LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110330.D
Acq On : 31 Oct 2018 14:05
Operator : JU/SJ
Sample : J5199-07 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-103018

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-BF102318.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	2.246	23	27	41	rVB	95504	166464	20.43%	1.339%
2	5.192	525	528	536	rBV	21594	25786	3.16%	0.207%
3	5.587	591	595	615	rBV	611430	617279	75.75%	4.966%
4	6.586	762	765	785	rBV	579959	636543	78.11%	5.121%
5	6.739	787	791	798	rBV	765100	643684	78.99%	5.178%
6	6.969	827	830	836	rBV	470190	409222	50.22%	3.292%
7	7.128	853	857	866	rBV	584273	498967	61.23%	4.014%
8	7.533	922	926	936	rBV	339854	381265	46.79%	3.067%
9	8.257	1045	1049	1054	rBV	472844	443977	54.48%	3.572%
10	8.828	1144	1146	1151	rVB	21722	19386	2.38%	0.156%
11	9.075	1185	1188	1192	rBV4	14814	13699	1.68%	0.110%
12	9.192	1205	1208	1211	rBV3	13506	11970	1.47%	0.096%
13	9.257	1217	1219	1223	rVB2	14784	12765	1.57%	0.103%
14	9.327	1227	1231	1240	rBV	645871	600035	73.63%	4.827%
15	9.392	1240	1242	1246	rVB	53698	48304	5.93%	0.389%
16	9.475	1254	1256	1259	rVB3	12927	11033	1.35%	0.089%
17	9.651	1282	1286	1287	rBV4	9115	11918	1.46%	0.096%
18	9.716	1292	1297	1305	rVB2	86628	111758	13.71%	0.899%
19	9.875	1321	1324	1329	rBV	27273	31192	3.83%	0.251%
20	9.927	1329	1333	1337	rVV	84403	79076	9.70%	0.636%
21	10.016	1344	1348	1352	rBV	526807	448346	55.02%	3.607%
22	10.157	1369	1372	1375	rBV4	12217	17767	2.18%	0.143%
23	10.216	1379	1382	1385	rVV4	18403	22237	2.73%	0.179%
24	10.245	1385	1387	1392	rVV3	22048	33213	4.08%	0.267%
25	10.286	1392	1394	1398	rVB2	11968	11459	1.41%	0.092%
26	10.327	1398	1401	1404	rBV5	12649	18178	2.23%	0.146%
27	10.357	1404	1406	1412	rVB6	9554	12317	1.51%	0.099%
28	10.422	1414	1417	1420	rVV2	115232	102612	12.59%	0.825%
29	10.451	1420	1422	1425	rVB2	9586	9681	1.19%	0.078%
30	10.569	1439	1442	1448	rVB2	21427	32165	3.95%	0.259%
31	10.645	1451	1455	1458	rBV	48450	58960	7.24%	0.474%
32	10.698	1462	1464	1466	rBV3	13374	11101	1.36%	0.089%
33	10.727	1466	1469	1473	rBV3	13319	12820	1.57%	0.103%
34	10.769	1473	1476	1479	rVB3	19634	17514	2.15%	0.141%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110330.D
Acq On : 31 Oct 2018 14:05
Operator : JU/SJ
Sample : J5199-07 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-103018

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-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.810	1479	1483	1491	rBV	321085	372352	45.69%	2.995%
36	10.898	1495	1498	1503	rBV	134666	145123	17.81%	1.167%
37	10.992	1510	1514	1517	rBV4	7389	10004	1.23%	0.080%
38	11.092	1529	1531	1533	rBV3	14823	13820	1.70%	0.111%
39	11.151	1538	1541	1545	rVB4	11833	18856	2.31%	0.152%
40	11.186	1545	1547	1551	rVB4	16513	17052	2.09%	0.137%
41	11.227	1551	1554	1555	rBV2	14997	13929	1.71%	0.112%
42	11.351	1571	1575	1577	rBV	107317	95818	11.76%	0.771%
43	11.374	1577	1579	1583	rVV	45400	50868	6.24%	0.409%
44	11.404	1583	1584	1587	rVB	13275	9436	1.16%	0.076%
45	11.510	1598	1602	1604	rBV	540919	461251	56.60%	3.711%
46	11.533	1604	1606	1612	rVV	229285	209319	25.69%	1.684%
47	11.586	1612	1615	1619	rVV	51711	51609	6.33%	0.415%
48	11.621	1619	1621	1625	rVB4	20356	19877	2.44%	0.160%
49	11.663	1625	1628	1632	rBV3	16486	20359	2.50%	0.164%
50	11.727	1637	1639	1645	rBV3	14736	29969	3.68%	0.241%
51	11.774	1645	1647	1650	rVB	105929	82978	10.18%	0.668%
52	11.845	1656	1659	1663	rVB4	14422	14828	1.82%	0.119%
53	11.927	1670	1673	1674	rBV2	9366	10834	1.33%	0.087%
54	12.010	1684	1687	1690	rBV	54757	59141	7.26%	0.476%
55	12.039	1690	1692	1696	rVV2	50397	53013	6.51%	0.426%
56	12.092	1698	1701	1704	rVB	19998	23318	2.86%	0.188%
57	12.127	1704	1707	1709	rBV2	57618	62930	7.72%	0.506%
58	12.151	1709	1711	1714	rVB2	22837	19731	2.42%	0.159%
59	12.186	1714	1717	1720	rBV	92241	72846	8.94%	0.586%
60	12.245	1725	1727	1731	rBV4	9821	10561	1.30%	0.085%
61	12.304	1735	1737	1740	rVV	23643	23373	2.87%	0.188%
62	12.339	1740	1743	1748	rVB4	33834	37904	4.65%	0.305%
63	12.574	1778	1783	1789	rBV2	88408	123792	15.19%	0.996%
64	12.657	1793	1797	1798	rBV2	22583	25835	3.17%	0.208%
65	12.727	1805	1809	1813	rBV	378084	357297	43.84%	2.874%
66	12.763	1813	1815	1817	rVV3	12375	10300	1.26%	0.083%
67	12.792	1817	1820	1822	rVV3	14359	12037	1.48%	0.097%
68	12.963	1842	1849	1854	rBV	354671	445004	54.61%	3.580%
69	13.010	1854	1857	1860	rVV3	21295	24490	3.01%	0.197%
70	13.092	1867	1871	1874	rBV	713160	591692	72.61%	4.760%
71	13.174	1882	1885	1889	rBV2	23300	31644	3.88%	0.255%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110330.D
Acq On : 31 Oct 2018 14:05
Operator : JU/SJ
Sample : J5199-07 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-103018

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-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.286	1898	1904	1905	rBV	55051	73706	9.04%	0.593%
73	13.351	1913	1915	1918	rVB	42427	37861	4.65%	0.305%
74	13.392	1920	1922	1925	rVB2	30693	29519	3.62%	0.237%
75	13.486	1936	1938	1940	rBV	23236	19845	2.44%	0.160%
76	13.521	1941	1944	1953	rVB4	34587	73898	9.07%	0.594%
77	13.645	1963	1965	1970	rBV	46687	43264	5.31%	0.348%
78	13.798	1989	1991	1996	rBV	32982	40664	4.99%	0.327%
79	13.974	2018	2021	2025	rBV3	110973	120922	14.84%	0.973%
80	14.162	2048	2053	2056	rBV2	693677	814927	100.00%	6.556%
81	14.186	2056	2057	2060	rVB	160744	129980	15.95%	1.046%
82	14.274	2069	2072	2073	rBV	39100	38755	4.76%	0.312%
83	14.292	2073	2075	2078	rVV	76624	69333	8.51%	0.558%
84	14.598	2125	2127	2130	rVB	108021	93345	11.45%	0.751%
85	14.921	2179	2182	2186	rVB	165706	157696	19.35%	1.269%
86	15.245	2234	2237	2240	rBV	127482	191197	23.46%	1.538%
87	15.280	2240	2243	2247	rVB2	278395	332939	40.86%	2.678%
88	15.639	2301	2304	2308	rVB	107033	131345	16.12%	1.057%
89	15.686	2308	2312	2313	rBV	264413	321500	39.45%	2.586%
90	16.151	2387	2391	2397	rVB	216295	314151	38.55%	2.527%
91	16.692	2480	2483	2492	rVB	112269	180107	22.10%	1.449%

Sum of corrected areas: 12430837

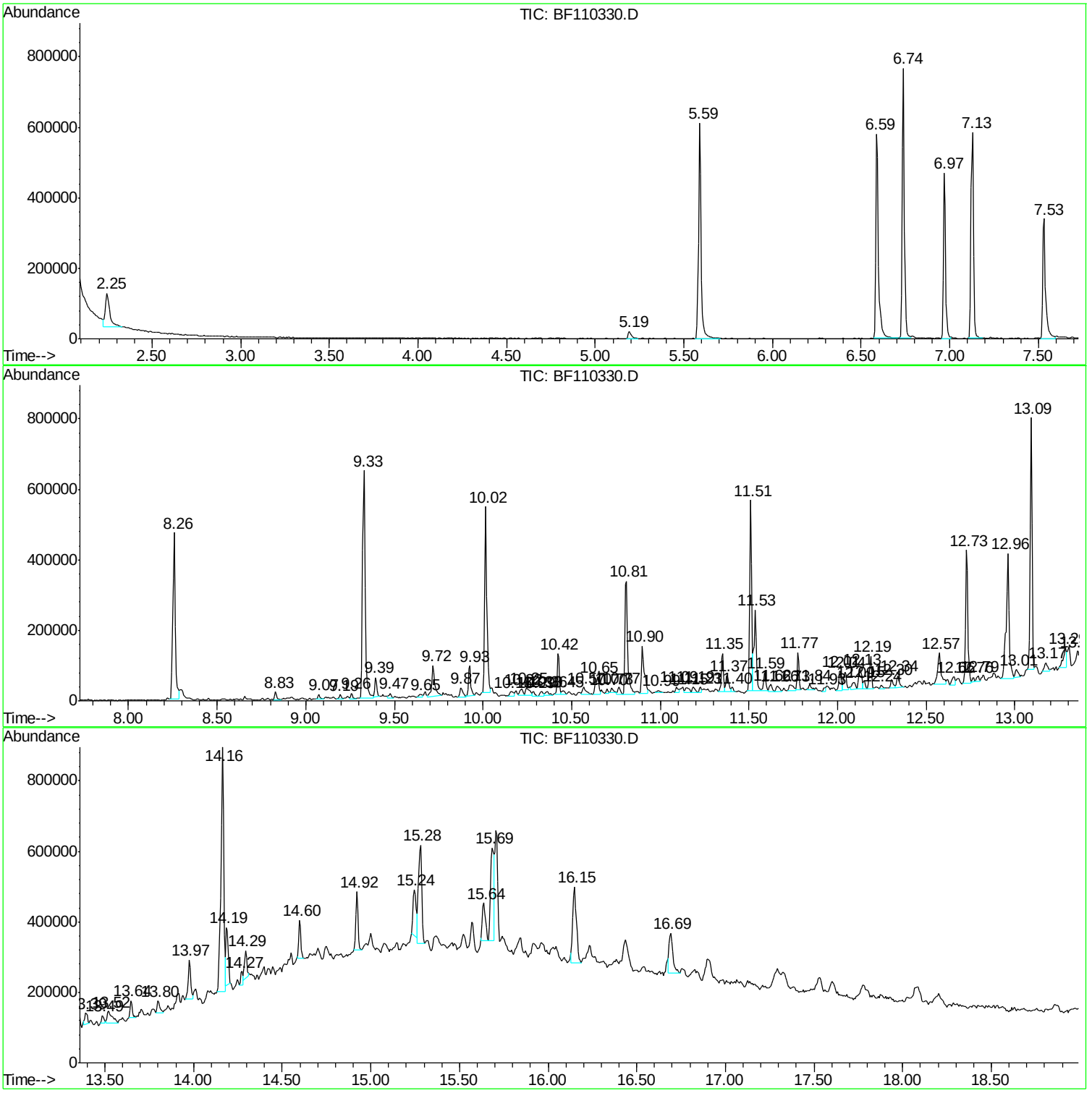
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110330.D
Acq On : 31 Oct 2018 14:05
Operator : JU/SJ
Sample : J5199-07 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-103018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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\BF103118\
Data File : BF110330.D
Acq On : 31 Oct 2018 14:05
Operator : JU/SJ
Sample : J5199-07 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-103018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

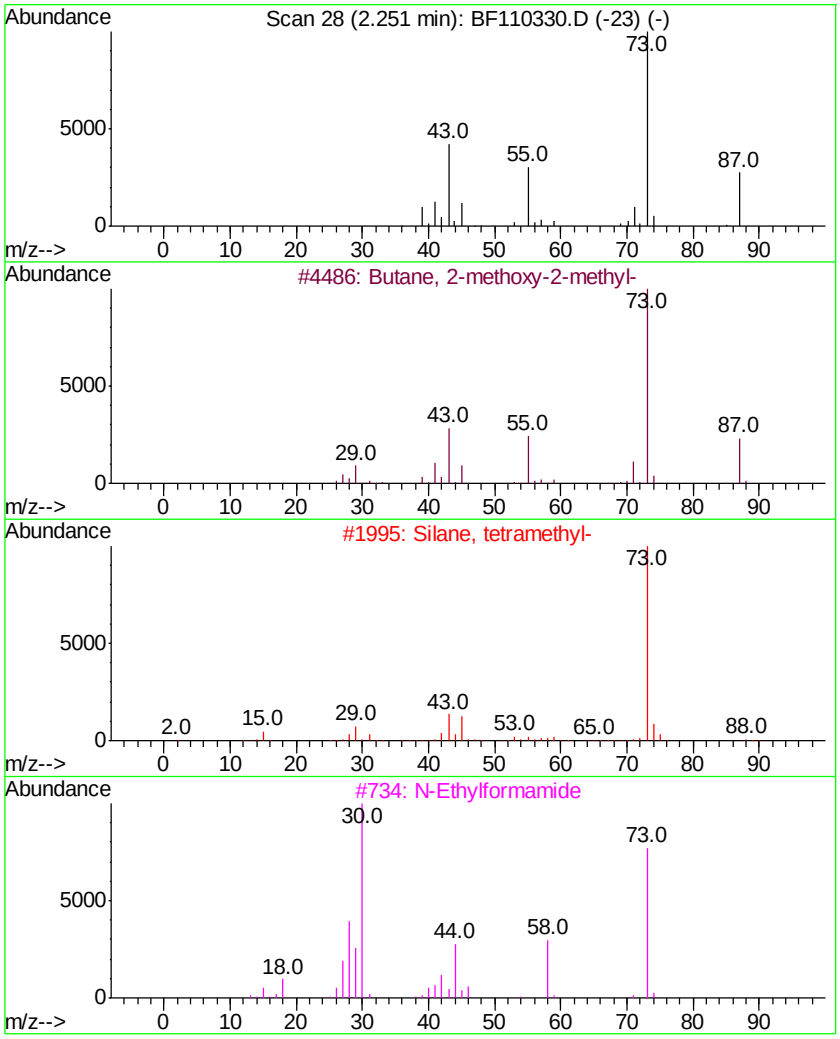
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

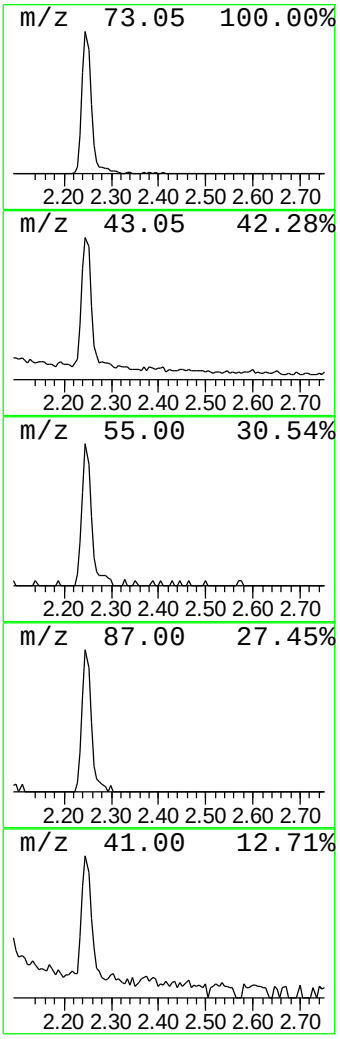
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.25	8.14 ng	166464	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9
5	1-Propene-1-thiol	74	C3H6S	000925-89-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110330.D
Acq On : 31 Oct 2018 14:05
Operator : JU/SJ
Sample : J5199-07 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-103018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

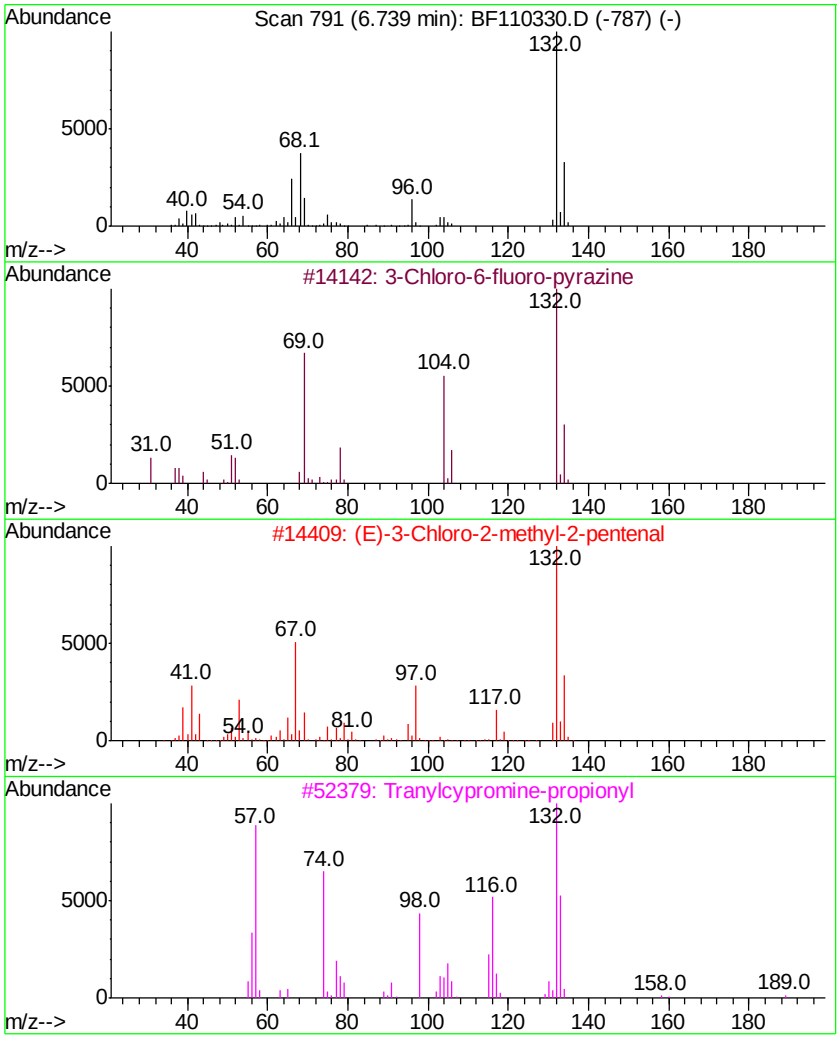
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

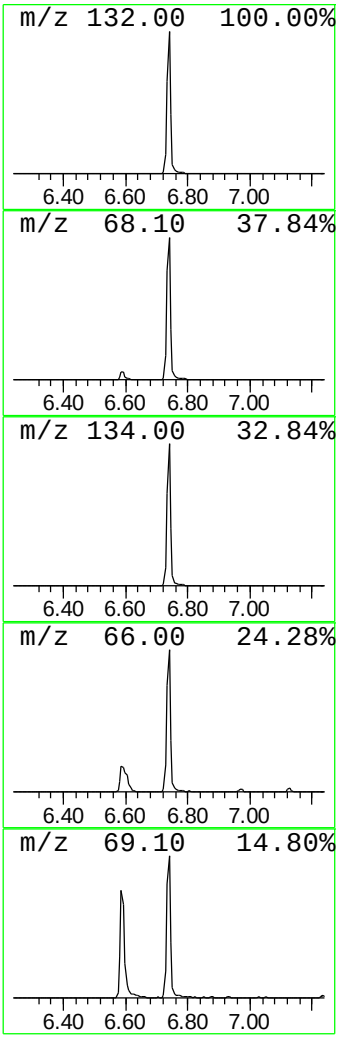
****

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	31.46 ng	643684	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110330.D
Acq On : 31 Oct 2018 14:05
Operator : JU/SJ
Sample : J5199-07 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-103018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

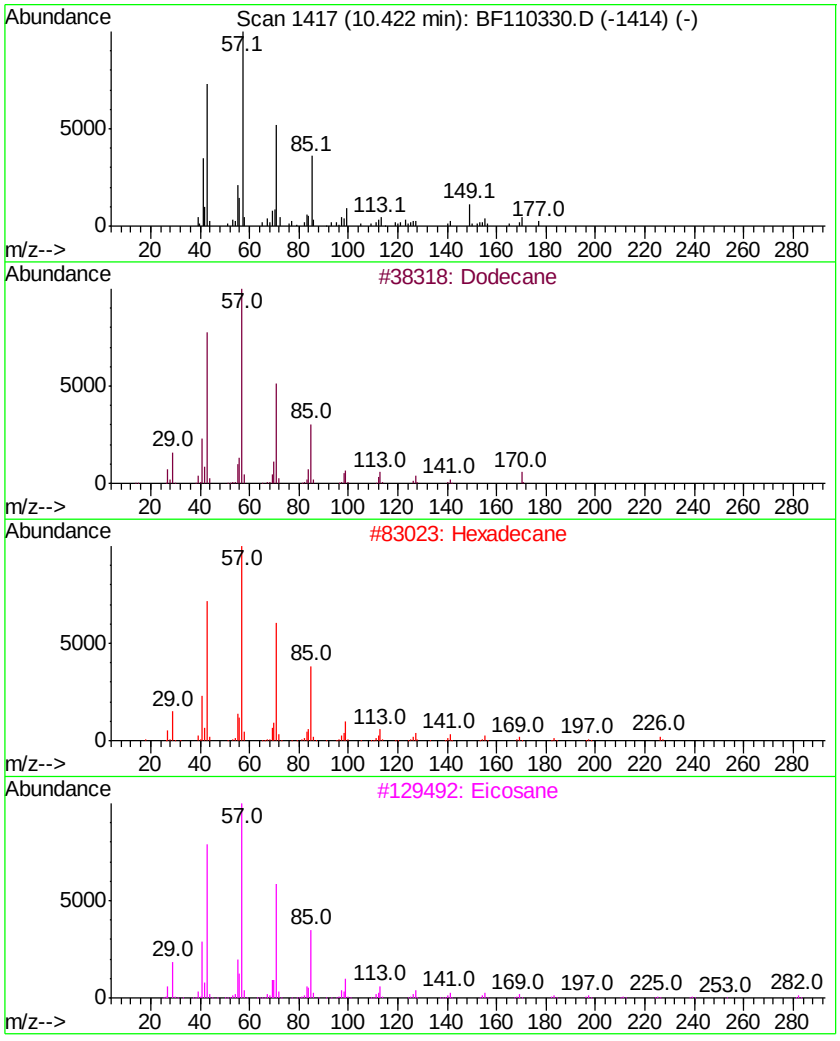
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

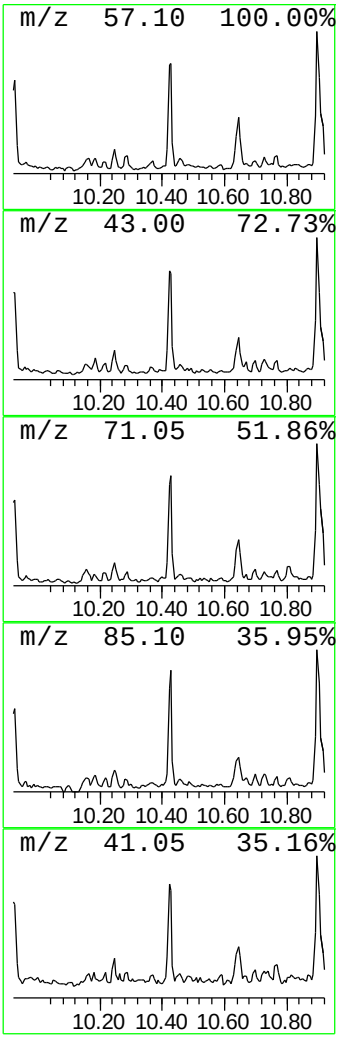
****

Peak Number 5 Dodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	4.58 ng	102612	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	87
2	Hexadecane	226	C16H34	000544-76-3	80
3	Eicosane	282	C20H42	000112-95-8	72
4	Pentadecane	212	C15H32	000629-62-9	72
5	Tetracosane	338	C24H50	000646-31-1	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110330.D
Acq On : 31 Oct 2018 14:05
Operator : JU/SJ
Sample : J5199-07 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-103018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

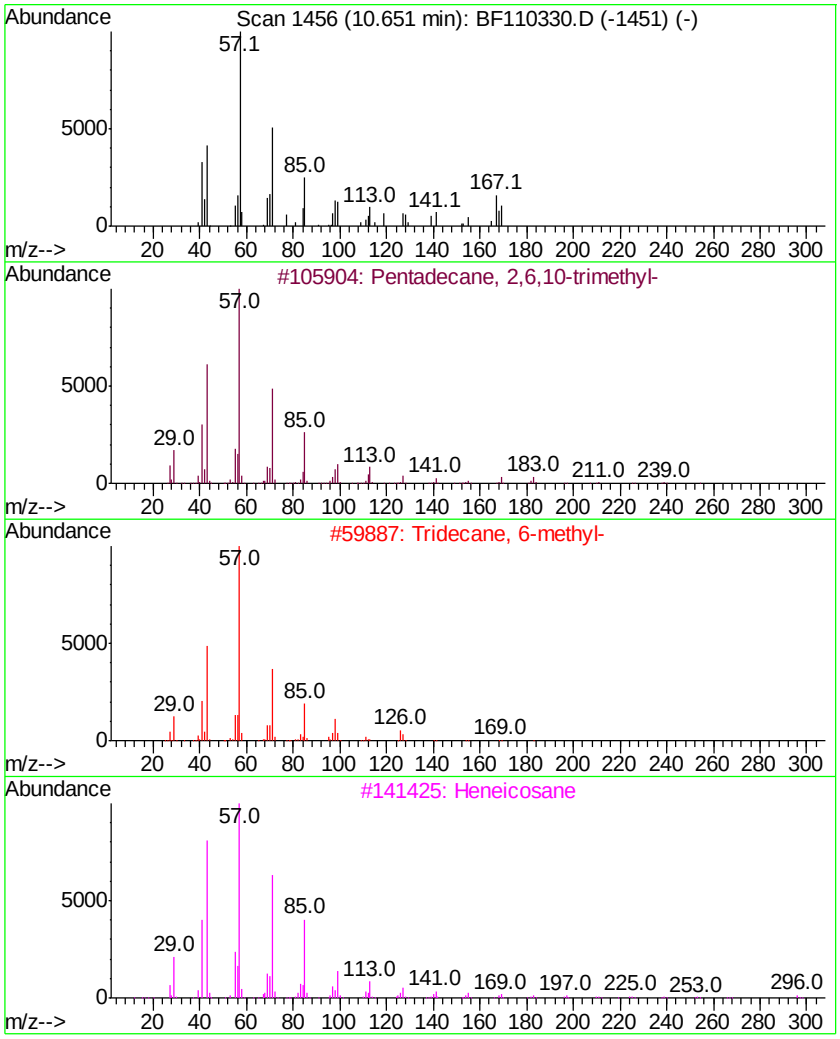
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

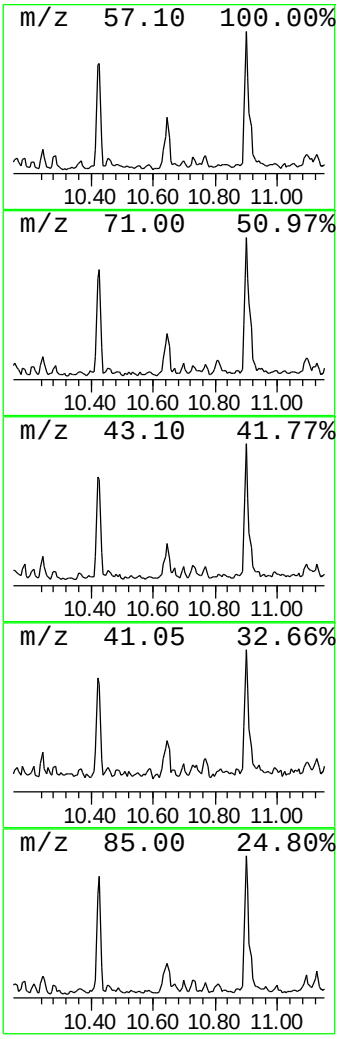
****

Peak Number 6 Pentadecane, 2,6,10-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	2.63 ng	58960	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	59
3	Heneicosane	296	C21H44	000629-94-7	58
4	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	58
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110330.D
Acq On : 31 Oct 2018 14:05
Operator : JU/SJ
Sample : J5199-07 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-103018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

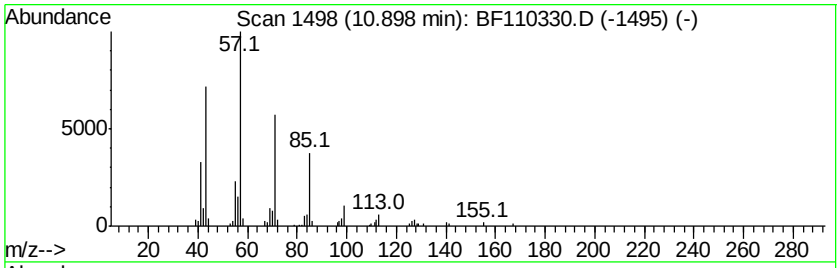
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

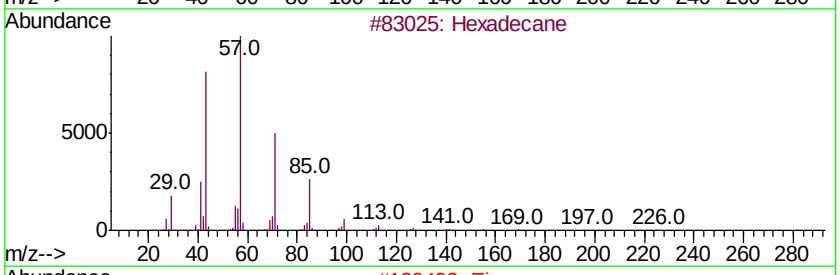
****

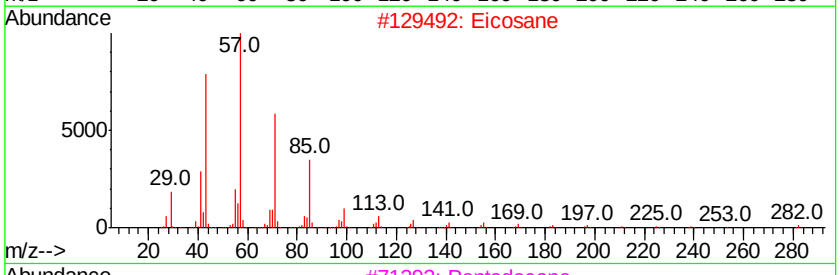
Peak Number 7 Hexadecane Concentration Rank 6

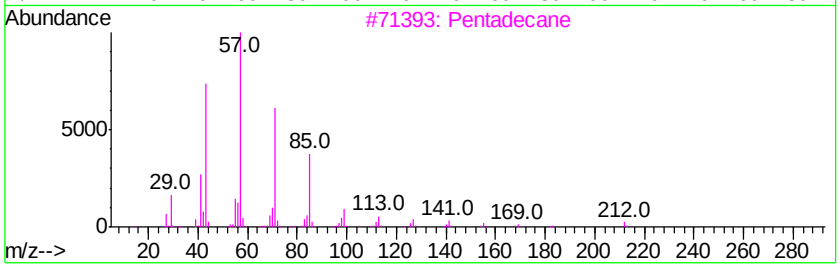
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	6.29 ng	145123	Phenanthrene-d10	11.51

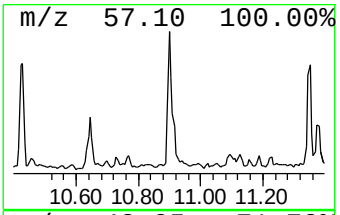
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Eicosane	282	C20H42	000112-95-8	86
3	Pentadecane	212	C15H32	000629-62-9	86
4	Tridecane	184	C13H28	000629-50-5	72
5	Tetradecane	198	C14H30	000629-59-4	72

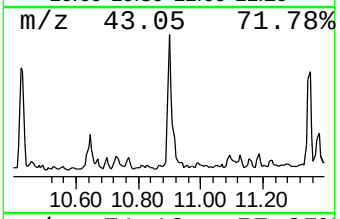


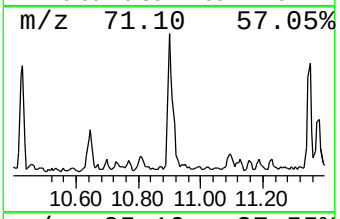


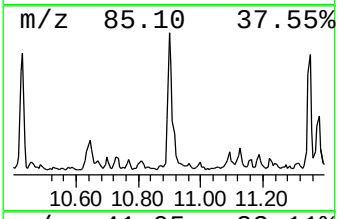


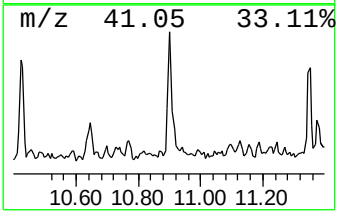












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110330.D
Acq On : 31 Oct 2018 14:05
Operator : JU/SJ
Sample : J5199-07 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-103018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

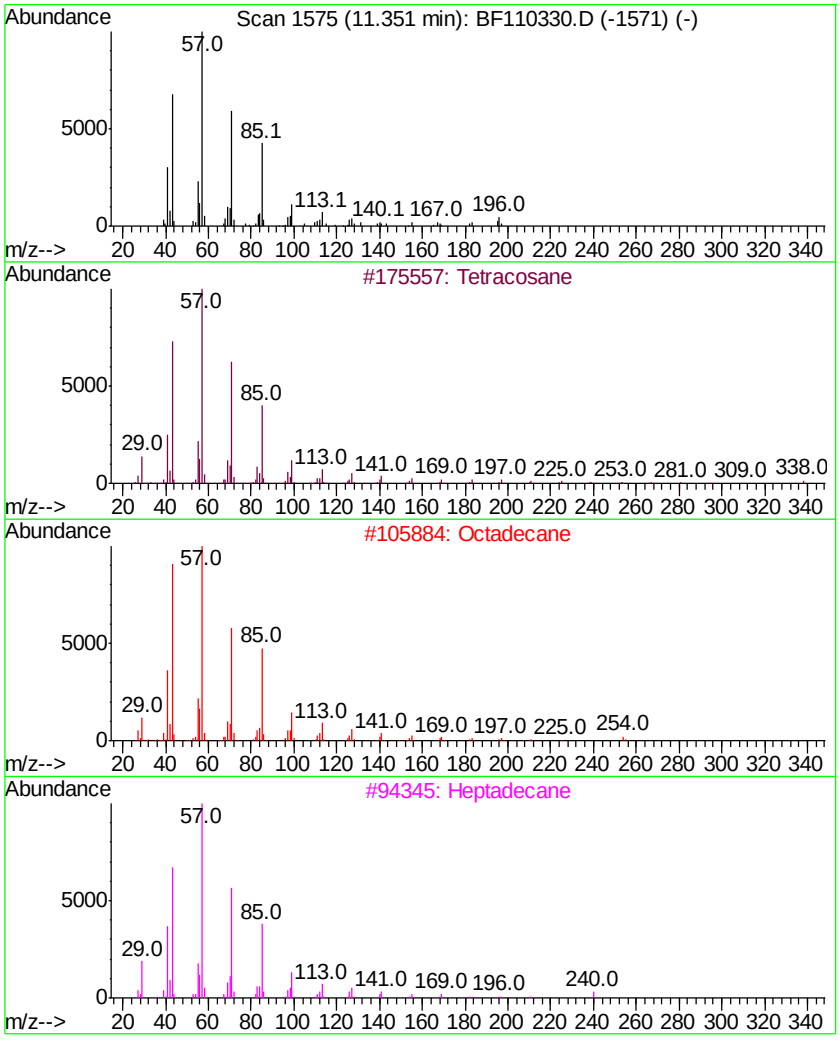
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

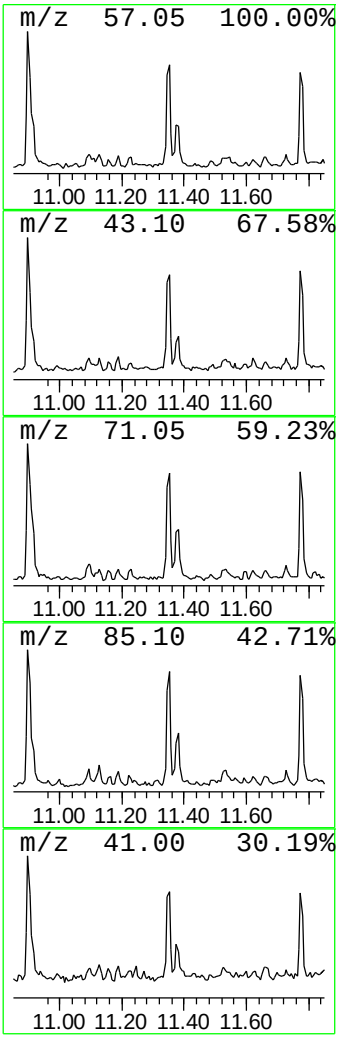
****

Peak Number 8 Tetracosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	4.15 ng	95818	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Octadecane	254	C18H38	000593-45-3	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Hexadecane	226	C16H34	000544-76-3	90
5	Heptacosane	380	C27H56	000593-49-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110330.D
Acq On : 31 Oct 2018 14:05
Operator : JU/SJ
Sample : J5199-07 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-103018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

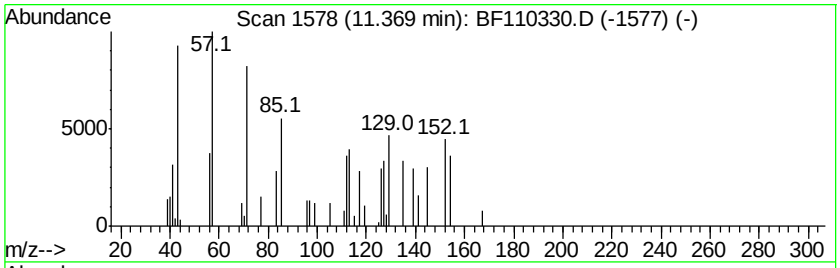
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

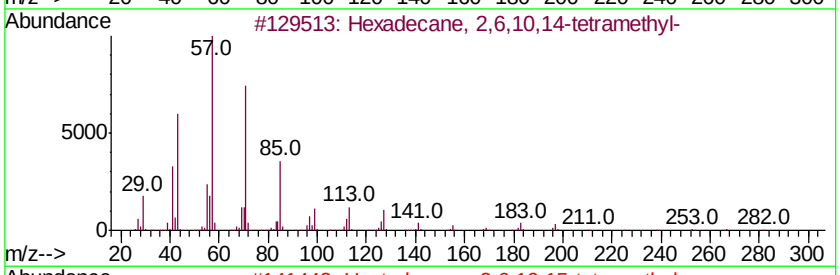
****

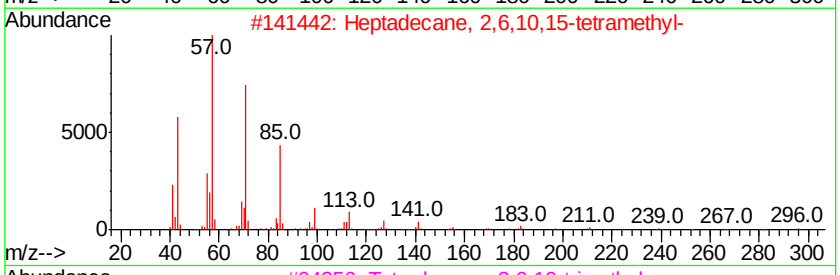
Peak Number 9 Hexadecane, 2,6,10,14-tetra... Concentration Rank 20

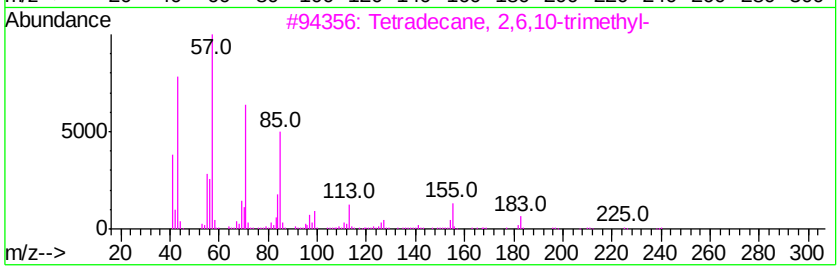
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	2.21 ng	50868	Phenanthrene-d10	11.51

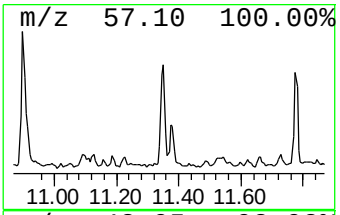
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	72
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72
5	Eicosane	282	C20H42	000112-95-8	64

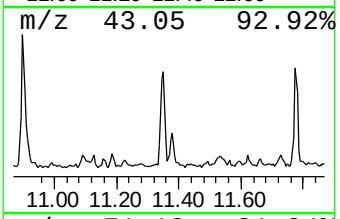


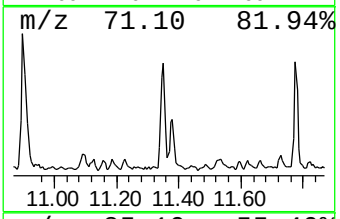


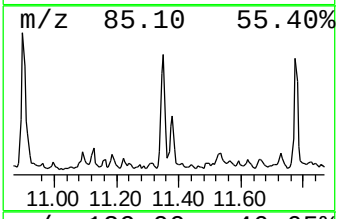


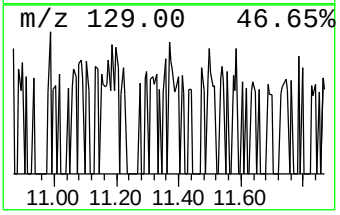












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110330.D
Acq On : 31 Oct 2018 14:05
Operator : JU/SJ
Sample : J5199-07 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-103018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

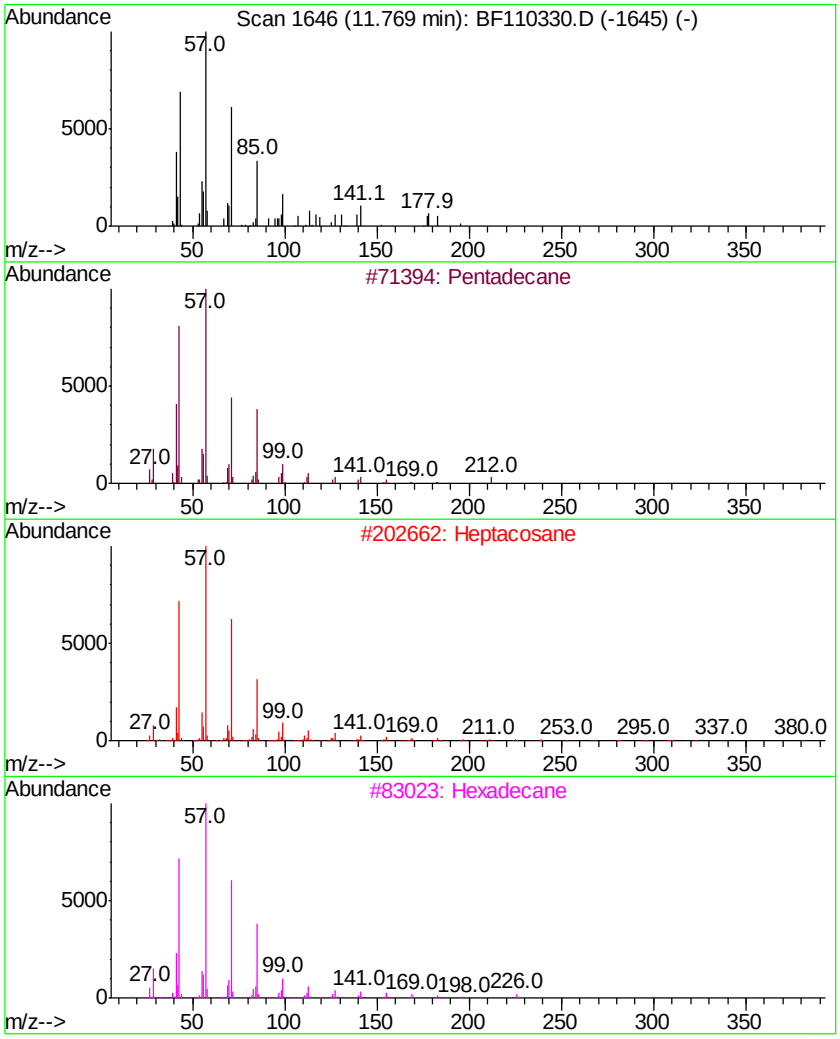
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

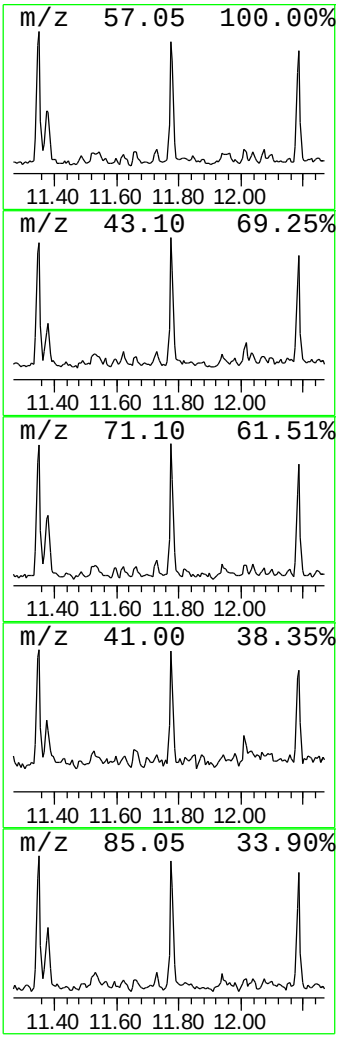
****

Peak Number 10 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	3.60 ng	82978	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Heptadecane	240	C17H36	000629-78-7	91
5	Octadecane	254	C18H38	000593-45-3	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110330.D
Acq On : 31 Oct 2018 14:05
Operator : JU/SJ
Sample : J5199-07 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-103018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

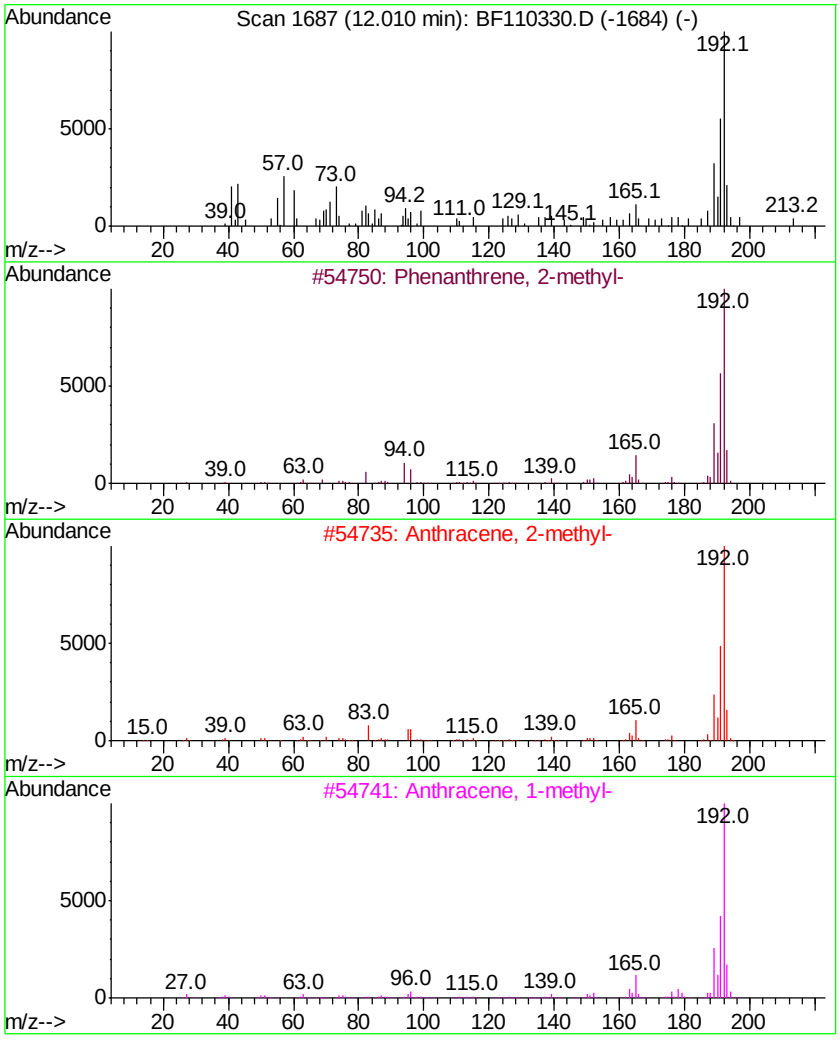
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

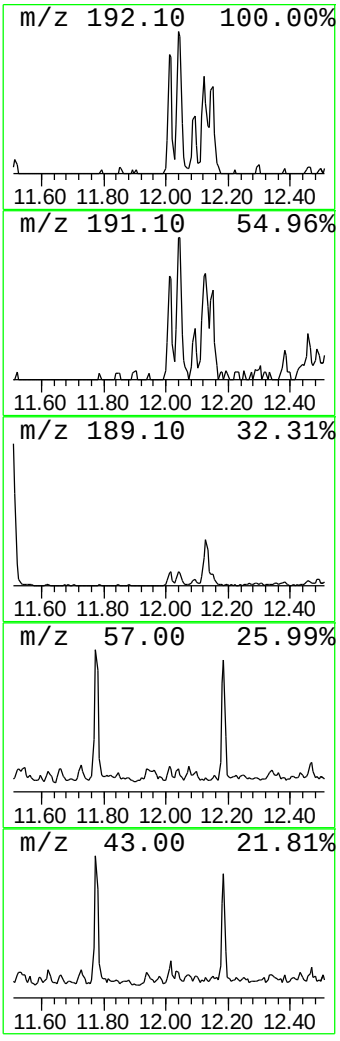
****

Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	2.56 ng	59141	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	70
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	68
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110330.D
Acq On : 31 Oct 2018 14:05
Operator : JU/SJ
Sample : J5199-07 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-103018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

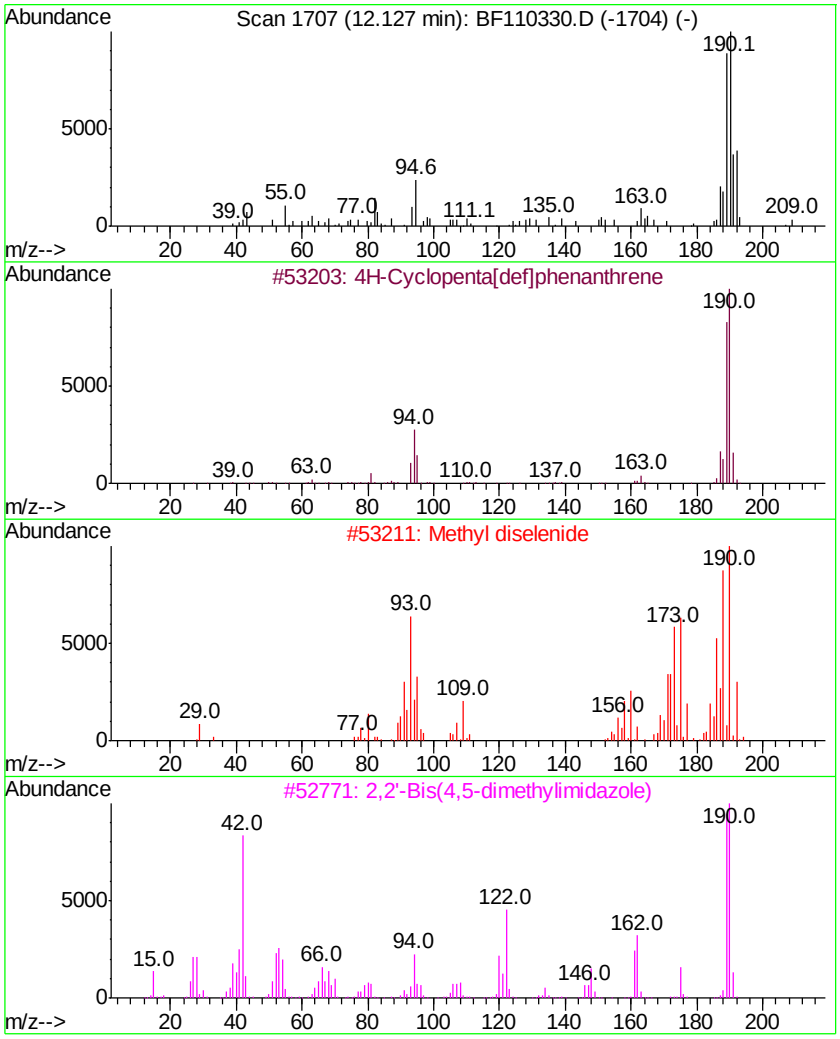
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

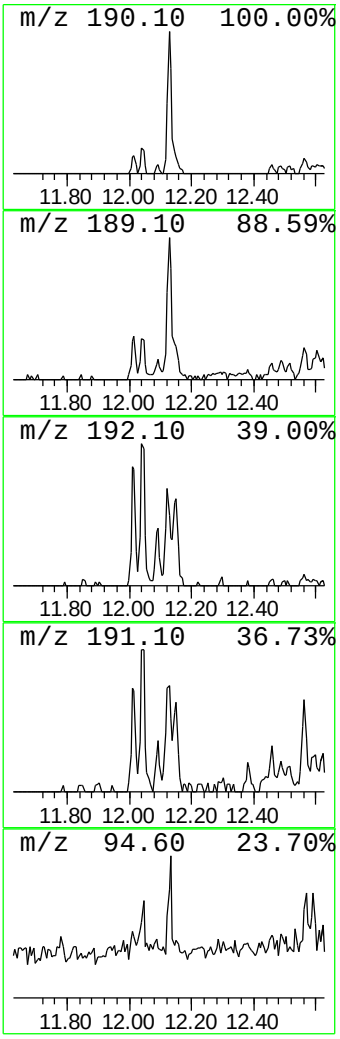
****

Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	2.73 ng	62930	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Methyl diselenide	190	C2H6Se2	007101-31-7	43
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
4	6,7-Methylenedioxy-4(3H)-quinazo...	190	C9H6N2O3	028310-11-4	38
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	32





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110330.D
Acq On : 31 Oct 2018 14:05
Operator : JU/SJ
Sample : J5199-07 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-103018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

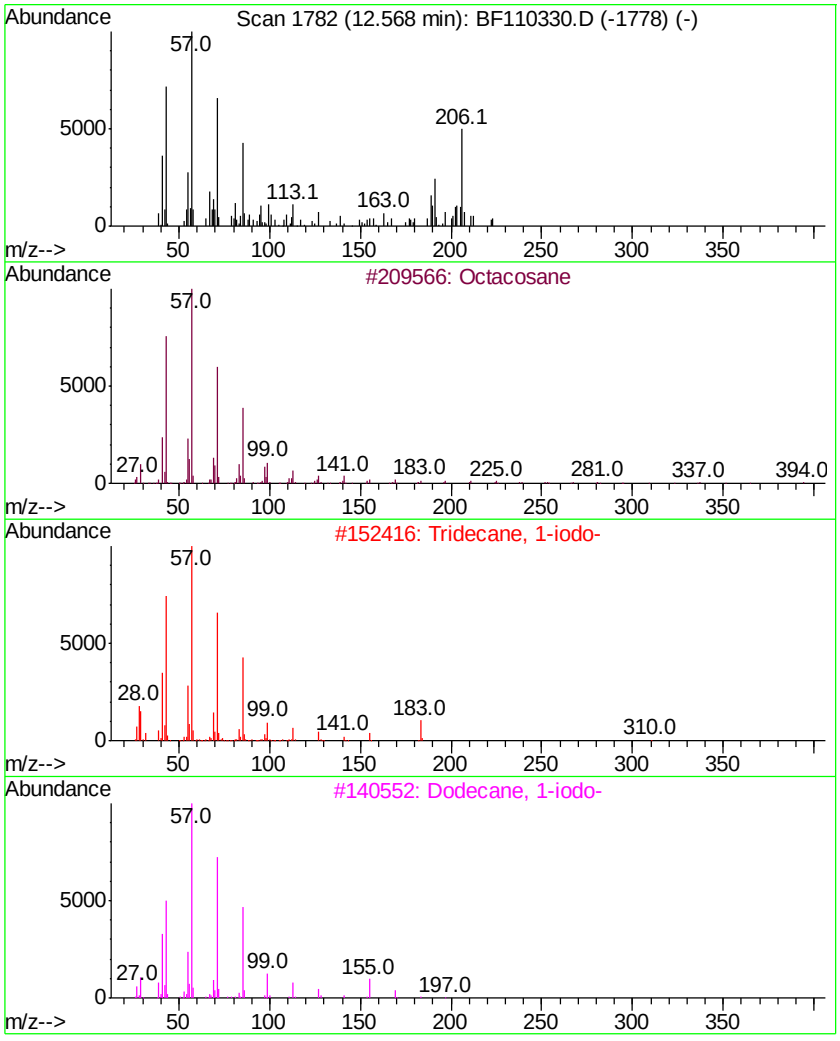
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

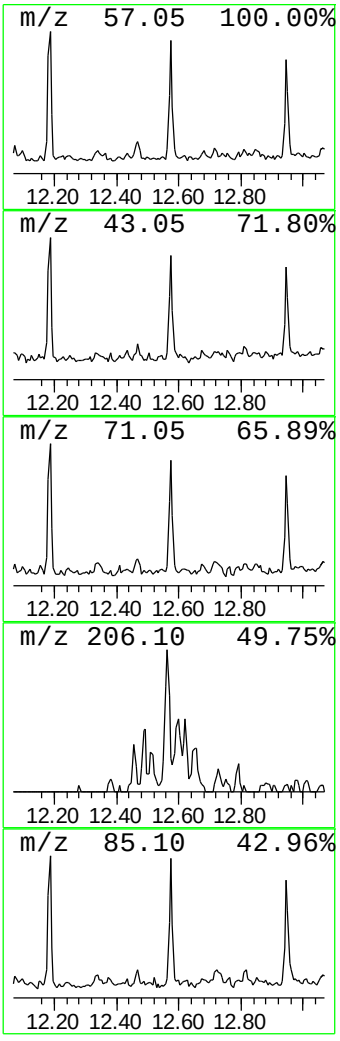
****

Peak Number 15 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	5.37 ng	123792	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	83
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4	Hexadecane	226	C16H34	000544-76-3	80
5	Hexacosane	366	C26H54	000630-01-3	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110330.D
Acq On : 31 Oct 2018 14:05
Operator : JU/SJ
Sample : J5199-07 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-103018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

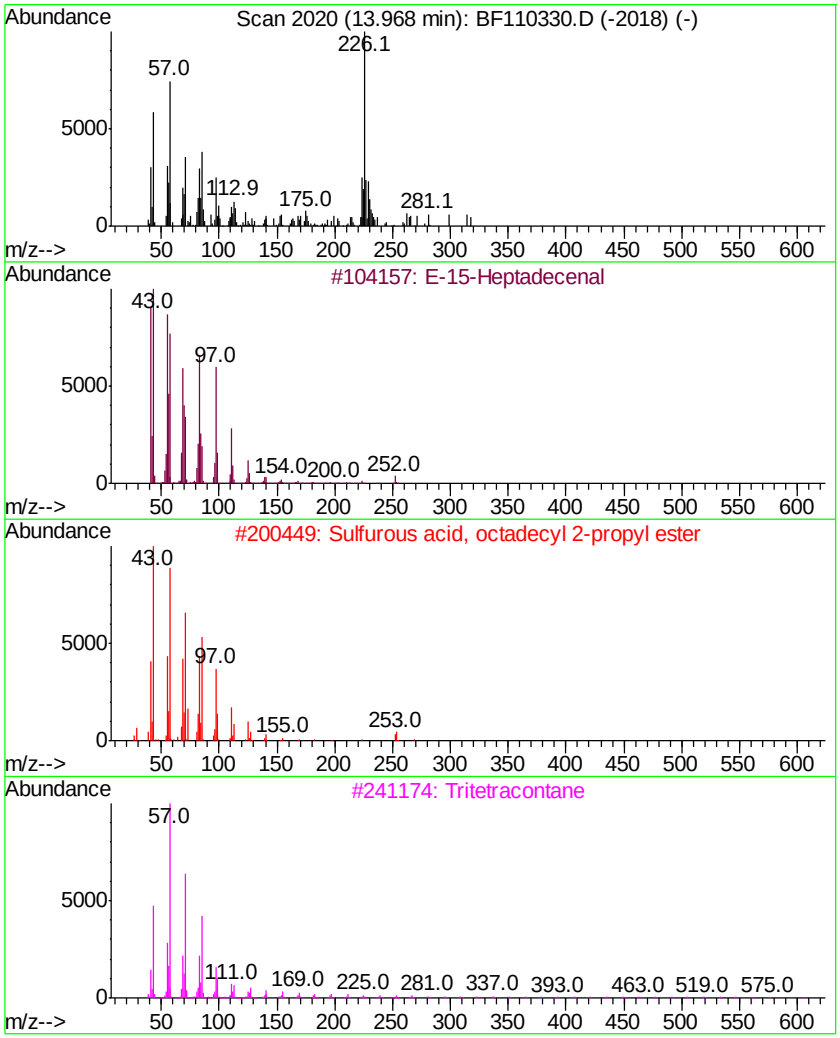
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

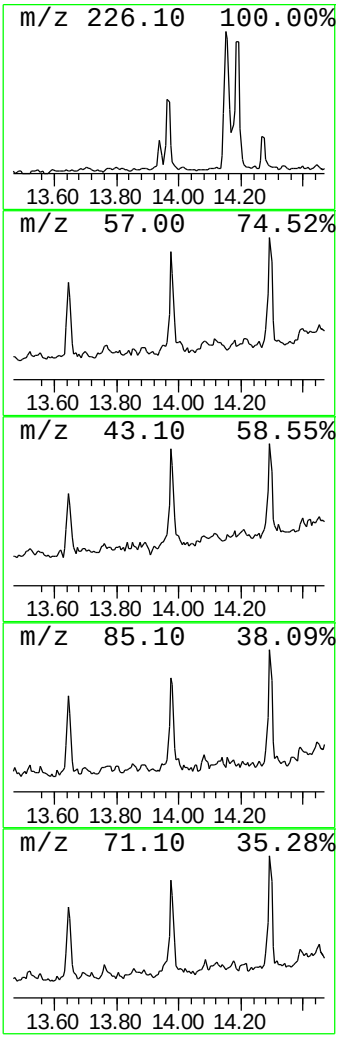
****

Peak Number 16 E-15-Heptadecenal Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	2.97 ng	120922	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	86
2	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	76
3	Tritetracontane	605	C43H88	007098-21-7	62
4	1-Octadecene	252	C18H36	000112-88-9	60
5	E-14-Hexadecenal	238	C16H30O	330207-53-9	56





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110330.D
Acq On : 31 Oct 2018 14:05
Operator : JU/SJ
Sample : J5199-07 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-103018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

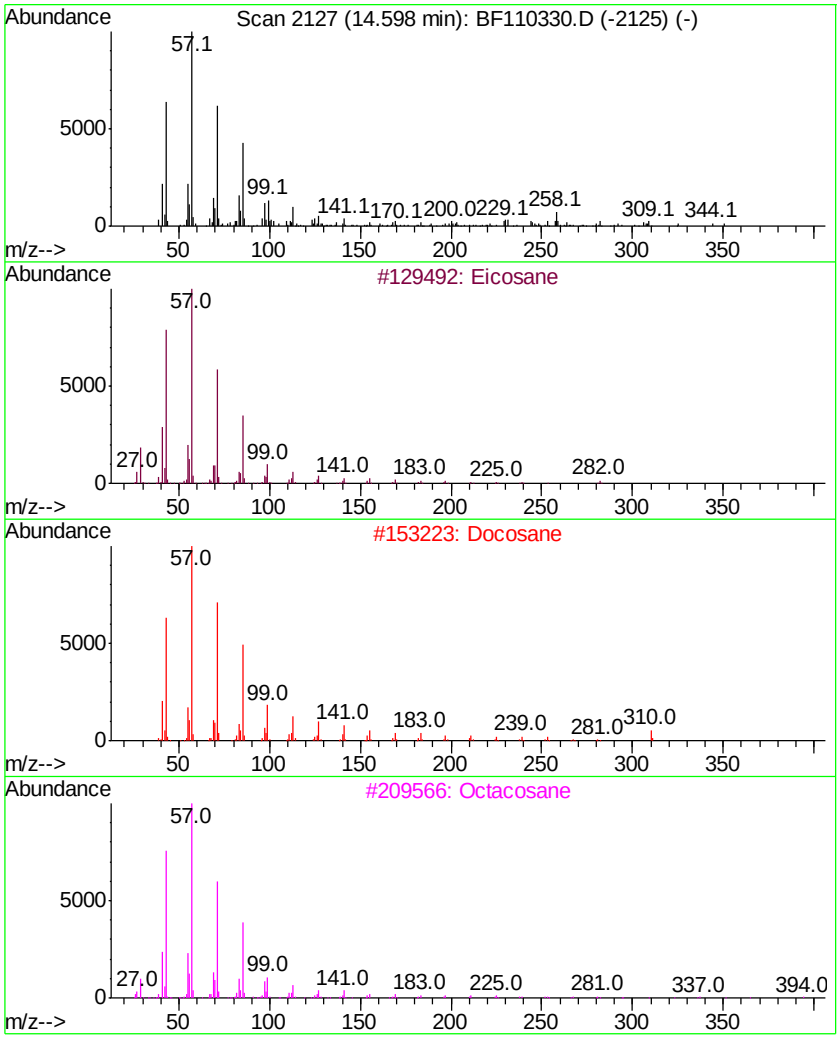
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

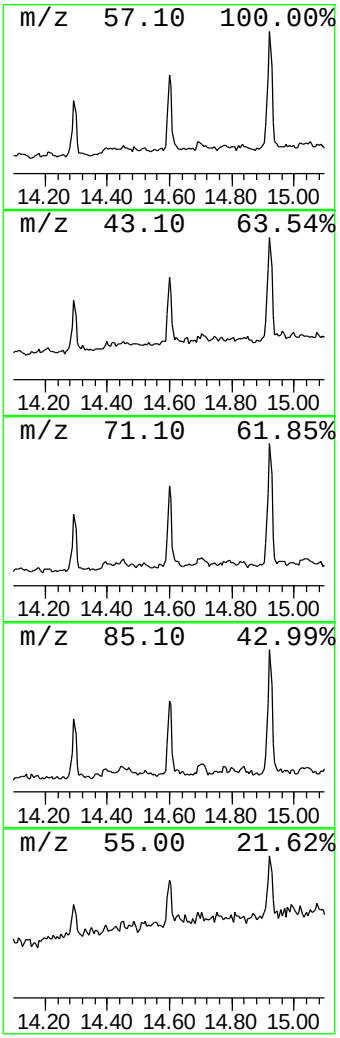
****

Peak Number 17 Eicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	2.29 ng	93345	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Docosane	310	C22H46	000629-97-0	91
3	Octacosane	394	C28H58	000630-02-4	90
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	87
5	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110330.D
Acq On : 31 Oct 2018 14:05
Operator : JU/SJ
Sample : J5199-07 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-103018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

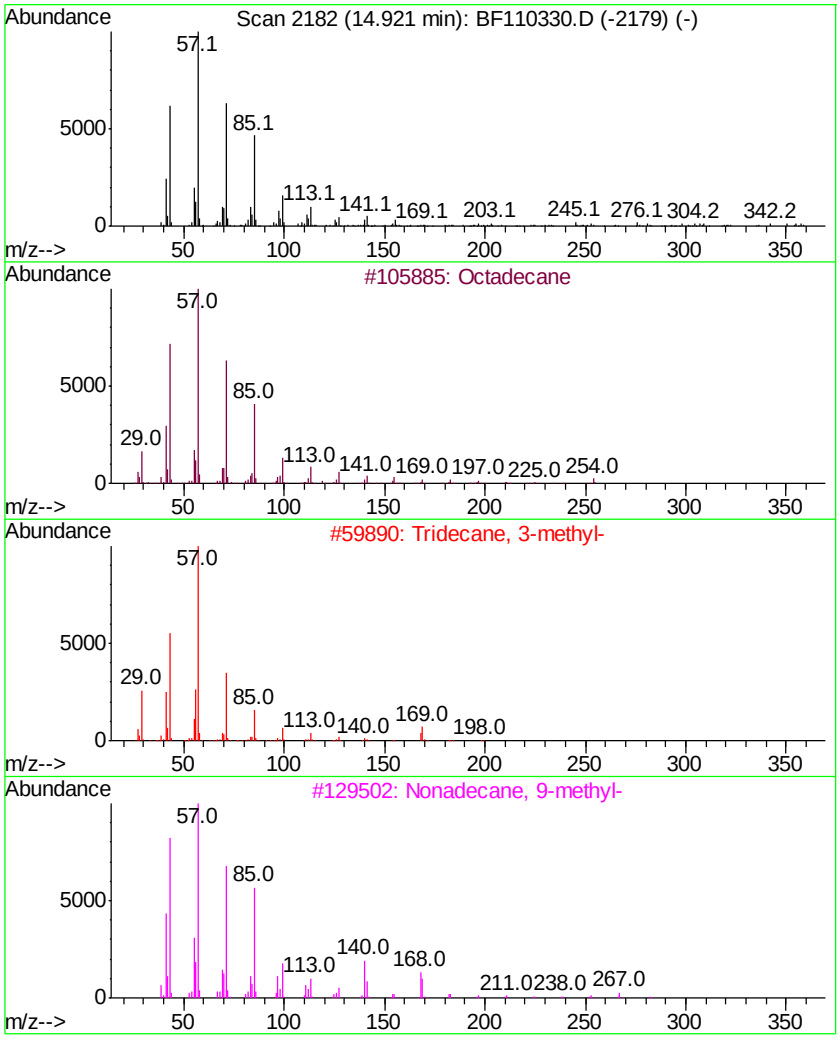
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

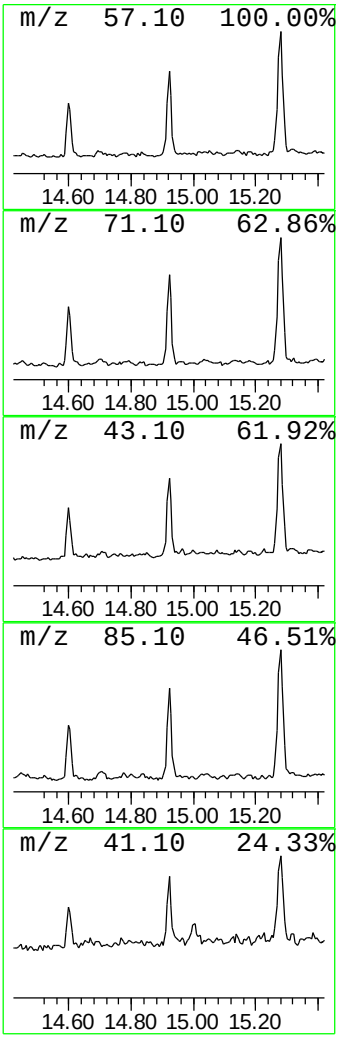
****

Peak Number 18 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	3.87 ng	157696	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Tridecane, 3-methyl-	198	C14H30	006418-41-3	93
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
4	Tetracosane	338	C24H50	000646-31-1	87
5	Heptadecane	240	C17H36	000629-78-7	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110330.D
Acq On : 31 Oct 2018 14:05
Operator : JU/SJ
Sample : J5199-07 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-103018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

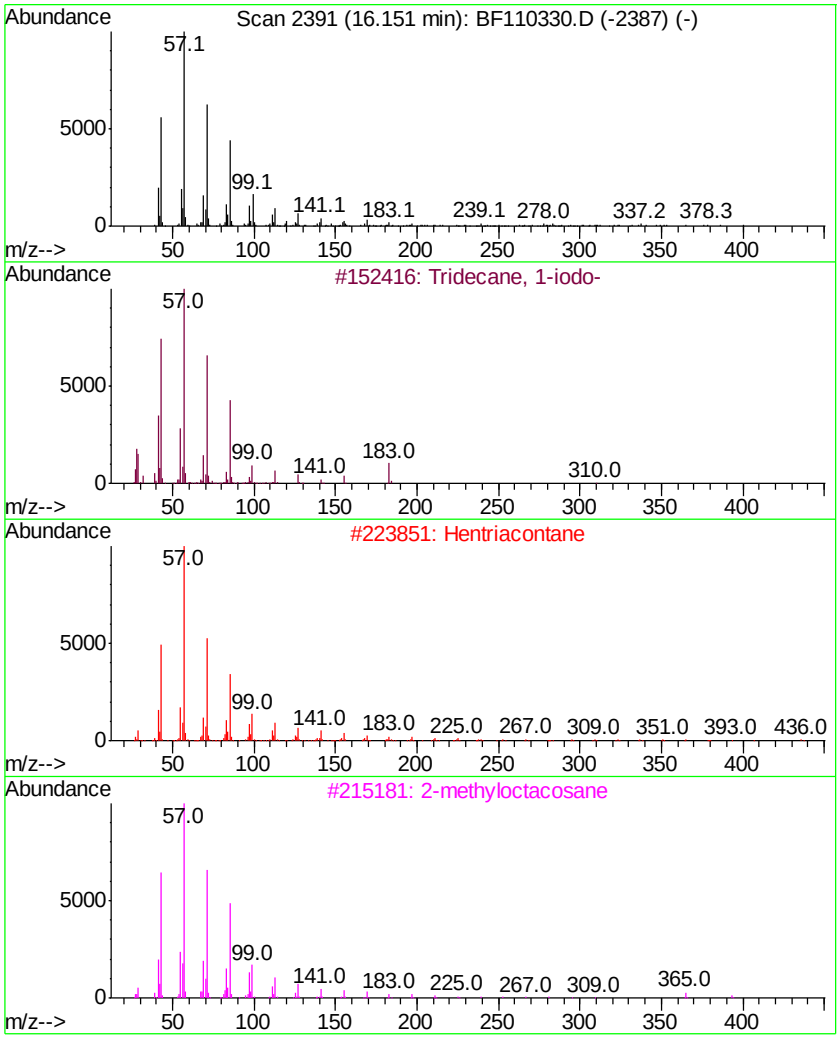
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

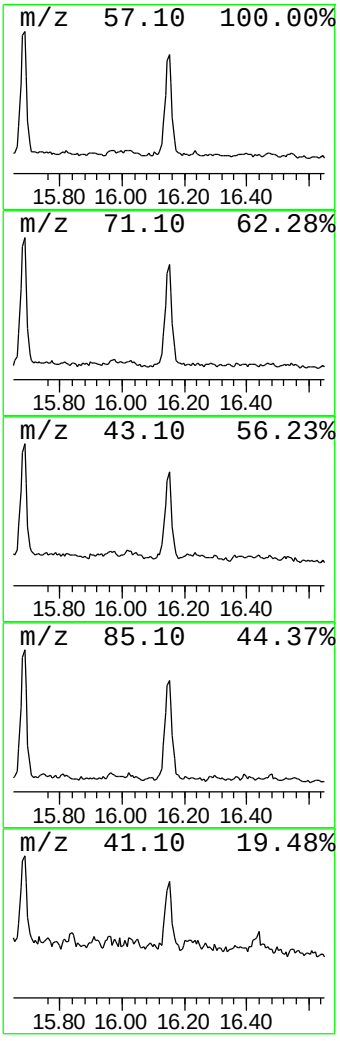
****

Peak Number 19 Tridecane, 1-iodo- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	19.54 ng	314151	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
2	Hentriacontane	437	C31H64	000630-04-6	87
3	2-methyloctacosane	408	C29H60	1000376-72-8	87
4	Docosane	310	C22H46	000629-97-0	87
5	Octacosane	394	C28H58	000630-02-4	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110330.D
Acq On : 31 Oct 2018 14:05
Operator : JU/SJ
Sample : J5199-07 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-103018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

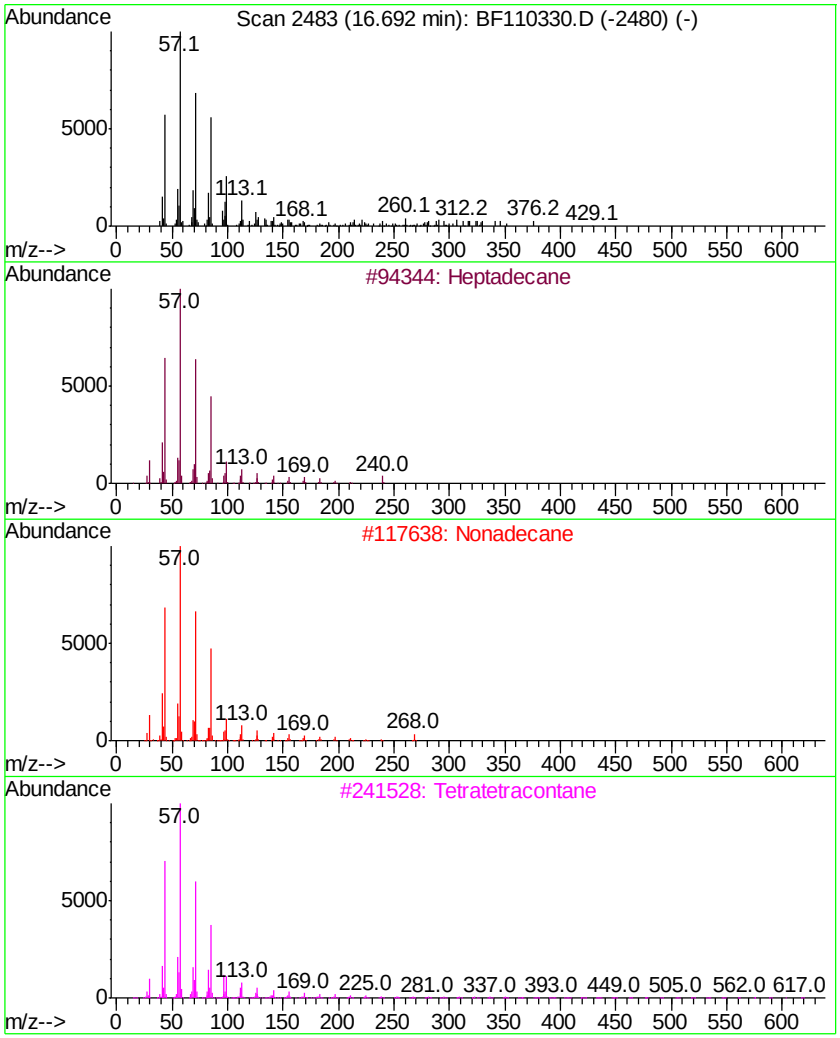
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

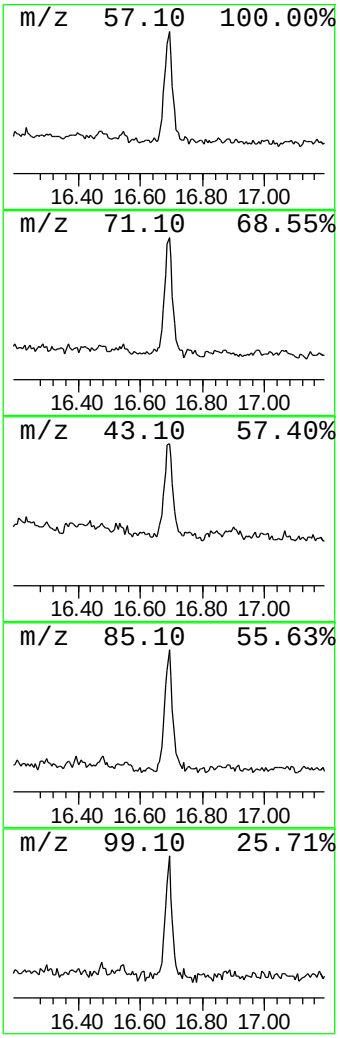
****

Peak Number 20 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	11.20 ng	180107	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	72
2	Nonadecane	268	C19H40	000629-92-5	72
3	Tetratetracontane	619	C44H90	007098-22-8	62
4	Hentriacontane	437	C31H64	000630-04-6	58
5	Decane, 1-iodo-	268	C10H21I	002050-77-3	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF103118\
Data File : BF110330.D
Acq On : 31 Oct 2018 14:05
Operator : JU/SJ
Sample : J5199-07 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-103018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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
Butane, 2-methoxy...	2.25	8.1	ng	166464	1	6.97	409222	20.0
unknown6.74	6.74	31.5	ng	643684	1	6.97	409222	20.0
Dodecane	10.42	4.6	ng	102612	3	10.02	448346	20.0
Pentadecane, 2,6,...	10.65	2.6	ng	58960	3	10.02	448346	20.0
Hexadecane	10.90	6.3	ng	145123	4	11.51	461251	20.0
Tetracosane	11.35	4.2	ng	95818	4	11.51	461251	20.0
Hexadecane, 2,6,1...	11.37	2.2	ng	50868	4	11.51	461251	20.0
Pentadecane	11.77	3.6	ng	82978	4	11.51	461251	20.0
Phenanthrene, 2-m...	12.01	2.6	ng	59141	4	11.51	461251	20.0
4H-Cyclopenta[def...	12.13	2.7	ng	62930	4	11.51	461251	20.0
Octacosane	12.57	5.4	ng	123792	4	11.51	461251	20.0
E-15-Heptadecenal	13.97	3.0	ng	120922	5	14.16	814927	20.0
Eicosane	14.60	2.3	ng	93345	5	14.16	814927	20.0
Octadecane	14.92	3.9	ng	157696	5	14.16	814927	20.0
Tridecane, 1-iodo-	16.15	19.5	ng	314151	6	15.71	321500	20.0
Heptadecane	16.69	11.2	ng	180107	6	15.71	321500	20.0