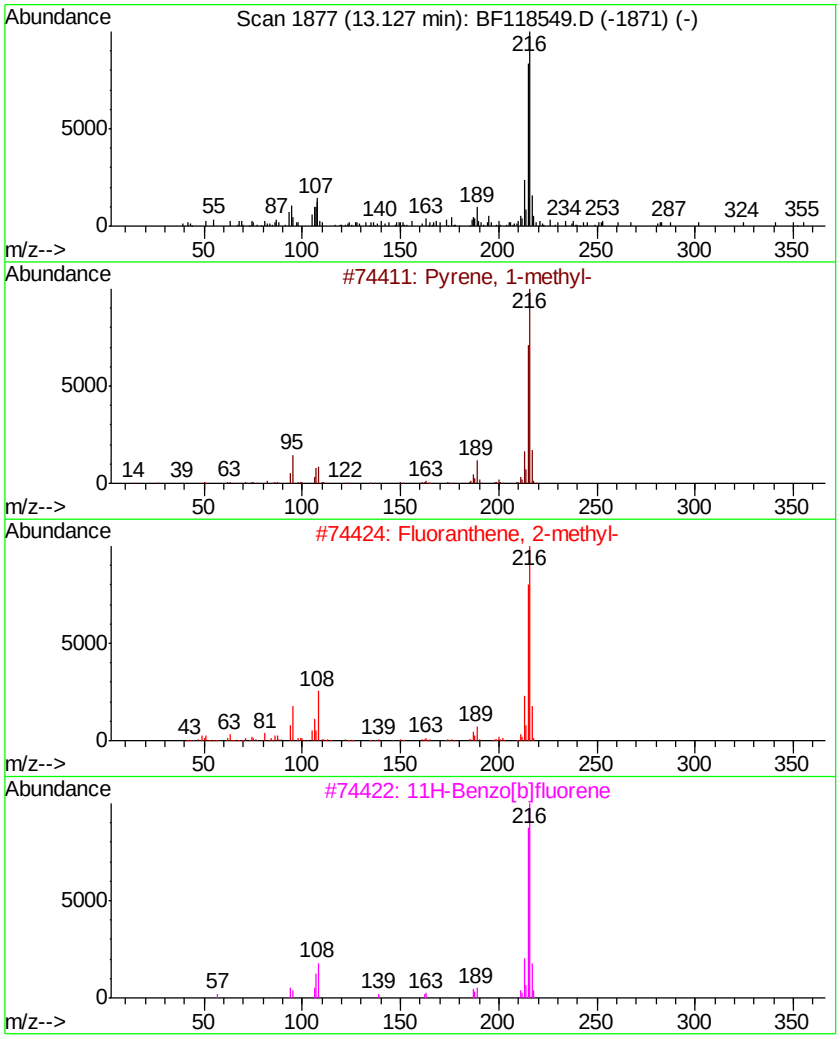
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

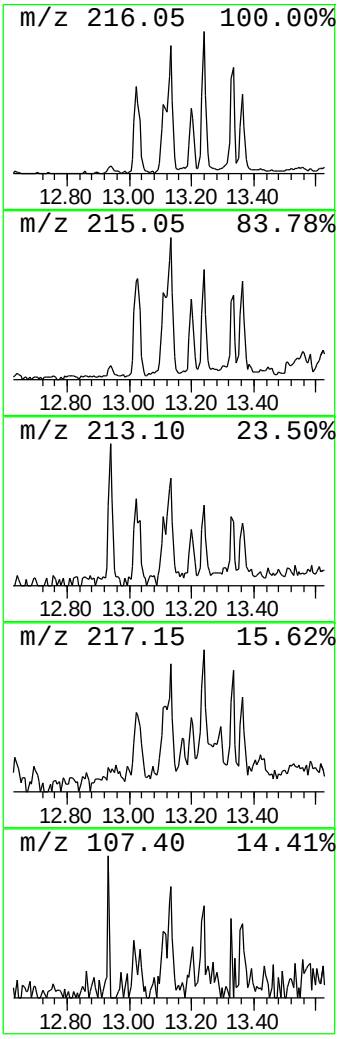
****

Peak Number 5 Fluoranthene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	2.59 ng	165602	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





Library Search Compound Report

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Data File : BF118549.D
Acq On : 13 Jan 2020 23:54
Operator : JU
Sample : L1107-02 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BW-209-3.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

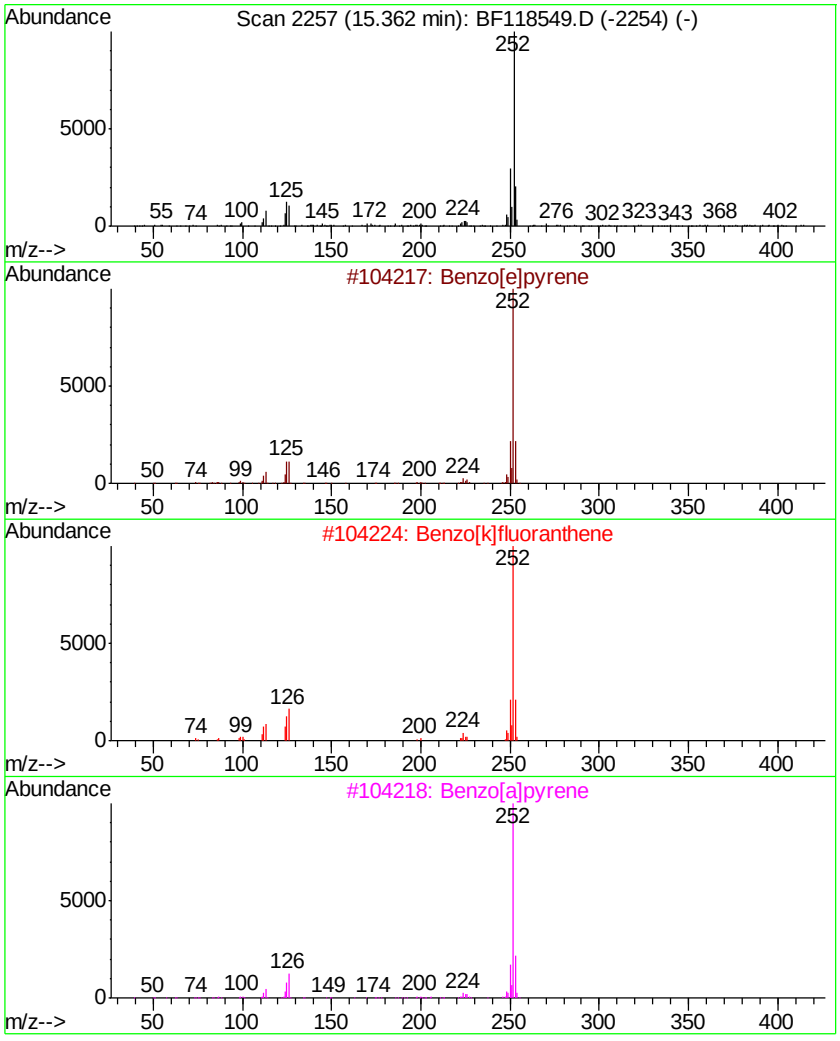
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

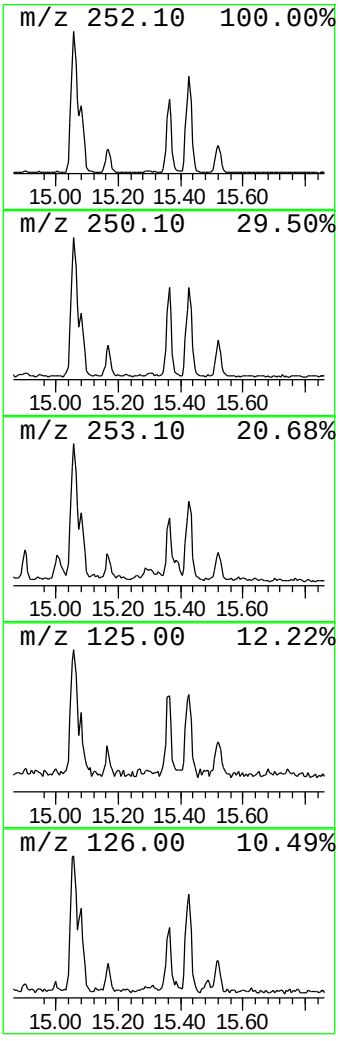
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	6.11 ng	218148	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	97
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	97
5	Perylene	252	C20H12	000198-55-0	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011320\
Data File : BF118549.D
Acq On : 13 Jan 2020 23:54
Operator : JU
Sample : L1107-02 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BW-209-3.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.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...	5.01	5.1	ng	162900	1	6.82	642436	20.0
unknown6.59	6.59	36.5	ng	1171650	1	6.82	642436	20.0
Pyrene, 1-methyl-	13.02	2.1	ng	137166	5	14.01	1278890	20.0
Fluoranthene, 2-m...	13.13	2.6	ng	165602	5	14.01	1278890	20.0
Benzo[e]pyrene	15.36	6.1	ng	218148	6	15.49	714407	20.0