LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
Data File : BF114512.D
Acq On : 23 May 2019 4:18
Operator : JU/SJ
Sample : K2951-03 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-12-S

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-BF051019.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	5.457	570	573	602	rBV	1384103	1731806	83.23%	5.817%
2	6.475	742	746	764	rBV	1518333	1873233	90.03%	6.292%
3	6.604	764	768	775	rVV	2002396	1813431	87.15%	6.091%
4	6.663	775	778	784	rVB3	31448	39654	1.91%	0.133%
5	6.828	803	806	814	rBV	1371959	1175473	56.49%	3.948%
6	6.986	829	833	844	rBV	1541688	1429240	68.69%	4.801%
7	7.092	848	851	857	rBV2	23090	31693	1.52%	0.106%
8	7.392	898	902	921	rBV	1036190	1132001	54.40%	3.802%
9	7.686	949	952	957	rBV	44914	50264	2.42%	0.169%
10	8.110	1021	1024	1048	rVB	1545028	1700323	81.72%	5.711%
11	8.333	1057	1062	1067	rBV	24635	32417	1.56%	0.109%
12	8.386	1067	1071	1073	rBV	20587	23313	1.12%	0.078%
13	8.533	1092	1096	1098	rBV	29999	27432	1.32%	0.092%
14	8.698	1121	1124	1129	rBV	38270	37042	1.78%	0.124%
15	8.827	1143	1146	1150	rBV2	30086	34250	1.65%	0.115%
16	8.927	1159	1163	1166	rBV	34467	41313	1.99%	0.139%
17	9.127	1195	1197	1203	rBV	34439	31244	1.50%	0.105%
18	9.186	1203	1207	1217	rBV	2249519	2080725	100.00%	6.989%
19	9.263	1217	1220	1223	rBV	72851	65043	3.13%	0.218%
20	9.457	1249	1253	1256	rBV2	37884	48626	2.34%	0.163%
21	9.527	1261	1265	1268	rVV2	59837	78423	3.77%	0.263%
22	9.580	1271	1274	1282	rVV	293169	335761	16.14%	1.128%
23	9.645	1282	1285	1291	rVB	32711	37415	1.80%	0.126%
24	9.727	1296	1299	1303	rBV	48002	54200	2.60%	0.182%
25	9.792	1308	1310	1314	rVB	88472	70349	3.38%	0.236%
26	9.869	1319	1323	1326	rVV	1920130	1732042	83.24%	5.818%
27	9.898	1326	1328	1332	rVB	78171	72370	3.48%	0.243%
28	9.969	1337	1340	1344	rBV2	25929	34290	1.65%	0.115%
29	10.022	1345	1349	1353	rBV6	26475	38102	1.83%	0.128%
30	10.074	1355	1358	1361	rVV2	59699	69767	3.35%	0.234%
31	10.110	1361	1364	1368	rVV4	55146	60063	2.89%	0.202%
32	10.180	1373	1376	1380	rBV	34545	41624	2.00%	0.140%
33	10.274	1388	1392	1393	rBV3	41612	51234	2.46%	0.172%
34	10.292	1393	1395	1397	rVB	151636	108063	5.19%	0.363%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
Data File : BF114512.D
Acq On : 23 May 2019 4:18
Operator : JU/SJ
Sample : K2951-03 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-12-S

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-BF051019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.416	1413	1416	1422	rBV2	66593	71995	3.46%	0.242%
36	10.510	1428	1432	1438	rVB2	82925	107816	5.18%	0.362%
37	10.563	1438	1441	1445	rBV4	23498	33044	1.59%	0.111%
38	10.627	1450	1452	1454	rBV2	30158	24740	1.19%	0.083%
39	10.657	1454	1457	1467	rBV	1070679	1146039	55.08%	3.849%
40	10.763	1472	1475	1476	rVV	205152	171626	8.25%	0.576%
41	10.774	1476	1477	1484	rVB2	185785	170410	8.19%	0.572%
42	10.957	1505	1508	1512	rBV5	37783	54037	2.60%	0.182%
43	10.992	1512	1514	1517	rVB	45942	35967	1.73%	0.121%
44	11.045	1521	1523	1526	rVB4	29060	26023	1.25%	0.087%
45	11.086	1528	1530	1532	rBV2	22174	24360	1.17%	0.082%
46	11.210	1548	1551	1554	rBV	227275	187061	8.99%	0.628%
47	11.239	1554	1556	1563	rVB2	106596	140237	6.74%	0.471%
48	11.357	1572	1576	1578	rBV	1876624	1772724	85.20%	5.954%
49	11.374	1578	1579	1584	rVV	556454	483999	23.26%	1.626%
50	11.433	1586	1589	1592	rVB	81714	83252	4.00%	0.280%
51	11.521	1601	1604	1606	rBV4	33656	33938	1.63%	0.114%
52	11.592	1613	1616	1621	rBV3	63601	84569	4.06%	0.284%
53	11.639	1621	1624	1627	rVV	213270	189757	9.12%	0.637%
54	11.857	1658	1661	1663	rBV	87754	85529	4.11%	0.287%
55	11.886	1663	1666	1671	rVB	114969	127562	6.13%	0.428%
56	11.933	1672	1674	1676	rBV3	44360	43282	2.08%	0.145%
57	11.968	1677	1680	1682	rBV2	120164	119662	5.75%	0.402%
58	12.045	1690	1693	1696	rBV	208271	182242	8.76%	0.612%
59	12.151	1708	1711	1715	rVB	50646	44725	2.15%	0.150%
60	12.410	1752	1755	1756	rBV	66191	56997	2.74%	0.191%
61	12.427	1756	1758	1763	rVB	194471	178218	8.57%	0.599%
62	12.568	1779	1782	1786	rBV	867846	735121	35.33%	2.469%
63	12.798	1815	1821	1827	rBV	904828	980959	47.15%	3.295%
64	12.933	1840	1844	1847	rVB	2043543	1719844	82.66%	5.777%
65	13.127	1875	1877	1879	rVB	102604	76782	3.69%	0.258%
66	13.157	1879	1882	1885	rBV	160836	130413	6.27%	0.438%
67	13.192	1886	1888	1891	rVB	77787	64159	3.08%	0.216%
68	13.357	1913	1916	1918	rBV	66517	79421	3.82%	0.267%
69	13.498	1938	1940	1943	rVB	160932	129544	6.23%	0.435%
70	13.827	1993	1996	1998	rVB2	135777	120231	5.78%	0.404%
71	13.998	2020	2025	2028	rBV2	1504224	1667659	80.15%	5.602%

LSC Area Percent Report

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Acq On : 23 May 2019 4:18
Operator : JU/SJ
Sample : K2951-03 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-12-S

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-BF051019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.021	2028	2029	2033	rVB	272942	212017	10.19%	0.712%
73	14.139	2047	2049	2053	rBV	148232	148107	7.12%	0.497%
74	14.445	2099	2101	2106	rVB2	194555	180062	8.65%	0.605%
75	14.745	2150	2152	2156	rVB	174314	164020	7.88%	0.551%
76	15.039	2200	2202	2205	rBV	196276	228478	10.98%	0.767%
77	15.404	2262	2264	2269	rVB	165303	184403	8.86%	0.619%
78	15.468	2270	2275	2279	rVV	768178	1088055	52.29%	3.655%

Sum of corrected areas: 29771312

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
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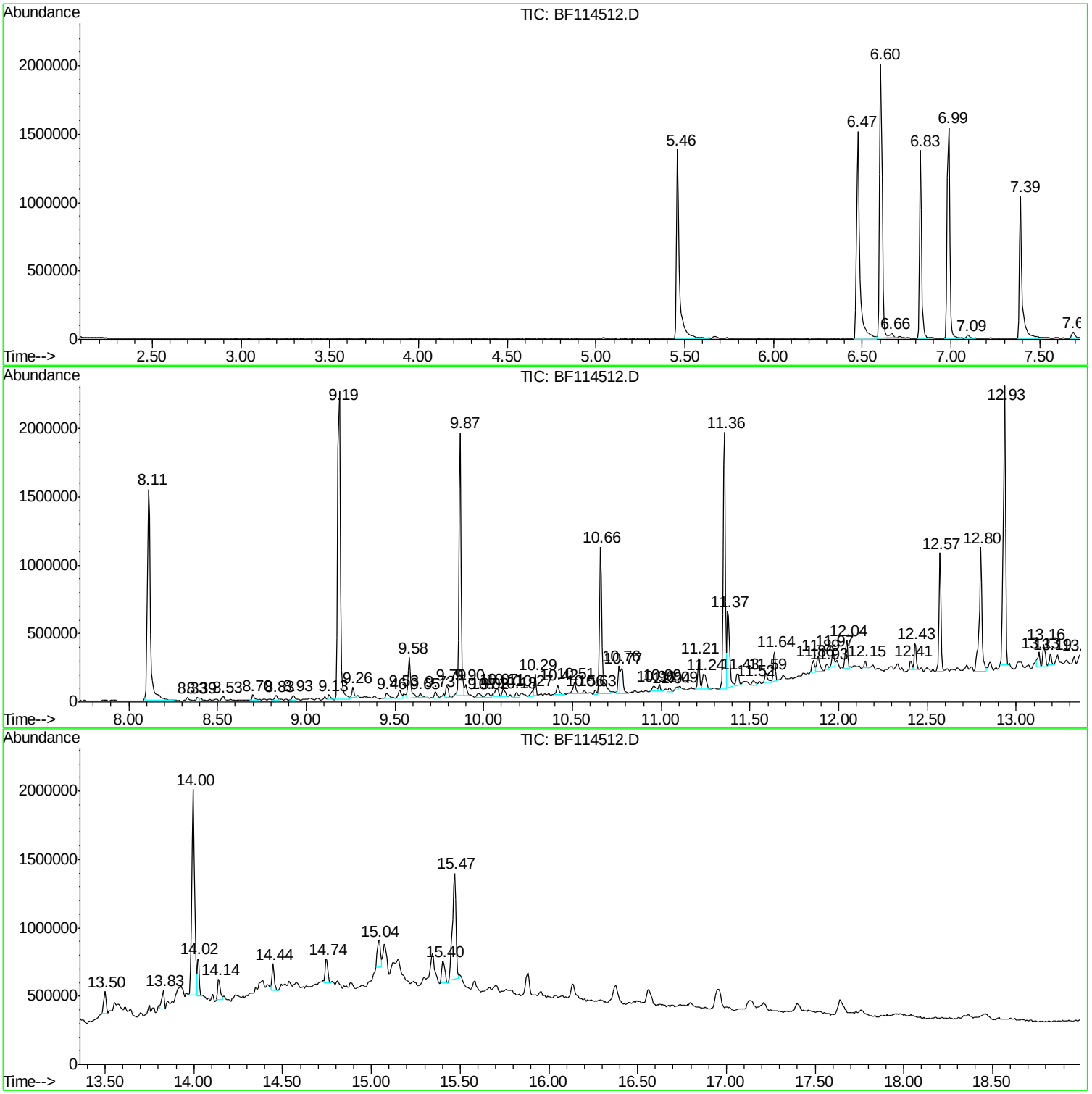
Operator : JU/SJ
Sample : K2951-03 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-12-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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\BF052219\
Data File : BF114512.D
Acq On : 23 May 2019 4:18
Operator : JU/SJ
Sample : K2951-03 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-12-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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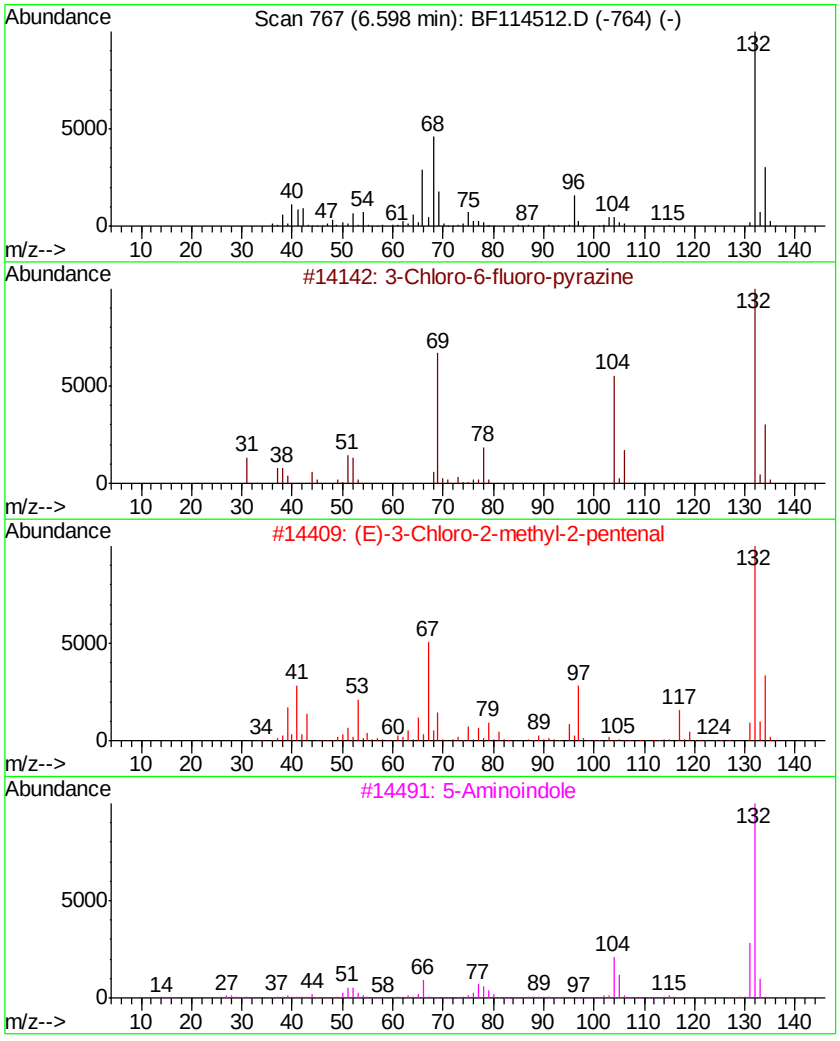
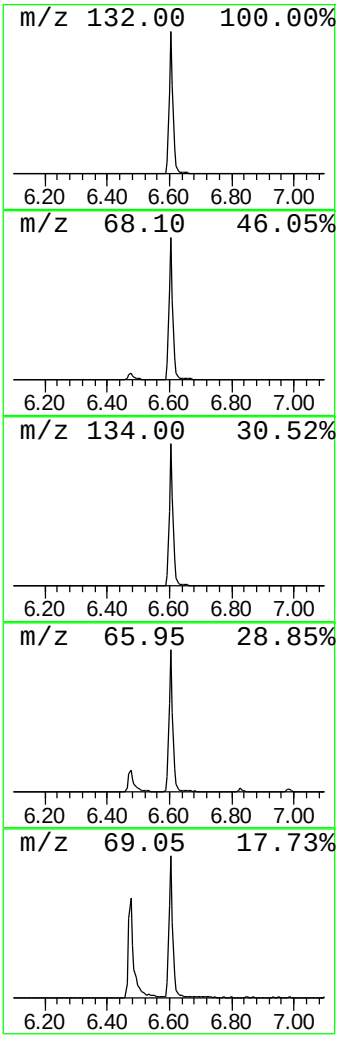
Peak Number 1 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	30.85 ng	1813430	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Amphetaminil	250	C17H18N2	017590-01-1	10





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Misc :
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Instrument : BNA_F
ClientSampleId : TP-12-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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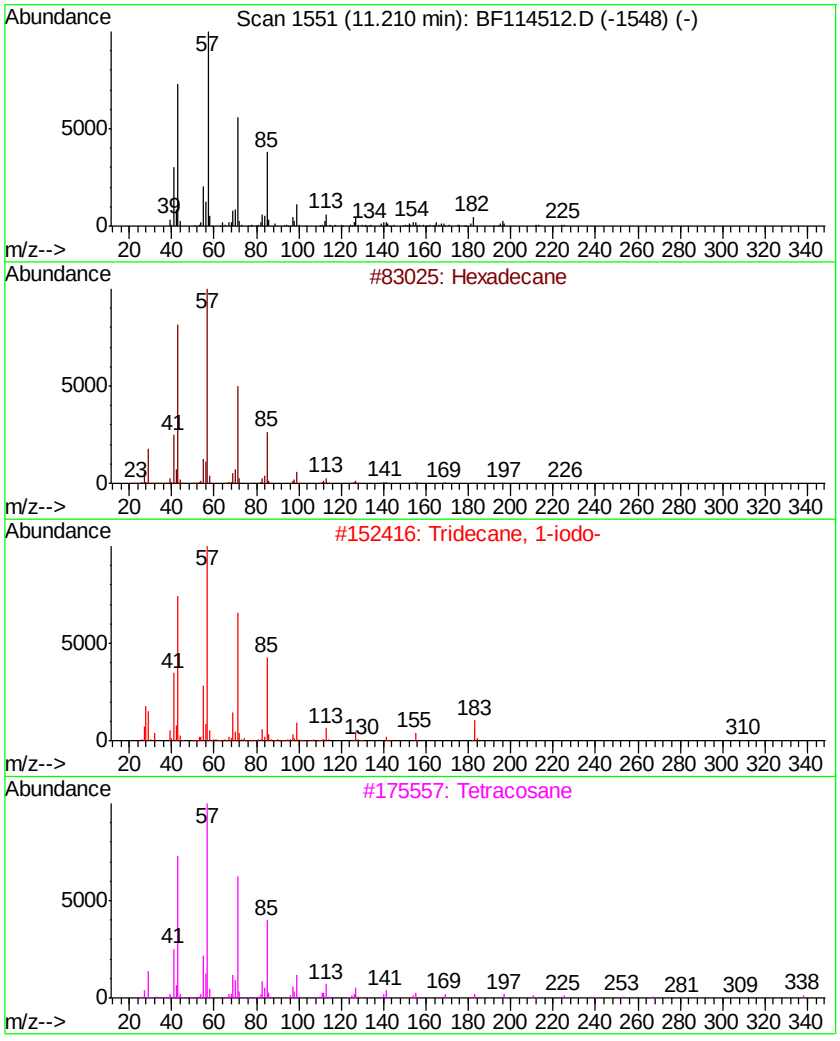
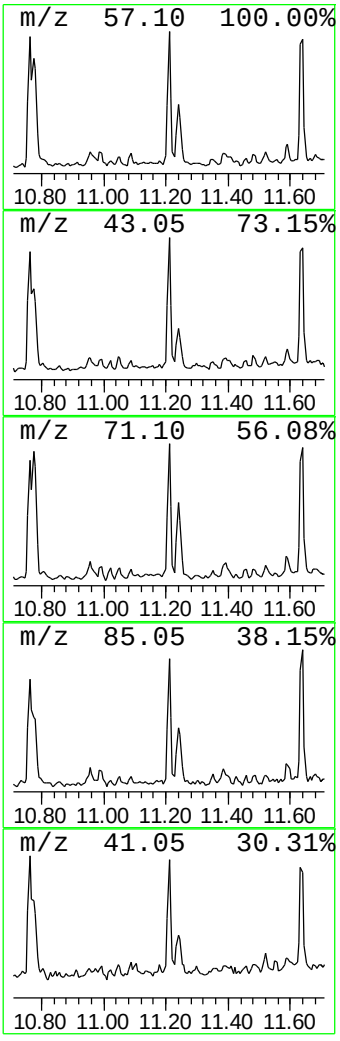
Peak Number 3 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	2.11 ng	187061	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
3	Tetracosane	338	C24H50	000646-31-1	87
4	Eicosane	282	C20H42	000112-95-8	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
Data File : BF114512.D
Acq On : 23 May 2019 4:18
Operator : JU/SJ
Sample : K2951-03 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-12-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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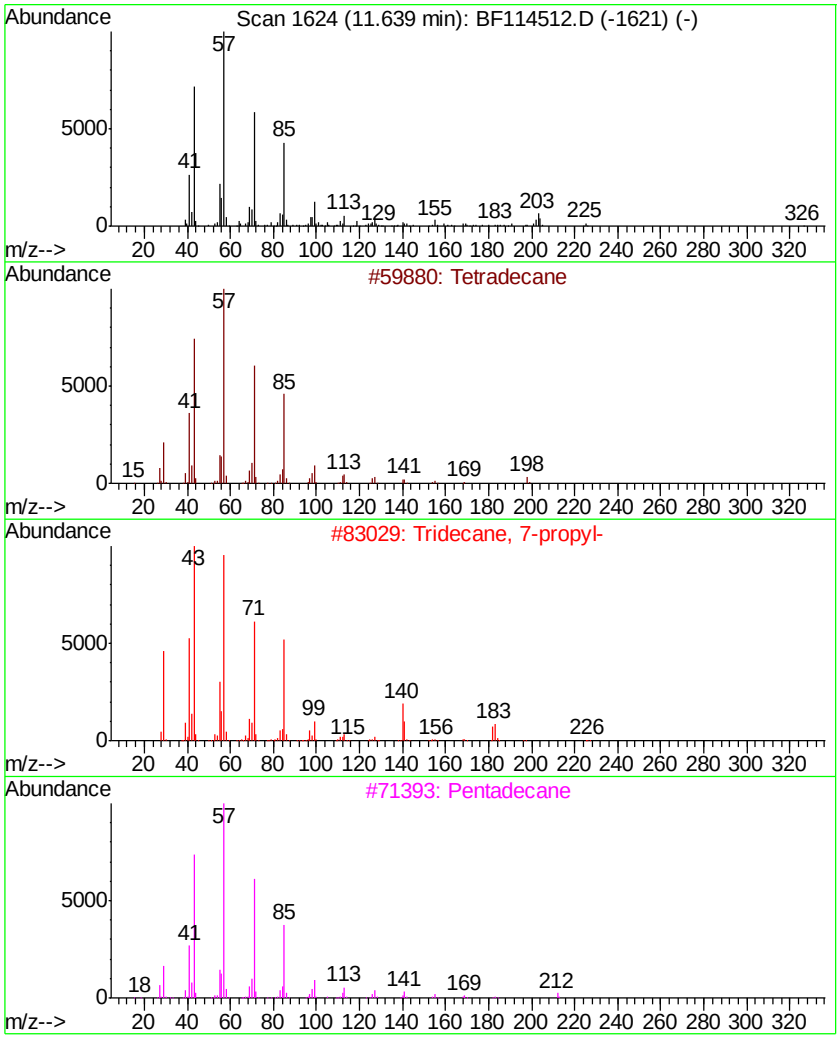
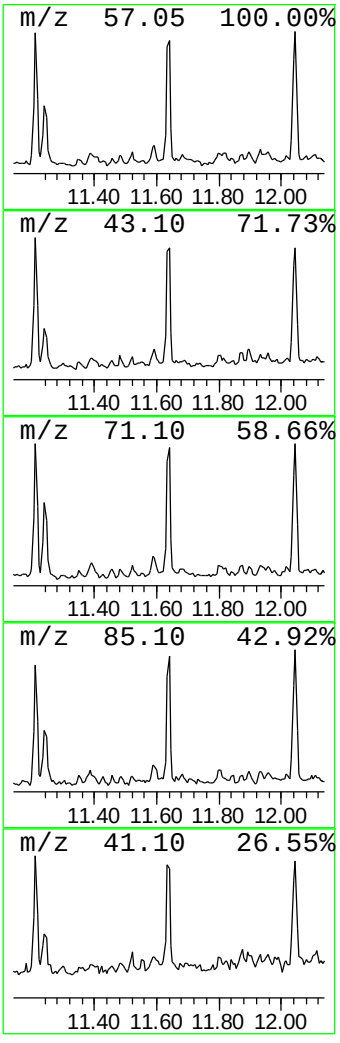
Peak Number 4 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	2.14 ng	189757	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Tridecane, 7-propyl-	226	C16H34	055045-09-5	90
3	Pentadecane	212	C15H32	000629-62-9	87
4	Heptacosane	380	C27H56	000593-49-7	86
5	Heneicosane	296	C21H44	000629-94-7	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
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Misc :
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Instrument : BNA_F
ClientSampleId : TP-12-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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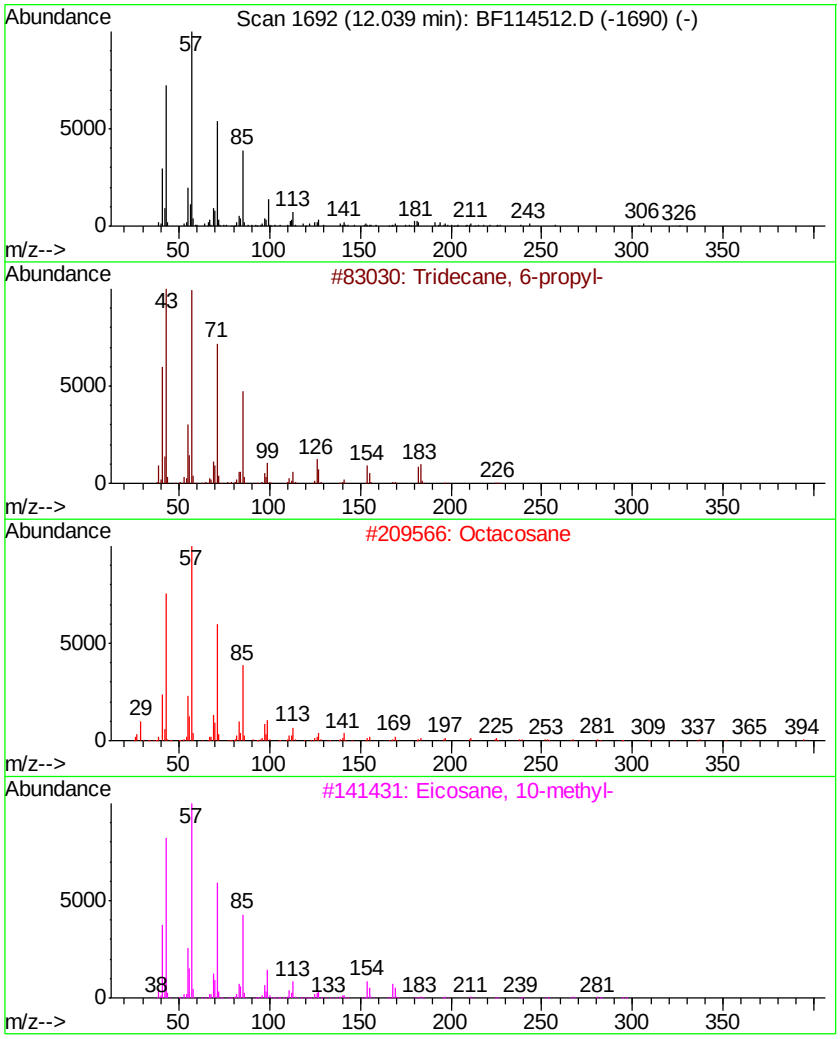
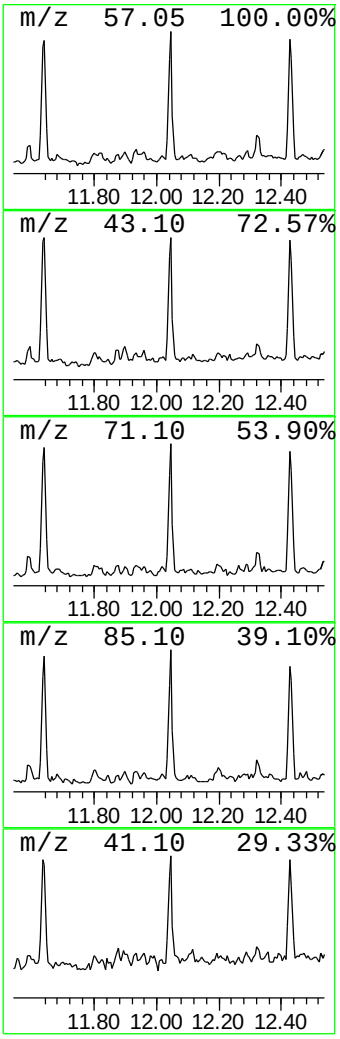
Peak Number 5 Tridecane, 6-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	2.06 ng	182242	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5	Hexadecane	226	C16H34	000544-76-3	81





Library Search Compound Report

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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-12-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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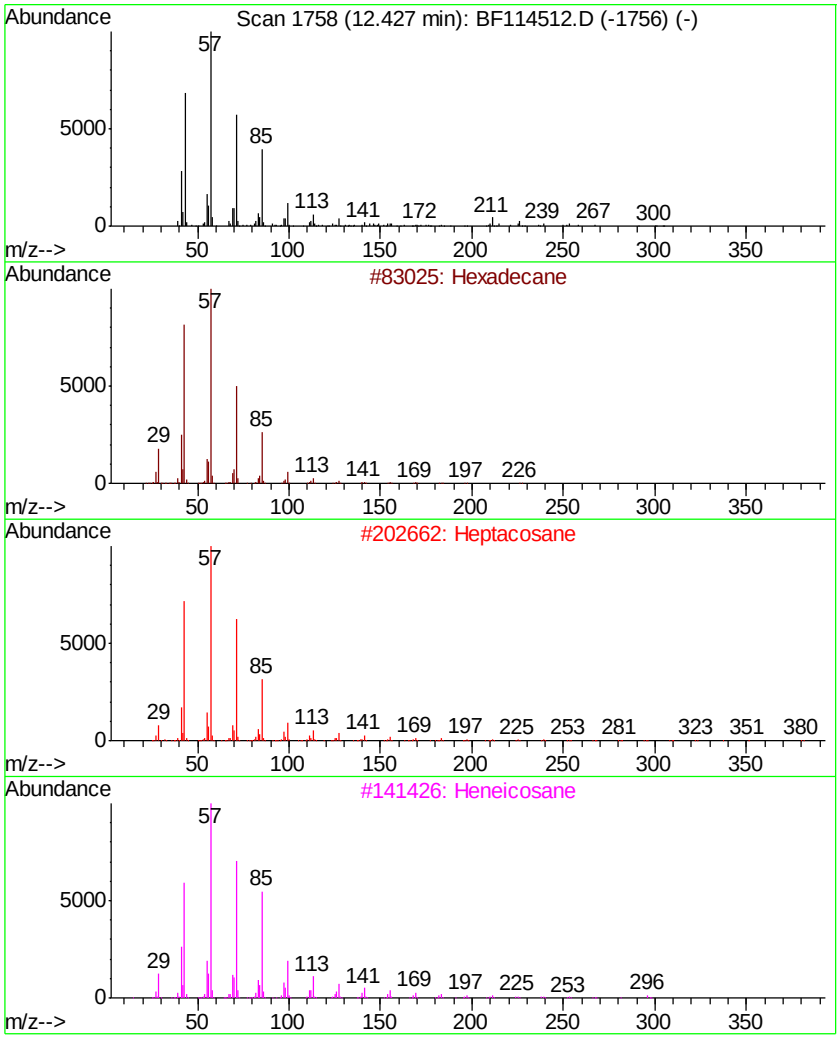
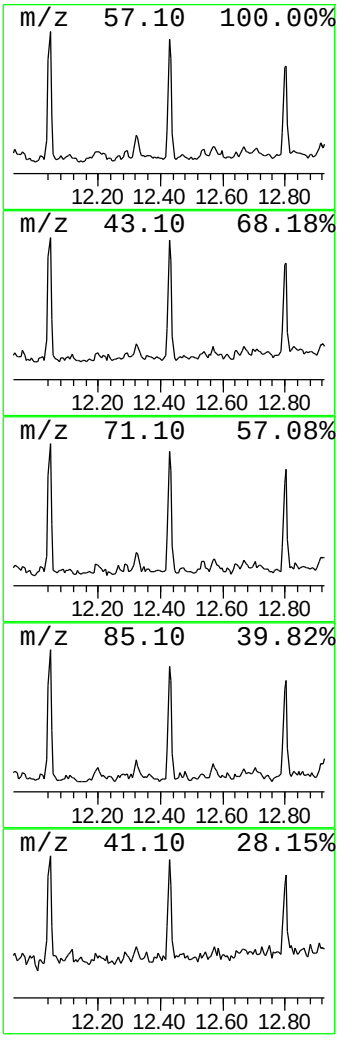
Peak Number 6 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	2.01 ng	178218	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Heptacosane	380	C27H56	000593-49-7	87
3	Heneicosane	296	C21H44	000629-94-7	86
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	80
5	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	78





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Data File : BF114512.D
Acq On : 23 May 2019 4:18
Operator : JU/SJ
Sample : K2951-03 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-12-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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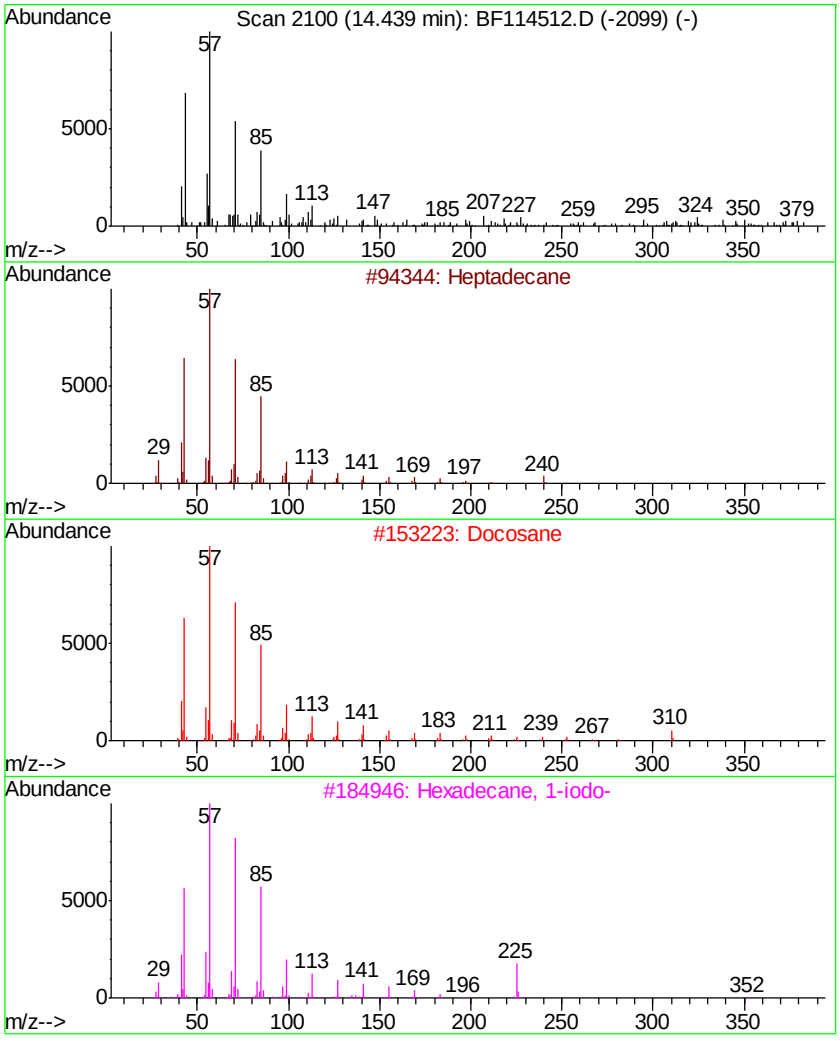
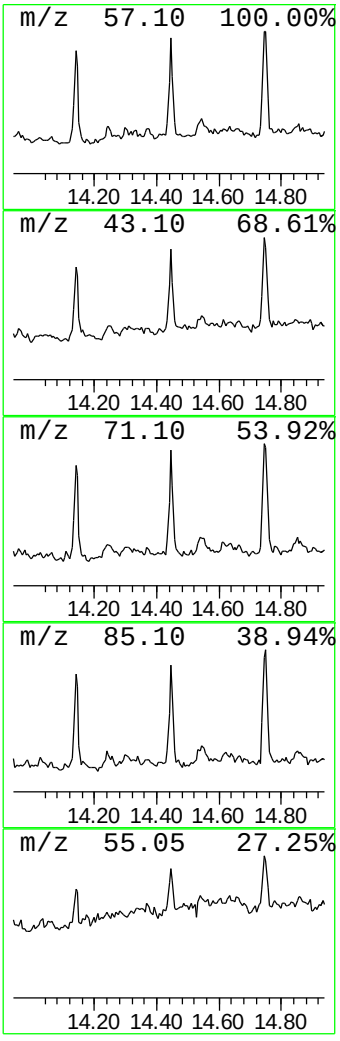
Peak Number 7 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	2.16 ng	180062	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Docosane	310	C22H46	000629-97-0	94
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93
4	Tetracosane	338	C24H50	000646-31-1	90
5	Heptacosane	380	C27H56	000593-49-7	90





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-12-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

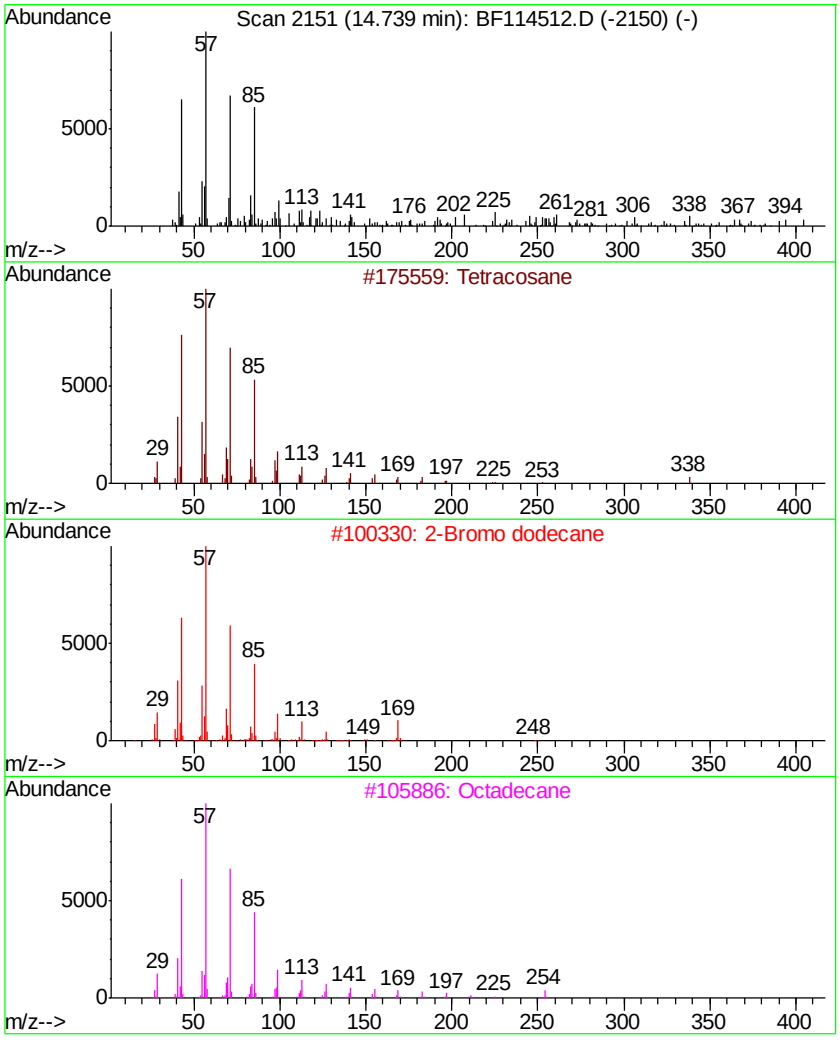
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

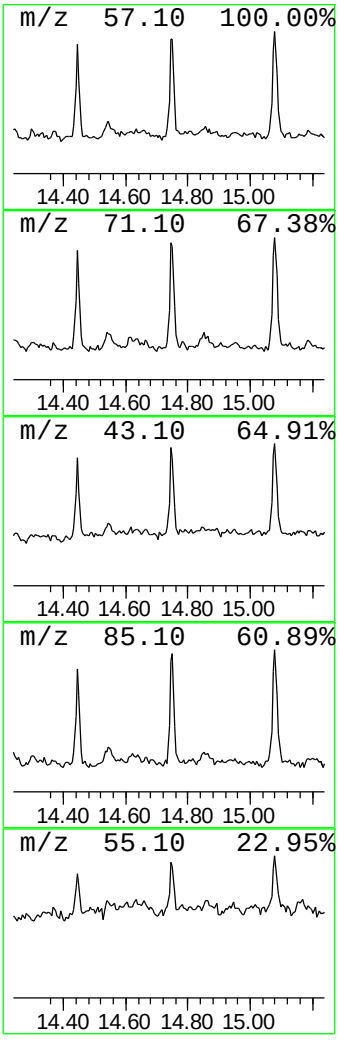
****

Peak Number 8 Tetracosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	3.01 ng	164020	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	93
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	87
3	Octadecane	254	C18H38	000593-45-3	83
4	Tricosane, 2-methyl-	338	C24H50	001928-30-9	83
5	Heptacosane	380	C27H56	000593-49-7	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052219\
Data File : BF114512.D
Acq On : 23 May 2019 4:18
Operator : JU/SJ
Sample : K2951-03 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-12-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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
unknown6.60	6.60	30.9	ng	1813430	1	6.83	1175470	20.0
Hexadecane	11.21	2.1	ng	187061	4	11.36	1772720	20.0
Tetradecane	11.64	2.1	ng	189757	4	11.36	1772720	20.0
Tridecane, 6-propyl-	12.04	2.1	ng	182242	4	11.36	1772720	20.0
Heptacosane	12.43	2.0	ng	178218	4	11.36	1772720	20.0
Heptadecane	14.44	2.2	ng	180062	5	14.00	1667660	20.0
Tetracosane	14.74	3.0	ng	164020	6	15.47	1088060	20.0