LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012919\
Data File : BF112296.D
Acq On : 29 Jan 2019 15:43
Operator : JU/SJ
Sample : K1010-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-012819-A

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-BF012519.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	5.040	499	502	509	rBV	27092	31388	2.24%	0.183%
2	5.469	572	575	588	rBV	620100	677739	48.35%	3.956%
3	6.481	744	747	766	rBV	681874	794692	56.69%	4.639%
4	6.616	766	770	779	rBV	786441	784663	55.97%	4.581%
5	6.840	804	808	815	rBV	1095765	966345	68.93%	5.641%
6	6.992	830	834	841	rBV	745035	639363	45.61%	3.732%
7	7.398	899	903	914	rBV	415449	444893	31.74%	2.597%
8	8.122	1022	1026	1045	rVB	1272404	1224174	87.32%	7.146%
9	9.192	1204	1208	1219	rBV	1057931	934427	66.66%	5.455%
10	9.586	1272	1275	1284	rVB	64520	69984	4.99%	0.409%
11	9.739	1296	1301	1304	rBV2	19375	24477	1.75%	0.143%
12	9.804	1304	1312	1317	rVV3	19542	37770	2.69%	0.220%
13	9.875	1320	1324	1328	rVV	1522159	1334179	95.17%	7.789%
14	9.904	1328	1329	1333	rVB	49673	36216	2.58%	0.211%
15	10.080	1354	1359	1363	rBV	24413	26290	1.88%	0.153%
16	10.280	1388	1393	1395	rBV3	11486	17404	1.24%	0.102%
17	10.422	1414	1417	1423	rVB	54349	53359	3.81%	0.311%
18	10.663	1455	1458	1468	rBV	487036	479885	34.23%	2.801%
19	10.775	1474	1477	1478	rBV	19705	18959	1.35%	0.111%
20	10.969	1503	1510	1513	rBV4	19307	33178	2.37%	0.194%
21	11.169	1541	1544	1547	rBV	21106	21005	1.50%	0.123%
22	11.222	1549	1553	1554	rVV2	23721	26845	1.91%	0.157%
23	11.257	1556	1559	1564	rVB2	52434	54184	3.87%	0.316%
24	11.357	1573	1576	1579	rBV	1256948	1251544	89.28%	7.306%
25	11.380	1579	1580	1585	rVV	576827	494794	35.30%	2.888%
26	11.433	1587	1589	1593	rVV	125038	113790	8.12%	0.664%
27	11.469	1593	1595	1601	rVB3	14319	20789	1.48%	0.121%
28	11.592	1611	1616	1621	rBV2	66201	85099	6.07%	0.497%
29	11.645	1623	1625	1630	rVV4	23017	26380	1.88%	0.154%
30	11.692	1630	1633	1638	rVV2	40973	44982	3.21%	0.263%
31	11.774	1644	1647	1652	rVB	20803	25463	1.82%	0.149%
32	11.863	1658	1662	1664	rBV	86563	96891	6.91%	0.566%
33	11.892	1664	1667	1671	rVV	129070	146523	10.45%	0.855%
34	11.939	1672	1675	1677	rVV	32981	29715	2.12%	0.173%

LSC Area Percent Report

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Acq On : 29 Jan 2019 15:43
Operator : JU/SJ
Sample : K1010-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-012819-A

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-BF012519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.974	1677	1681	1683	rVV2	119163	126490	9.02%	0.738%
36	11.998	1683	1685	1689	rVB	60395	51347	3.66%	0.300%
37	12.051	1691	1694	1696	rBV3	23741	26317	1.88%	0.154%
38	12.098	1699	1702	1704	rBV	25875	22126	1.58%	0.129%
39	12.157	1709	1712	1714	rVV	49644	50662	3.61%	0.296%
40	12.186	1714	1717	1722	rVB2	48567	58746	4.19%	0.343%
41	12.286	1732	1734	1736	rBV2	29773	28708	2.05%	0.168%
42	12.339	1740	1743	1745	rBV	39742	37240	2.66%	0.217%
43	12.410	1752	1755	1758	rBV	71494	84422	6.02%	0.493%
44	12.445	1758	1761	1764	rVV4	48889	67488	4.81%	0.394%
45	12.504	1767	1771	1773	rBV2	43698	55607	3.97%	0.325%
46	12.533	1774	1776	1780	rVB	24733	22101	1.58%	0.129%
47	12.574	1780	1783	1787	rBV	556411	487360	34.76%	2.845%
48	12.610	1787	1789	1792	rVV4	23437	27834	1.99%	0.162%
49	12.674	1797	1800	1802	rBV3	34231	35713	2.55%	0.208%
50	12.727	1807	1809	1812	rVV	44228	43304	3.09%	0.253%
51	12.804	1816	1822	1828	rBV	505549	576373	41.11%	3.365%
52	12.863	1829	1832	1834	rVB4	33274	38528	2.75%	0.225%
53	12.939	1842	1845	1848	rBV	826783	664908	47.43%	3.882%
54	13.127	1875	1877	1881	rVB	86919	83316	5.94%	0.486%
55	13.233	1893	1895	1900	rBV3	48774	67176	4.79%	0.392%
56	14.004	2021	2026	2028	rBV2	1172313	1304149	93.03%	7.613%
57	14.027	2028	2030	2033	rVB	172598	151861	10.83%	0.887%
58	14.386	2087	2091	2094	rBV2	127603	203264	14.50%	1.187%
59	15.092	2209	2211	2219	rVB	264695	345717	24.66%	2.018%
60	15.474	2272	2276	2289	rVB	1024236	1401877	100.00%	8.184%

Sum of corrected areas: 17130023

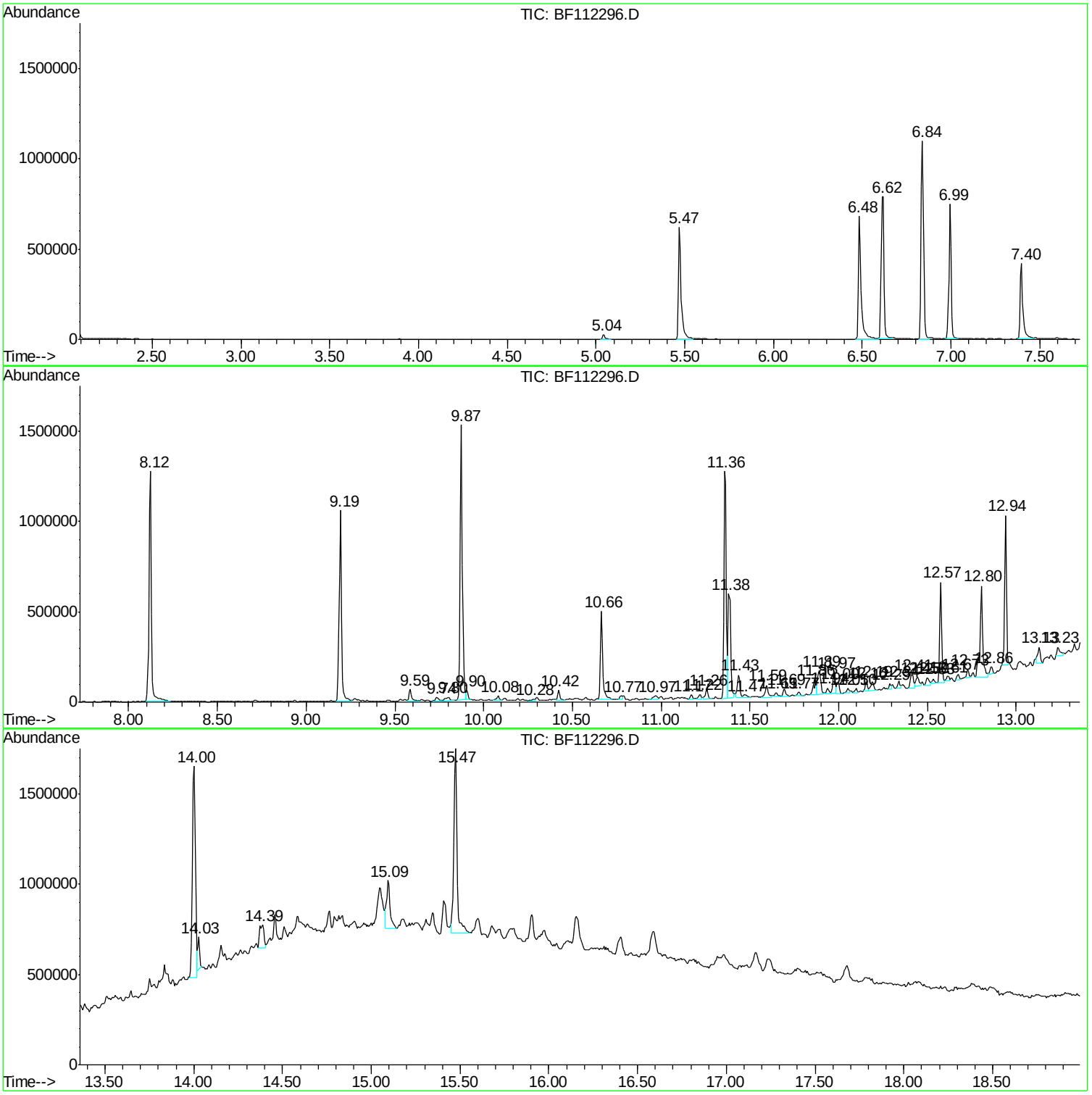
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012919\
Data File : BF112296.D
Acq On : 29 Jan 2019 15:43
Operator : JU/SJ
Sample : K1010-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-012819-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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\BF012919\
Data File : BF112296.D
Acq On : 29 Jan 2019 15:43
Operator : JU/SJ
Sample : K1010-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-012819-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

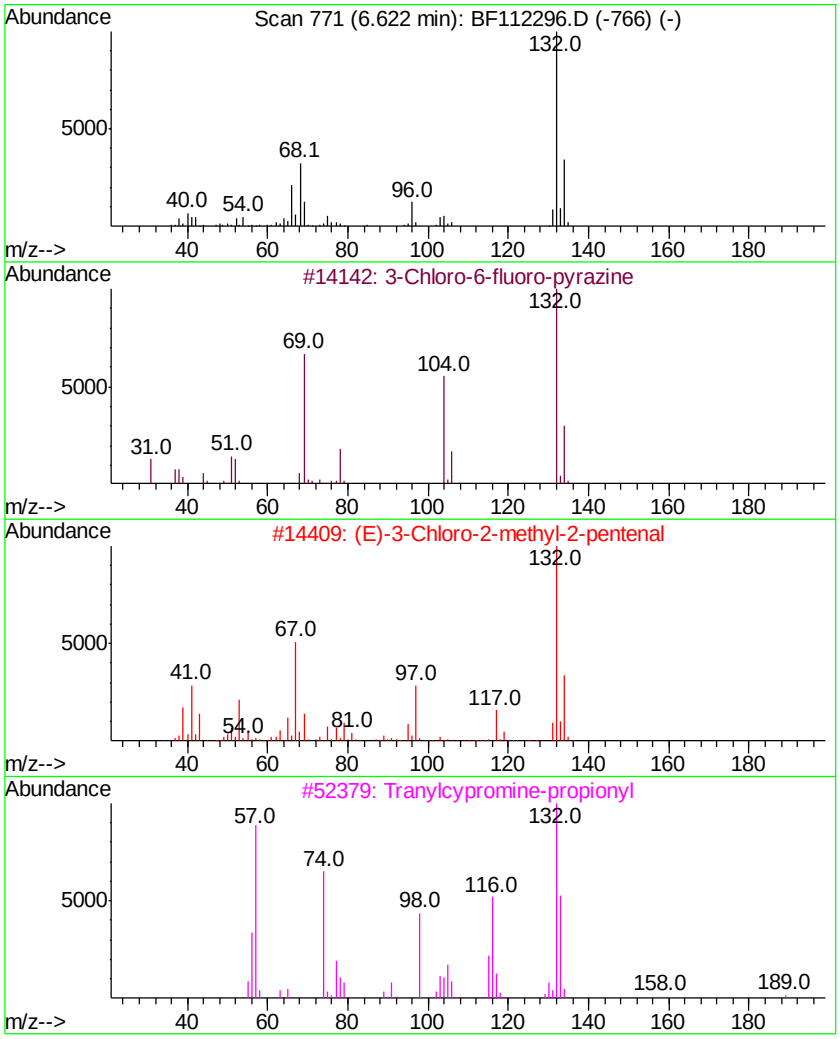
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

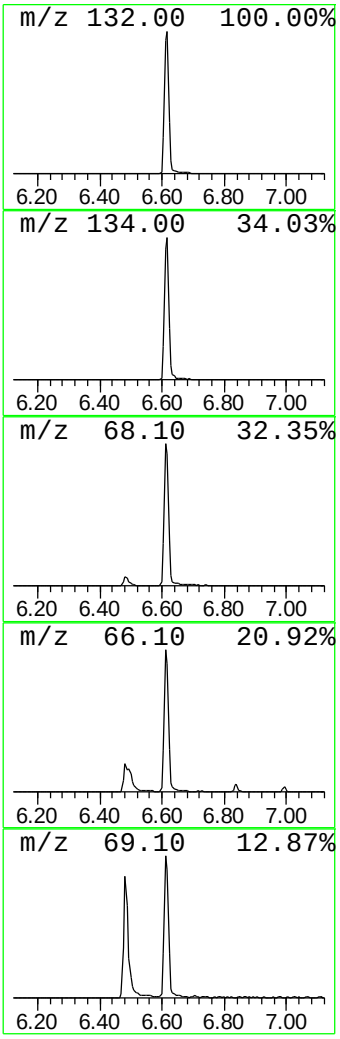
****

Peak Number 1 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	16.24 ng	784663	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012919\
Data File : BF112296.D
Acq On : 29 Jan 2019 15:43
Operator : JU/SJ
Sample : K1010-07 5X
Misc :
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Instrument : BNA_F
ClientSampleId : OK-03-012819-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

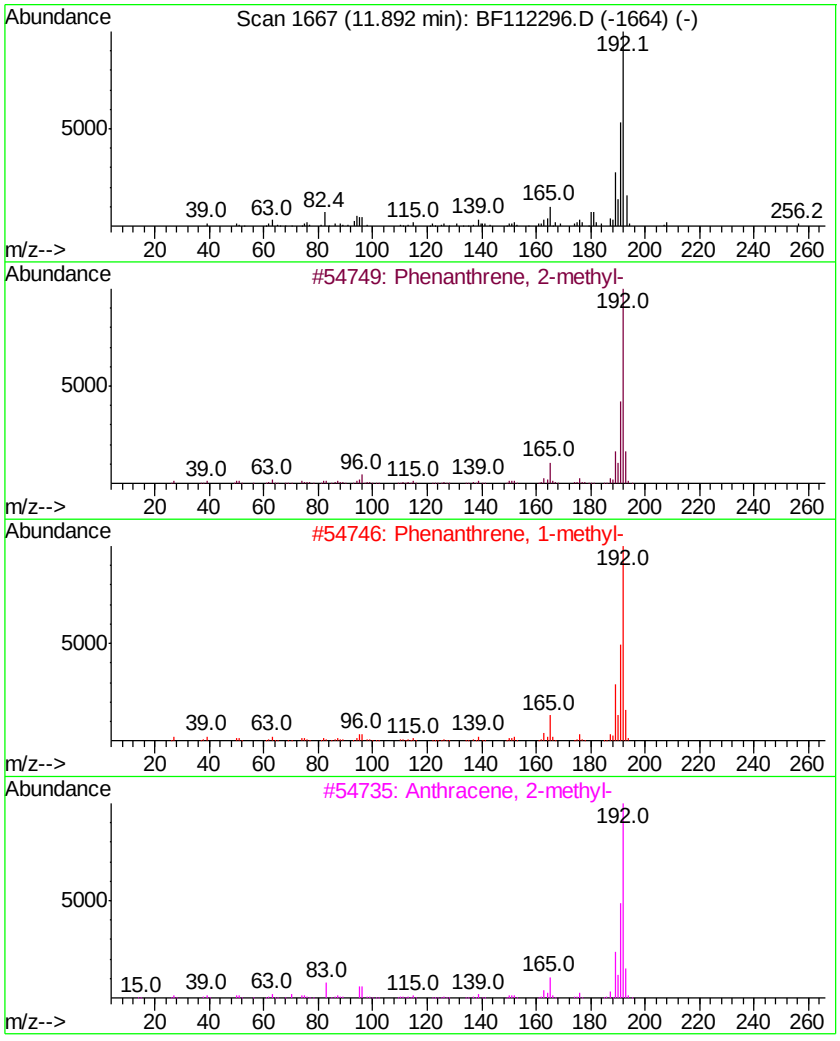
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

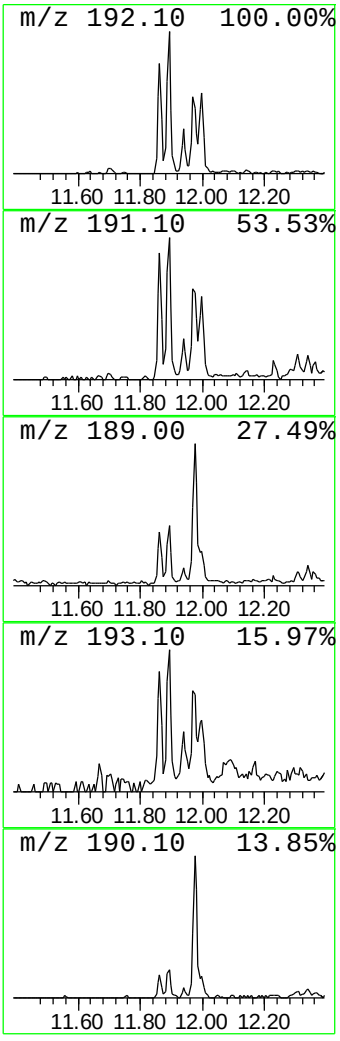
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	2.34 ng	146523	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012919\
Data File : BF112296.D
Acq On : 29 Jan 2019 15:43
Operator : JU/SJ
Sample : K1010-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-012819-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
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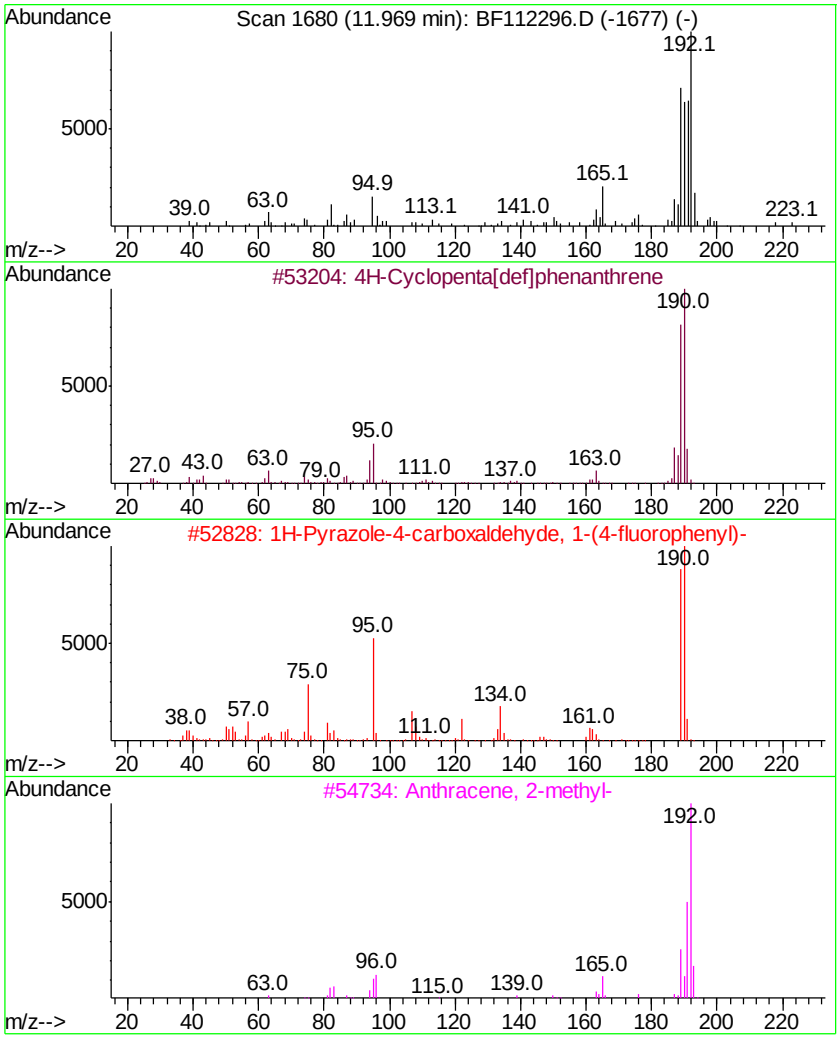
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

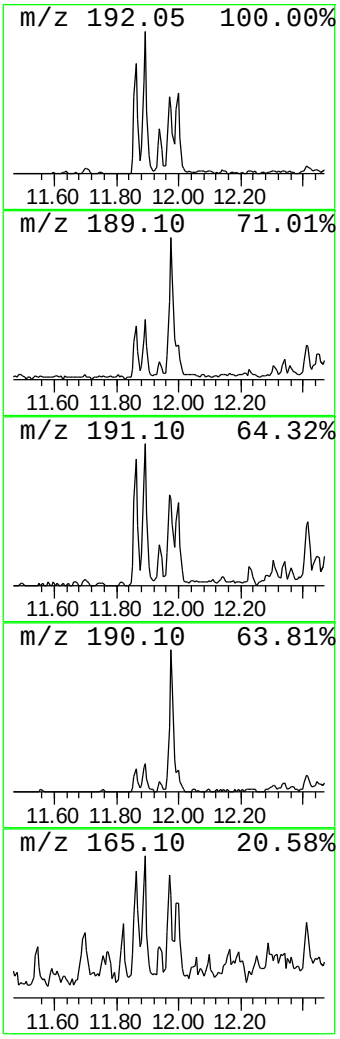
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	2.02 ng	126490	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	1H-Pyrazole-4-carboxaldehyde, 1-...	190	C10H7FN2O	1000338-05-6	43
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	38
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	25





Library Search Compound Report

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Acq On : 29 Jan 2019 15:43
Operator : JU/SJ
Sample : K1010-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-012819-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

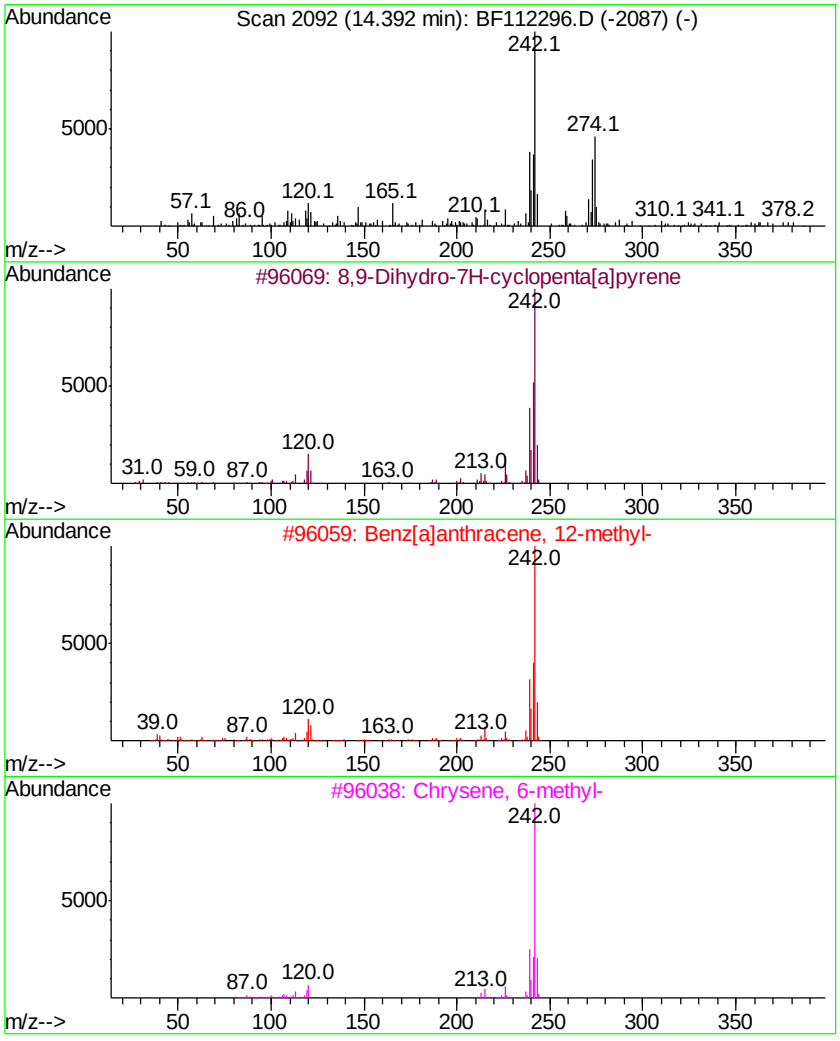
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

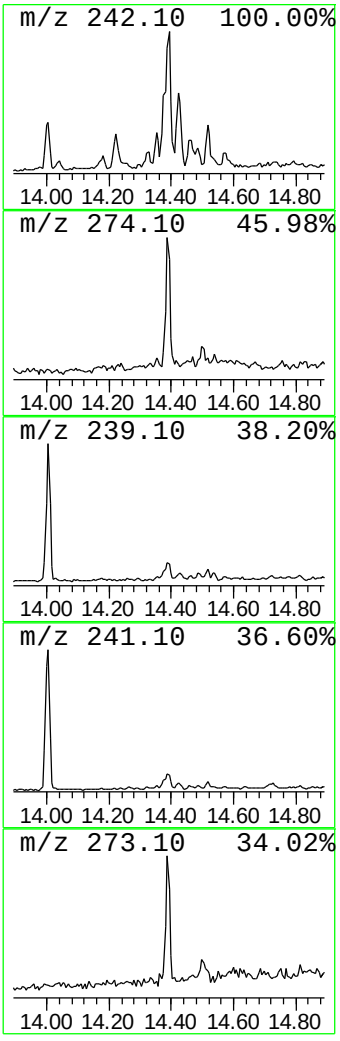
****

Peak Number 5 8,9-Dihydro-7H-cyclopenta[a... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	3.12 ng	203264	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8,9-Dihydro-7H-cyclopenta[a]pyrene	242	C19H14	082979-72-4	81
2	Benz[a]anthracene, 12-methyl-	242	C19H14	002422-79-9	80
3	Chrysene, 6-methyl-	242	C19H14	001705-85-7	70
4	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	64
5	Chrysene, 4-methyl-	242	C19H14	003351-30-2	56





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012919\
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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
unknown6.62	6.62	16.2	ng	784663	1	6.84	966345	20.0
Phenanthrene, 2-m...	11.89	2.3	ng	146523	4	11.36	1251540	20.0
4H-Cyclopenta[def...	11.97	2.0	ng	126490	4	11.36	1251540	20.0
8,9-Dihydro-7H-cy...	14.39	3.1	ng	203264	5	14.00	1304150	20.0