LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112973.D
Acq On : 11 Mar 2019 23:44
Operator : JU/SJ
Sample : K1691-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-030819-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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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	5.328	548	551	563	rBV	559450	574198	31.47%	2.705%
2	6.357	723	726	746	rBV	611826	658576	36.10%	3.103%
3	6.492	746	749	757	rBV	685446	655098	35.91%	3.086%
4	6.728	785	789	799	rBV	1081415	964248	52.85%	4.543%
5	6.887	812	816	832	rBV	561586	507386	27.81%	2.390%
6	7.287	880	884	892	rBV	341449	363809	19.94%	1.714%
7	8.010	1004	1007	1014	rBV	1258179	1324524	72.60%	6.240%
8	8.098	1020	1022	1036	rVB2	35393	65615	3.60%	0.309%
9	8.728	1124	1129	1139	rBV	38042	46072	2.53%	0.217%
10	8.822	1142	1145	1151	rBV	32182	36261	1.99%	0.171%
11	9.086	1186	1190	1203	rBV	847114	866023	47.47%	4.080%
12	9.357	1232	1236	1242	rBV	21981	29201	1.60%	0.138%
13	9.422	1244	1247	1250	rBV	30258	33159	1.82%	0.156%
14	9.481	1255	1257	1263	rVV	42450	50183	2.75%	0.236%
15	9.539	1265	1267	1273	rVB2	16615	20325	1.11%	0.096%
16	9.622	1277	1281	1286	rBV	23918	25349	1.39%	0.119%
17	9.763	1301	1305	1309	rBV	1902449	1744071	95.59%	8.217%
18	9.792	1309	1310	1321	rVB	152293	124926	6.85%	0.589%
19	9.969	1336	1340	1344	rBV	80113	82570	4.53%	0.389%
20	10.175	1370	1375	1378	rBV	82519	72275	3.96%	0.341%
21	10.204	1378	1380	1384	rVB2	26149	22503	1.23%	0.106%
22	10.304	1395	1397	1404	rVB	138988	145902	8.00%	0.687%
23	10.422	1415	1417	1422	rBV2	16347	23180	1.27%	0.109%
24	10.463	1422	1424	1429	rVB	26121	29580	1.62%	0.139%
25	10.545	1434	1438	1452	rVB	706297	702025	38.48%	3.307%
26	10.675	1457	1460	1467	rVB2	42869	56220	3.08%	0.265%
27	10.798	1478	1481	1487	rBV7	27405	36787	2.02%	0.173%
28	10.851	1487	1490	1493	rBV	25109	32626	1.79%	0.154%
29	10.933	1501	1504	1507	rVB	18248	19468	1.07%	0.092%
30	11.133	1533	1538	1540	rBV3	46932	60395	3.31%	0.285%
31	11.239	1552	1556	1558	rBV	2022008	1824453	100.00%	8.595%
32	11.263	1558	1560	1564	rVV	894531	744086	40.78%	3.506%
33	11.316	1565	1569	1573	rVB	205357	208838	11.45%	0.984%
34	11.469	1592	1595	1599	rBV	44182	47722	2.62%	0.225%

LSC Area Percent Report

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Sample : K1691-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-030819-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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.545	1603	1608	1610	rBV2	35727	41802	2.29%	0.197%
36	11.645	1623	1625	1630	rVB2	18551	26227	1.44%	0.124%
37	11.739	1638	1641	1644	rBV	86001	87479	4.79%	0.412%
38	11.775	1644	1647	1652	rVV2	210284	259792	14.24%	1.224%
39	11.816	1652	1654	1657	rVV	53747	55196	3.03%	0.260%
40	11.851	1657	1660	1663	rVV	161695	185901	10.19%	0.876%
41	11.874	1663	1664	1670	rVB	63648	42894	2.35%	0.202%
42	11.951	1674	1677	1679	rVV2	35678	29298	1.61%	0.138%
43	12.033	1689	1691	1693	rBV	57331	49900	2.74%	0.235%
44	12.233	1723	1725	1728	rVB4	32447	29687	1.63%	0.140%
45	12.286	1731	1734	1737	rBV	73661	78840	4.32%	0.371%
46	12.322	1737	1740	1742	rVV3	56788	75263	4.13%	0.355%
47	12.339	1742	1743	1746	rVV2	70664	56467	3.10%	0.266%
48	12.380	1746	1750	1752	rVB3	22740	33589	1.84%	0.158%
49	12.445	1757	1761	1766	rBV	717351	637138	34.92%	3.002%
50	12.557	1778	1780	1784	rBV4	49550	65677	3.60%	0.309%
51	12.669	1794	1799	1803	rBV	523408	621631	34.07%	2.929%
52	12.792	1817	1820	1821	rBV2	41194	33047	1.81%	0.156%
53	12.816	1821	1824	1833	rVB	942936	868304	47.59%	4.091%
54	13.004	1853	1856	1859	rVB	99414	100148	5.49%	0.472%
55	13.063	1863	1866	1870	rVB3	119421	118098	6.47%	0.556%
56	13.104	1870	1873	1875	rBV	61720	65164	3.57%	0.307%
57	13.192	1886	1888	1891	rVB	42234	41140	2.25%	0.194%
58	13.227	1891	1894	1897	rBV	42987	50049	2.74%	0.236%
59	13.404	1921	1924	1926	rBV	93253	80039	4.39%	0.377%
60	13.727	1976	1979	1987	rVB2	147283	185824	10.19%	0.875%
61	13.863	1998	2002	2005	rBV2	1616421	1682316	92.21%	7.926%
62	14.045	2030	2033	2037	rVB2	192279	172242	9.44%	0.811%
63	14.345	2081	2084	2087	rBV	278917	282407	15.48%	1.330%
64	14.645	2132	2135	2141	rVB	332015	348426	19.10%	1.642%
65	14.874	2171	2174	2183	rVB	165365	306361	16.79%	1.443%
66	14.963	2185	2189	2193	rVB2	350241	397982	21.81%	1.875%
67	15.210	2229	2231	2237	rVB	113952	134796	7.39%	0.635%
68	15.274	2237	2242	2245	rVV	869769	1066802	58.47%	5.026%
69	15.315	2246	2249	2253	rVB	319992	385900	21.15%	1.818%
70	15.721	2314	2318	2323	rBV	238579	332329	18.22%	1.566%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : CL-02-030819-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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 21225809

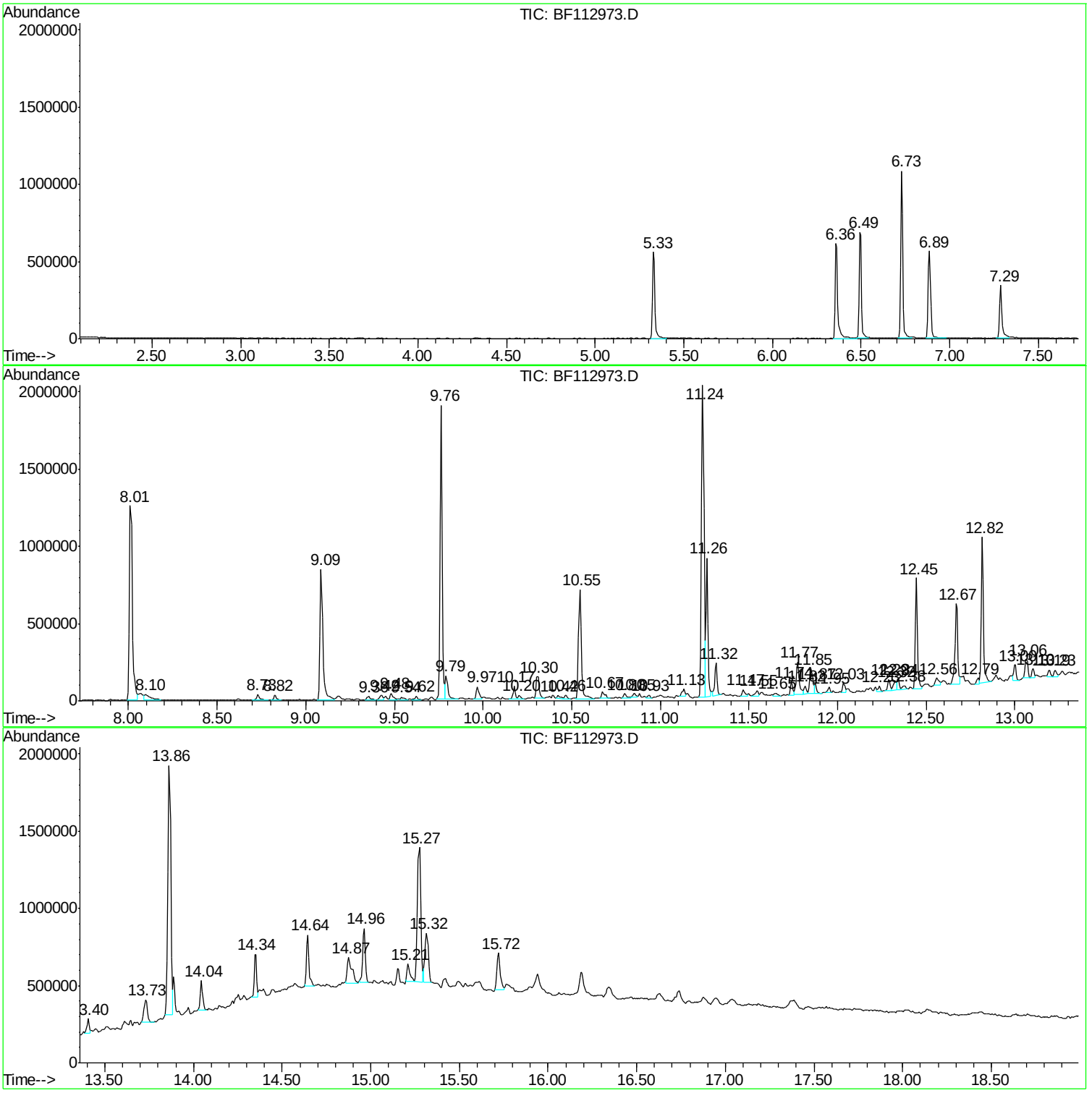
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112973.D
Acq On : 11 Mar 2019 23:44
Operator : JU/SJ
Sample : K1691-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-030819-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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\BF031119\
Data File : BF112973.D
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Operator : JU/SJ
Sample : K1691-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-030819-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

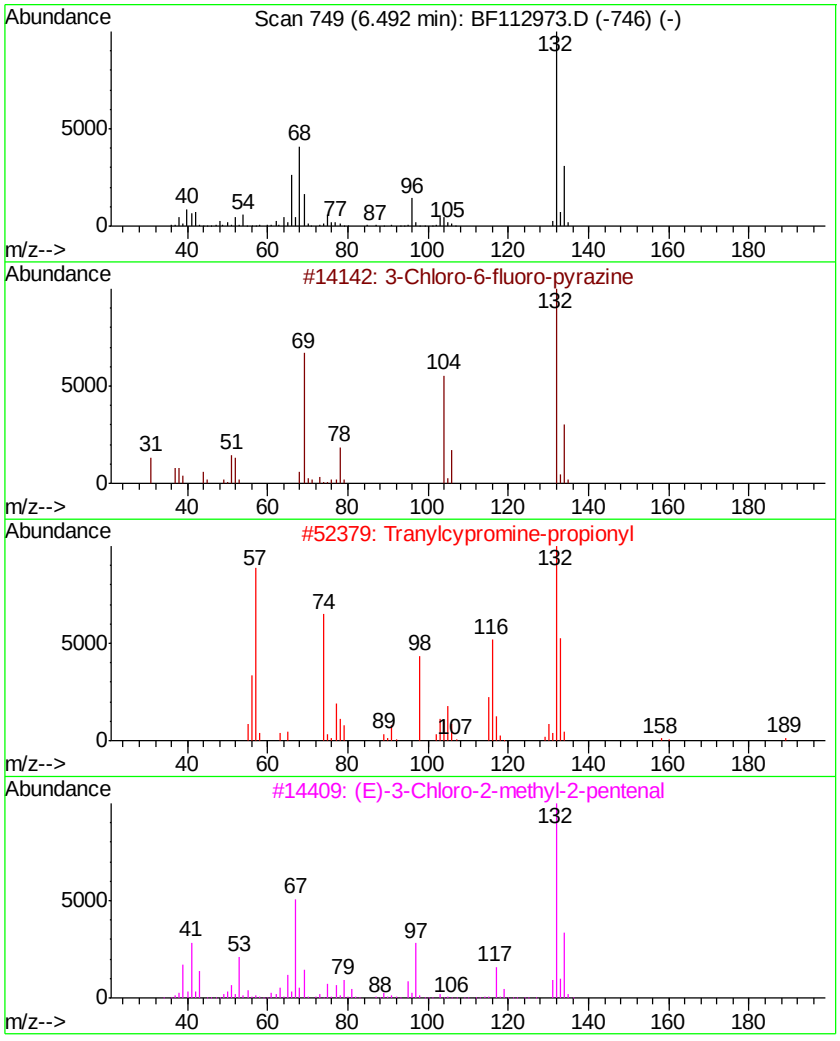
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

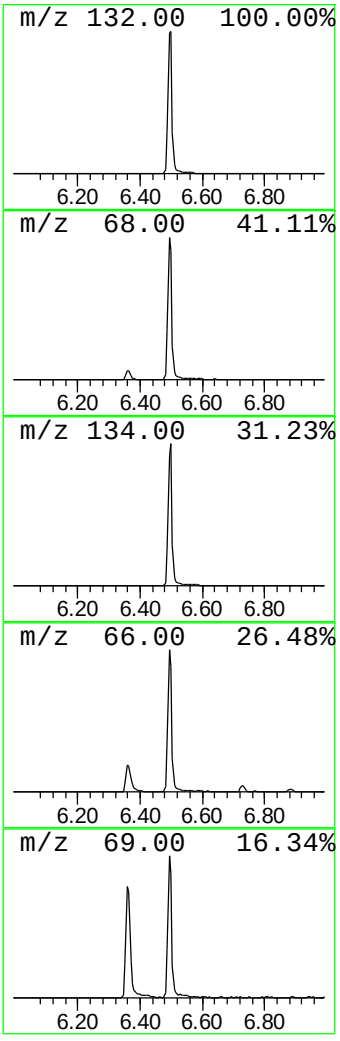
****

Peak Number 1 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	13.59 ng	655098	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112973.D
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Misc :
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Instrument : BNA_F
ClientSampleId : CL-02-030819-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

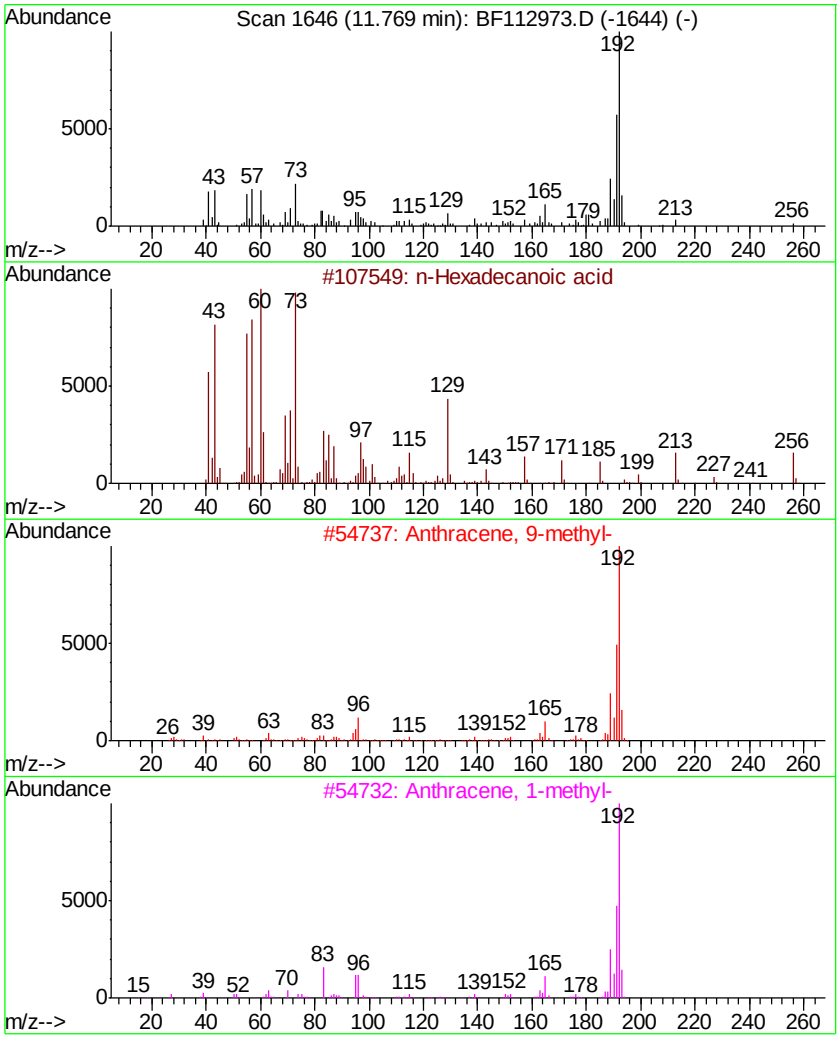
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

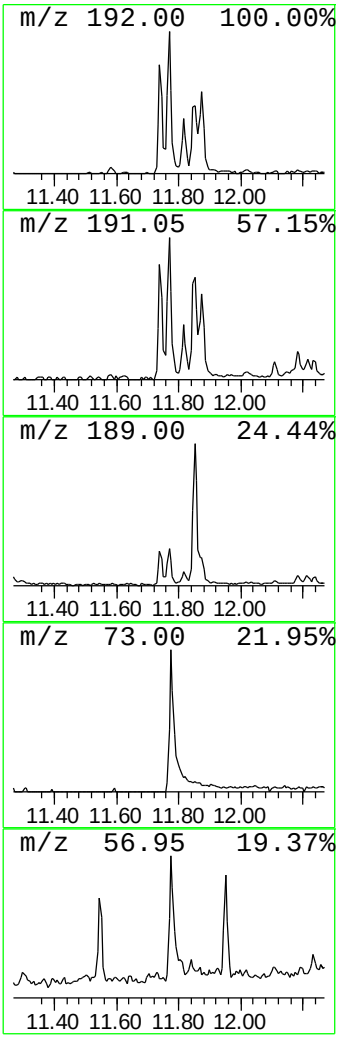
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	2.85 ng	259792	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112973.D
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Operator : JU/SJ
Sample : K1691-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-030819-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

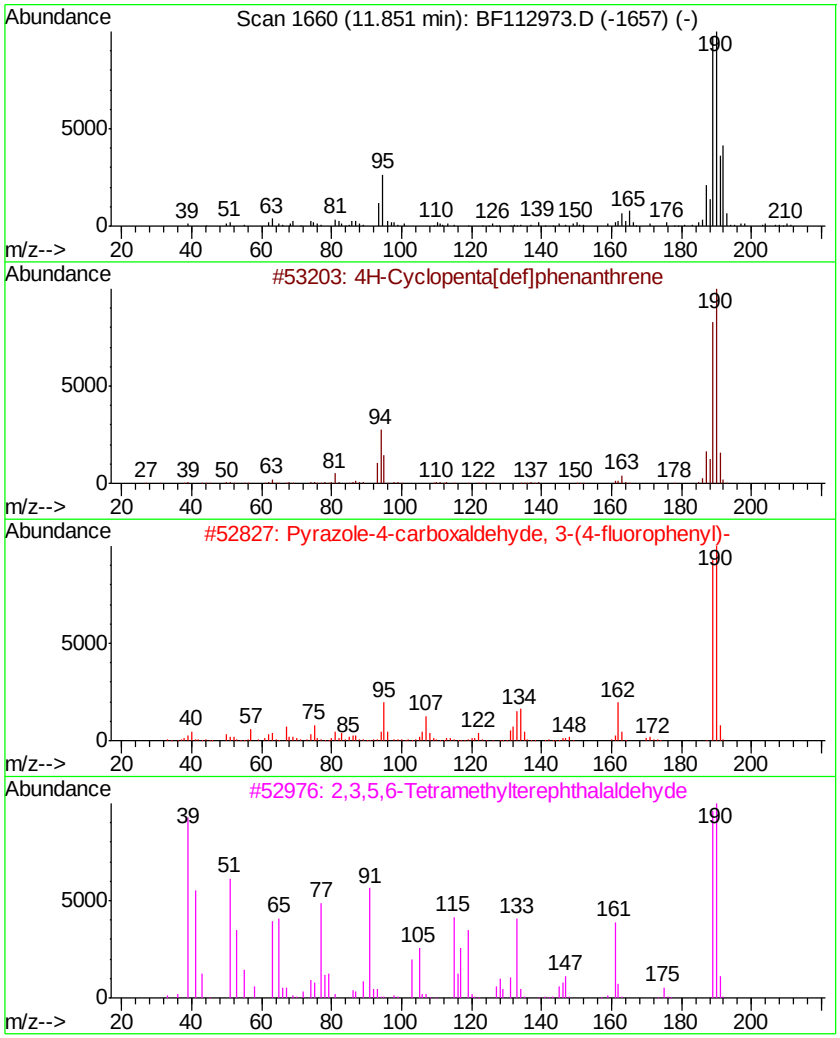
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

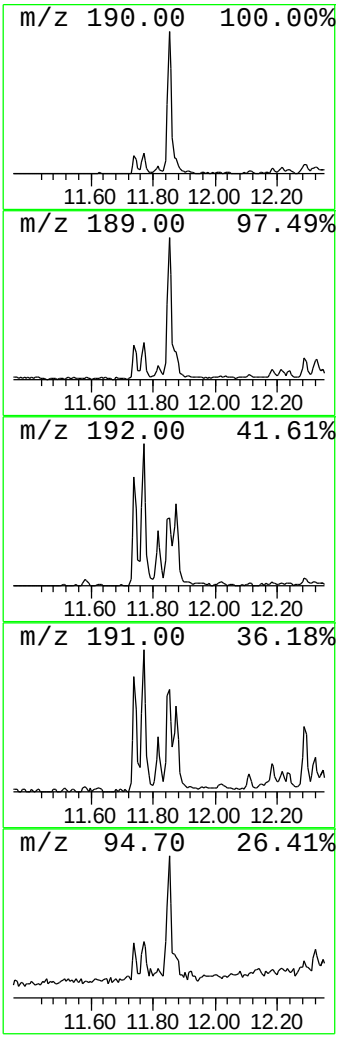
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	2.04 ng	185901	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	52
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4	Methyl diselenide	190	C2H6Se2	007101-31-7	38
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38





Library Search Compound Report

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

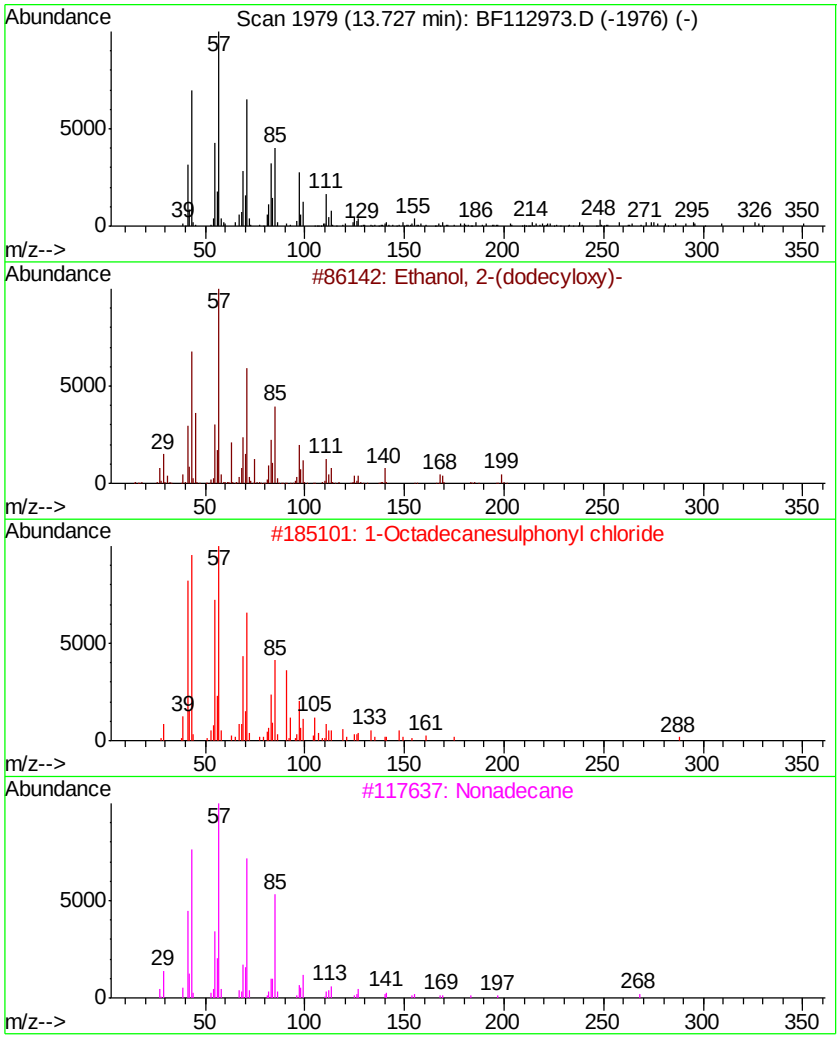
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

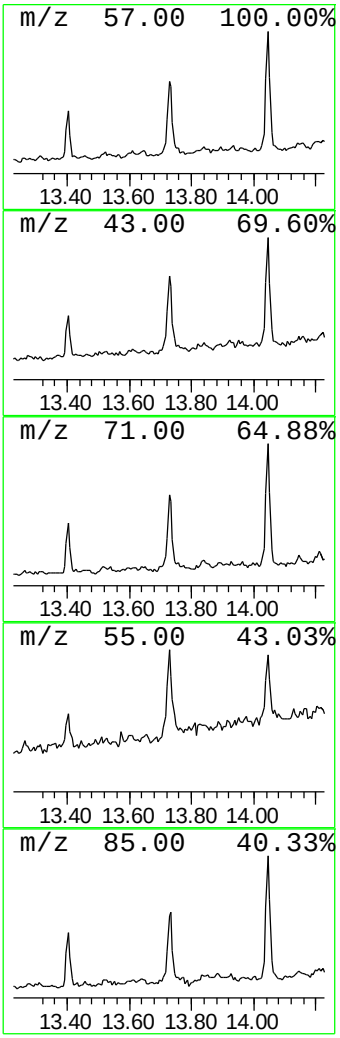
****

Peak Number 5 Ethanol, 2-(dodecyloxy)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	2.21 ng	185824	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	90
2	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	90
3	Nonadecane	268	C19H40	000629-92-5	68
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
5	Heneicosane	296	C21H44	000629-94-7	64





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Misc :
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Instrument : BNA_F
ClientSampleId : CL-02-030819-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

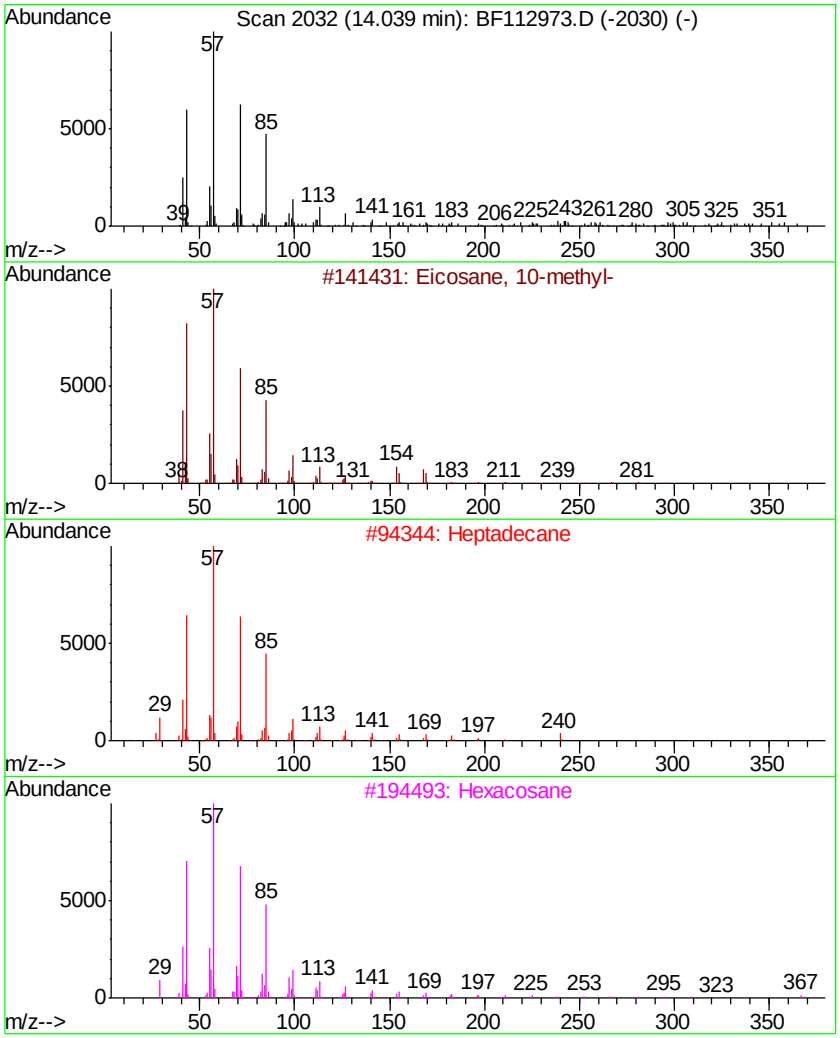
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

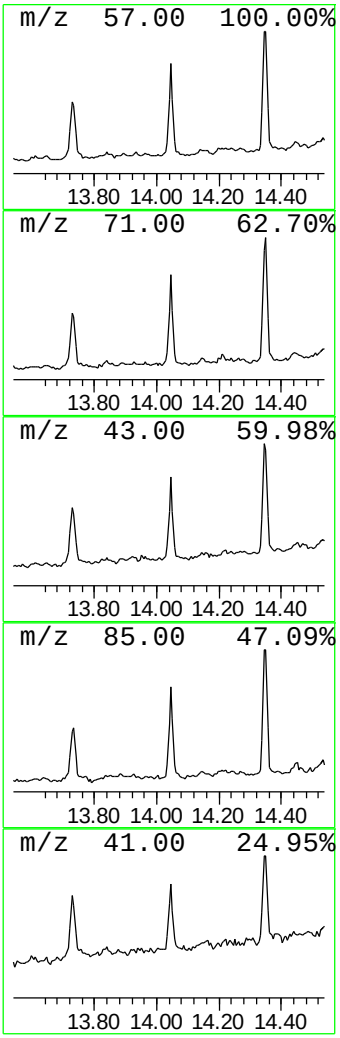
****

Peak Number 6 Eicosane, 10-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	2.05 ng	172242	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Hexacosane	366	C26H54	000630-01-3	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Docosane	310	C22H46	000629-97-0	83





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Data File : BF112973.D
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Misc :
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Instrument : BNA_F
ClientSampleId : CL-02-030819-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

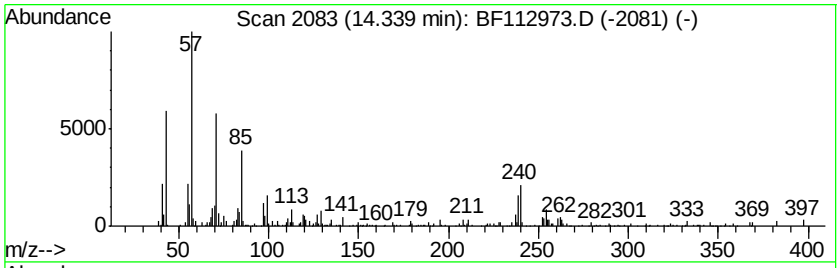
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

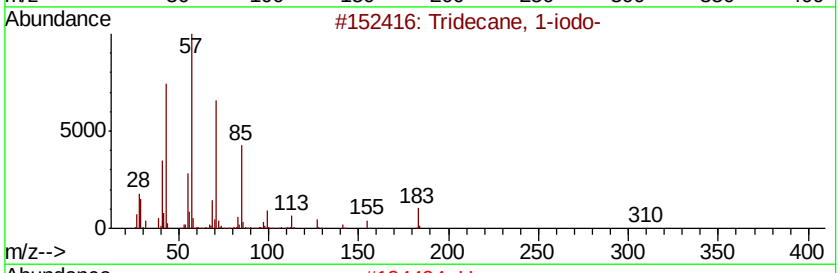
****

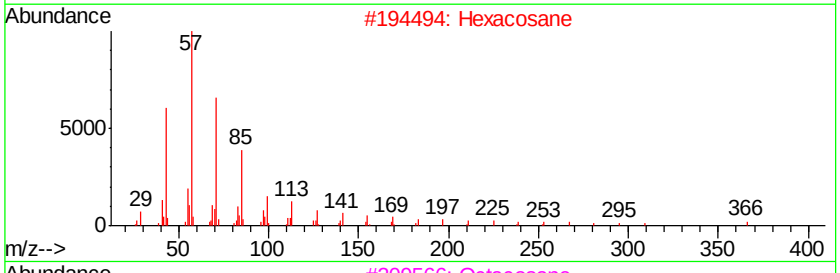
Peak Number 7 Tridecane, 1-iodo- Concentration Rank 6

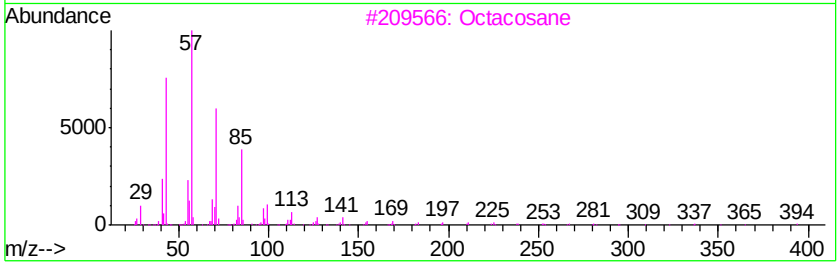
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	3.36 ng	282407	Chrysene-d12	13.86

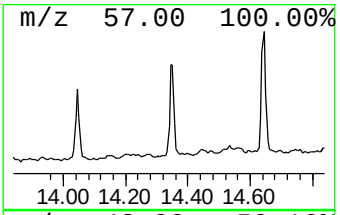
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	89
2	Hexacosane	366	C26H54	000630-01-3	83
3	Octacosane	394	C28H58	000630-02-4	81
4	Heneicosane	296	C21H44	000629-94-7	76
5	Tetracosane	338	C24H50	000646-31-1	74

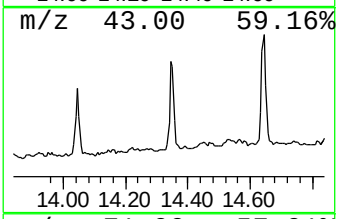


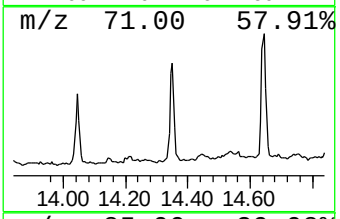


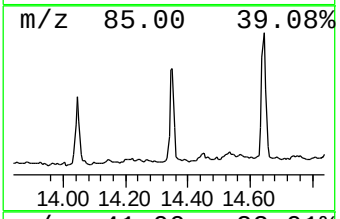


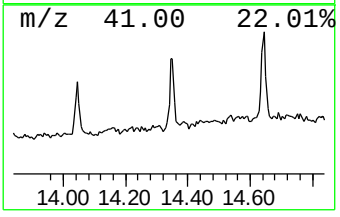












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112973.D
Acq On : 11 Mar 2019 23:44
Operator : JU/SJ
Sample : K1691-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-030819-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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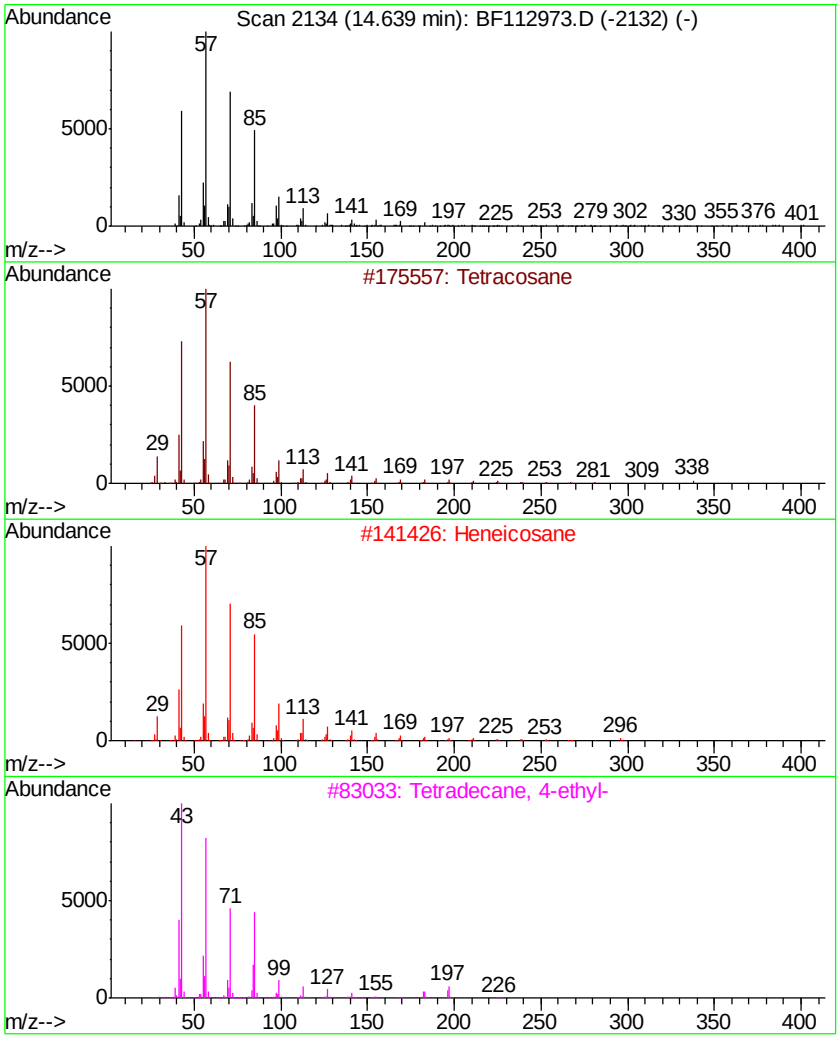
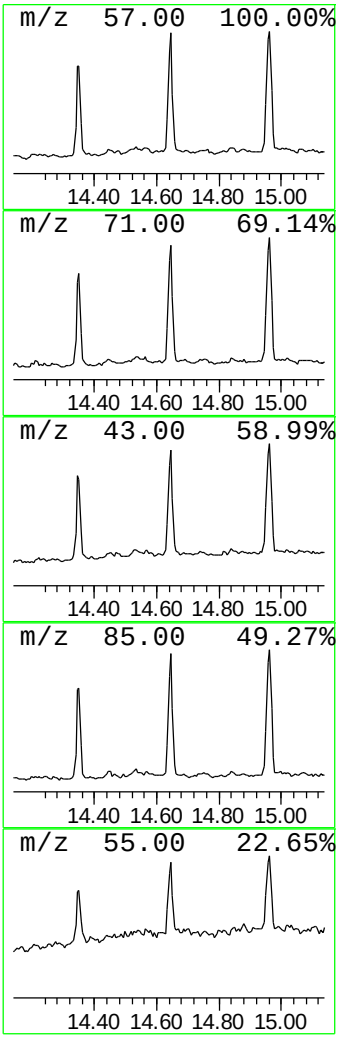
Peak Number 8 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	6.53 ng	348426	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	86
4	Octacosane	394	C28H58	000630-02-4	81
5	Pentadecane	212	C15H32	000629-62-9	80





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Data File : BF112973.D
Acq On : 11 Mar 2019 23:44
Operator : JU/SJ
Sample : K1691-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-030819-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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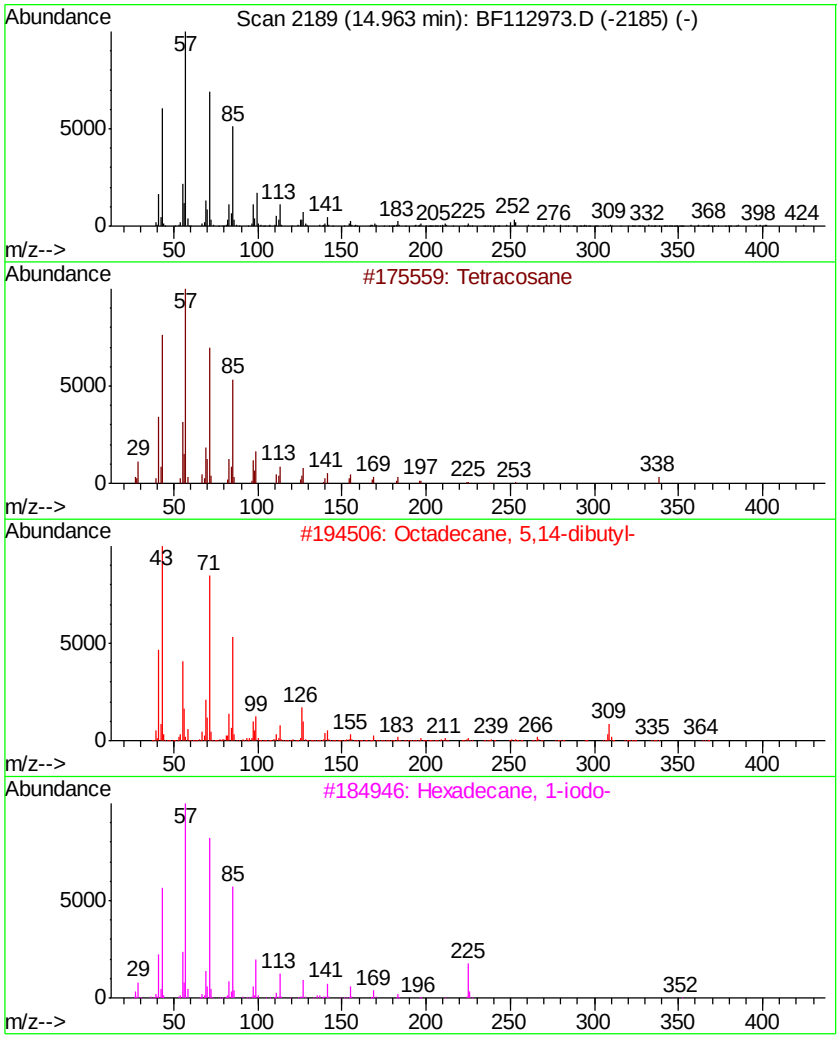
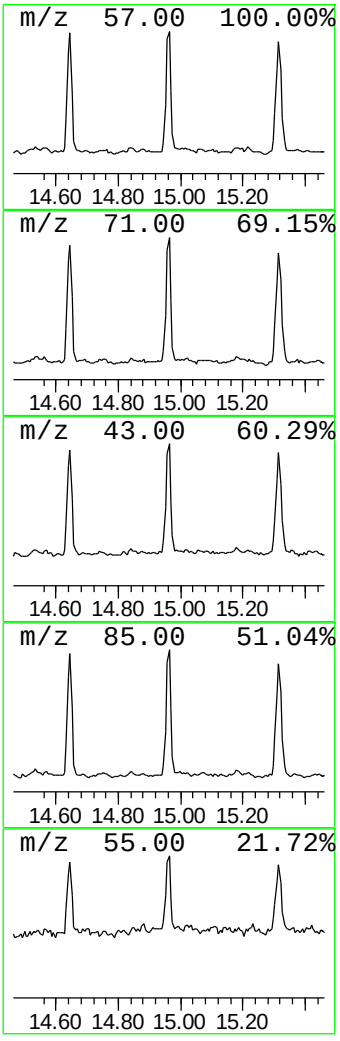
Peak Number 9 unknown14.96 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	7.46 ng	397982	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	93
2	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	93
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93
4	Hexacosane	366	C26H54	000630-01-3	90
5	Heneicosane	296	C21H44	000629-94-7	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112973.D
Acq On : 11 Mar 2019 23:44
Operator : JU/SJ
Sample : K1691-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-030819-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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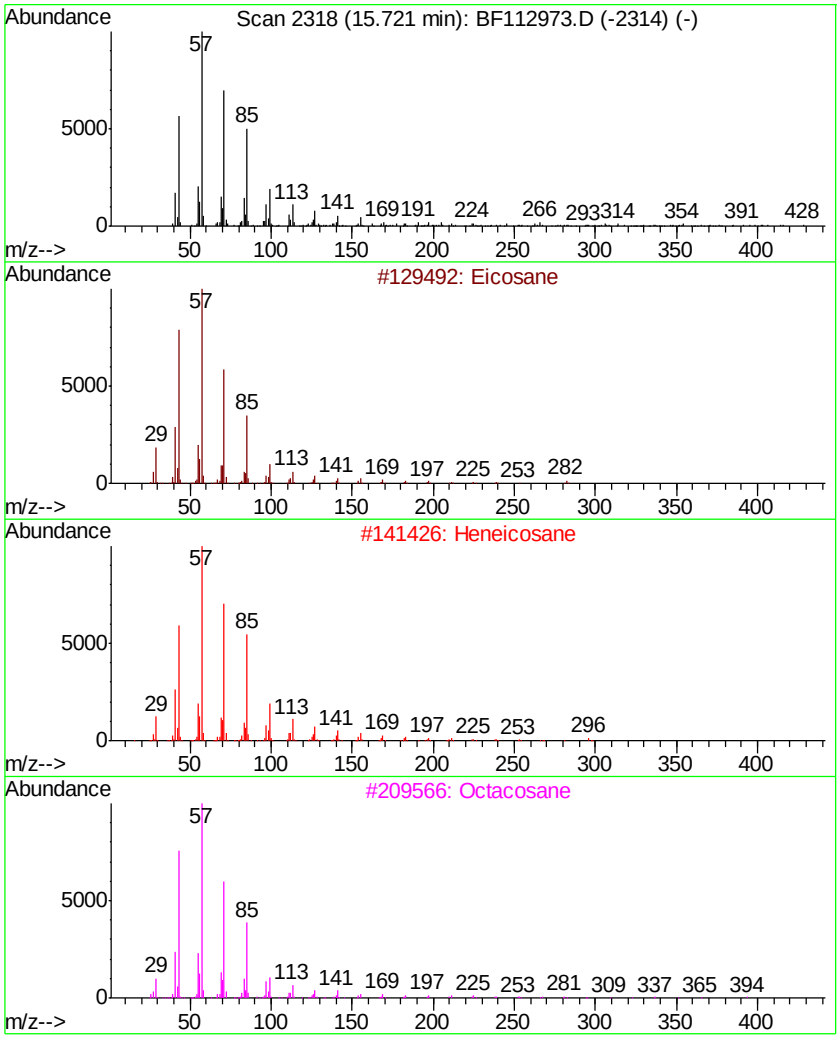
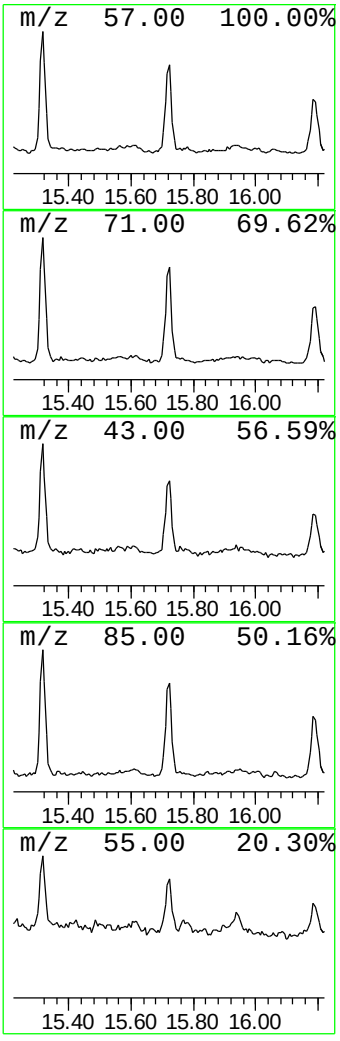
Peak Number 10 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	6.23 ng	332329	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	Hentriacontane	437	C31H64	000630-04-6	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031119\
Data File : BF112973.D
Acq On : 11 Mar 2019 23:44
Operator : JU/SJ
Sample : K1691-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-030819-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
unknown6.49	6.49	13.6	ng	655098	1	6.73	964248	20.0
n-Hexadecanoic acid	11.77	2.9	ng	259792	4	11.24	1824450	20.0
4H-Cyclopenta[def...	11.85	2.0	ng	185901	4	11.24	1824450	20.0
Ethanol, 2-(dodec...	13.73	2.2	ng	185824	5	13.86	1682320	20.0
Eicosane, 10-methyl-	14.04	2.0	ng	172242	5	13.86	1682320	20.0
Tridecane, 1-iodo-	14.34	3.4	ng	282407	5	13.86	1682320	20.0
Tetracosane	14.64	6.5	ng	348426	6	15.27	1066800	20.0
unknown14.96	14.96	7.5	ng	397982	6	15.27	1066800	20.0
Eicosane	15.72	6.2	ng	332329	6	15.27	1066800	20.0