LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
Data File : BF121880.D
Acq On : 7 Oct 2020 18:31
Operator : JU/CG
Sample : L4224-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-100620

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-BF091020.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	5.387	558	561	581	rBV	148213	227764	22.29%	2.143%
2	6.410	732	735	747	rBV	154543	241704	23.65%	2.275%
3	6.763	791	795	809	rBV	883002	784803	76.79%	7.385%
4	7.298	882	886	888	rBV4	11396	12784	1.25%	0.120%
5	7.328	888	891	895	rBV	131151	144663	14.15%	1.361%
6	7.410	900	905	908	rVB5	10018	18514	1.81%	0.174%
7	7.569	929	932	935	rVB2	19178	17882	1.75%	0.168%
8	8.045	1008	1013	1019	rBV	962533	990143	96.88%	9.318%
9	8.134	1026	1028	1036	rVB6	13500	22030	2.16%	0.207%
10	8.339	1057	1063	1069	rBV10	12315	21231	2.08%	0.200%
11	8.428	1075	1078	1081	rVB4	12555	13681	1.34%	0.129%
12	8.469	1081	1085	1087	rBV	15374	16128	1.58%	0.152%
13	8.551	1096	1099	1102	rBV2	21208	18001	1.76%	0.169%
14	8.639	1111	1114	1118	rBV2	28528	27801	2.72%	0.262%
15	8.869	1147	1153	1155	rBV4	22180	28286	2.77%	0.266%
16	9.069	1184	1187	1189	rBV3	15735	16172	1.58%	0.152%
17	9.122	1192	1196	1201	rBV	330673	316872	31.01%	2.982%
18	9.204	1206	1210	1212	rBV	36520	32575	3.19%	0.307%
19	9.239	1212	1216	1220	rBV	95474	99361	9.72%	0.935%
20	9.392	1238	1242	1246	rBV5	11797	17177	1.68%	0.162%
21	9.457	1251	1253	1256	rBV3	17415	18201	1.78%	0.171%
22	9.522	1260	1264	1267	rBV	47383	47690	4.67%	0.449%
23	9.663	1285	1288	1292	rBV	22624	22048	2.16%	0.207%
24	9.733	1297	1300	1304	rVB	33188	29192	2.86%	0.275%
25	9.798	1307	1311	1316	rBV	1034851	992565	97.12%	9.340%
26	10.004	1344	1346	1351	rVB2	14905	17163	1.68%	0.162%
27	10.045	1351	1353	1357	rVB4	11449	14456	1.41%	0.136%
28	10.116	1362	1365	1369	rBV4	10910	13653	1.34%	0.128%
29	10.228	1382	1384	1387	rVB	42181	32248	3.16%	0.303%
30	10.351	1401	1405	1409	rBV	29261	34809	3.41%	0.328%
31	10.392	1409	1412	1417	rVV3	23494	45108	4.41%	0.424%
32	10.451	1418	1422	1428	rVB2	19898	28708	2.81%	0.270%
33	10.592	1443	1446	1452	rBV2	102263	113498	11.11%	1.068%
34	10.704	1462	1465	1469	rVB	46716	59772	5.85%	0.562%

LSC Area Percent Report

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Data File : BF121880.D
Acq On : 7 Oct 2020 18:31
Operator : JU/CG
Sample : L4224-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-100620

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-BF091020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.151	1538	1541	1543	rBV	42409	38529	3.77%	0.363%
36	11.180	1543	1546	1551	rVB2	42206	49196	4.81%	0.463%
37	11.286	1560	1564	1566	rBV	974465	872140	85.34%	8.207%
38	11.310	1566	1568	1572	rVV	221190	204084	19.97%	1.920%
39	11.363	1575	1577	1580	rVB	50836	40969	4.01%	0.386%
40	11.527	1601	1605	1611	rBV2	20859	30113	2.95%	0.283%
41	11.575	1611	1613	1616	rVV	61252	47736	4.67%	0.449%
42	11.622	1618	1621	1626	rVB3	18480	24873	2.43%	0.234%
43	11.704	1632	1635	1639	rBV2	11132	13299	1.30%	0.125%
44	11.786	1646	1649	1652	rBV2	28863	38137	3.73%	0.359%
45	11.816	1652	1654	1658	rVV	33792	35812	3.50%	0.337%
46	11.869	1660	1663	1665	rVV3	15300	18775	1.84%	0.177%
47	11.898	1665	1668	1671	rVV	60138	67749	6.63%	0.638%
48	11.922	1671	1672	1675	rVB2	26841	19301	1.89%	0.182%
49	11.980	1680	1682	1686	rBV	76573	68405	6.69%	0.644%
50	12.022	1686	1689	1692	rVB	19650	18632	1.82%	0.175%
51	12.080	1697	1699	1703	rBV3	24936	36722	3.59%	0.346%
52	12.116	1703	1705	1707	rVB	24533	17682	1.73%	0.166%
53	12.210	1719	1721	1723	rBV2	24045	22782	2.23%	0.214%
54	12.263	1727	1730	1732	rBV2	37342	34267	3.35%	0.322%
55	12.339	1739	1743	1745	rBV	53592	63271	6.19%	0.595%
56	12.369	1745	1748	1752	rVV	141956	159588	15.62%	1.502%
57	12.457	1761	1763	1767	rVB3	23125	21522	2.11%	0.203%
58	12.498	1767	1770	1773	rBV	254123	223168	21.84%	2.100%
59	12.598	1785	1787	1791	rVB3	27664	21756	2.13%	0.205%
60	12.657	1793	1797	1799	rBV3	49656	62993	6.16%	0.593%
61	12.727	1804	1809	1811	rBV	241955	315961	30.92%	2.973%
62	12.869	1830	1833	1836	rBV	335830	285668	27.95%	2.688%
63	13.098	1869	1872	1875	rBV	180432	169895	16.62%	1.599%
64	13.439	1927	1930	1933	rBV	212053	182674	17.87%	1.719%
65	13.768	1983	1986	1991	rVB	186051	162415	15.89%	1.528%
66	13.927	2009	2013	2016	rBV	925612	911598	89.20%	8.578%
67	14.086	2037	2040	2044	rVB	219584	191315	18.72%	1.800%
68	14.392	2089	2092	2095	rBV	220957	204836	20.04%	1.928%
69	14.692	2140	2143	2146	rBV	201020	188048	18.40%	1.770%
70	15.015	2196	2198	2204	rVB	200595	204078	19.97%	1.920%
71	15.374	2255	2259	2273	rVB2	659446	1021998	100.00%	9.617%

LSC Area Percent Report

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Acq On : 7 Oct 2020 18:31
Operator : JU/CG
Sample : L4224-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-100620

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-BF091020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 10626670

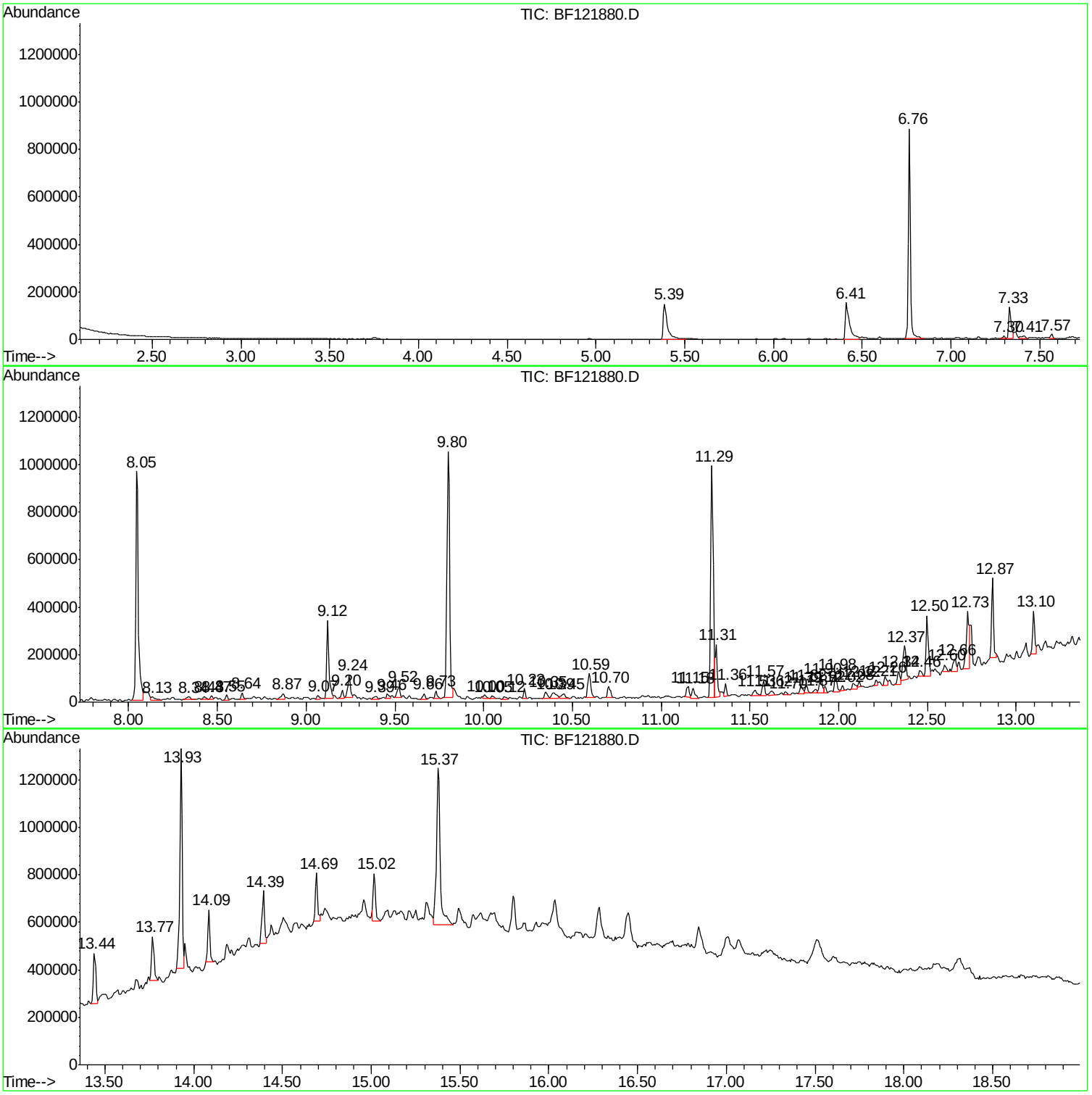
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
Data File : BF121880.D
Acq On : 7 Oct 2020 18:31
Operator : JU/CG
Sample : L4224-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-100620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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\BF100720\
Data File : BF121880.D
Acq On : 7 Oct 2020 18:31
Operator : JU/CG
Sample : L4224-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-100620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

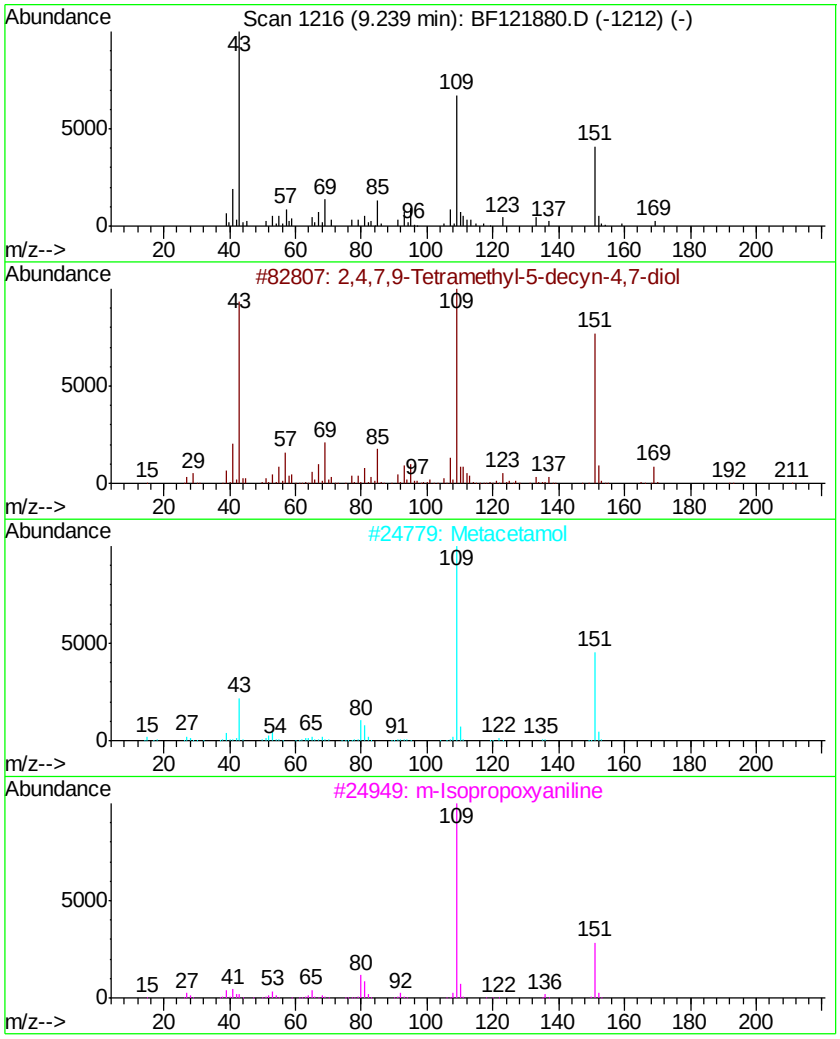
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

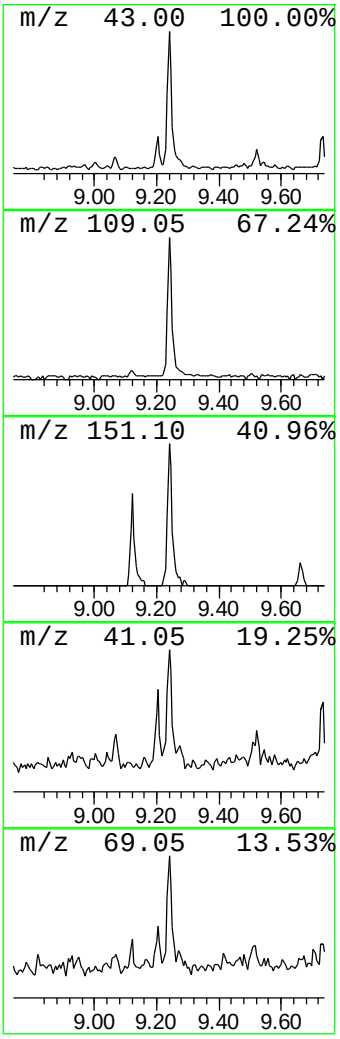
****

Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	2.00 ng	99361	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	Metacetamol	151	C8H9NO2	000621-42-1	58
3	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	53
4	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	53
5	(+)-Camphor-10-sulfonyl chloride	250	C10H15ClO3S	021286-54-4	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
Data File : BF121880.D
Acq On : 7 Oct 2020 18:31
Operator : JU/CG
Sample : L4224-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-100620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

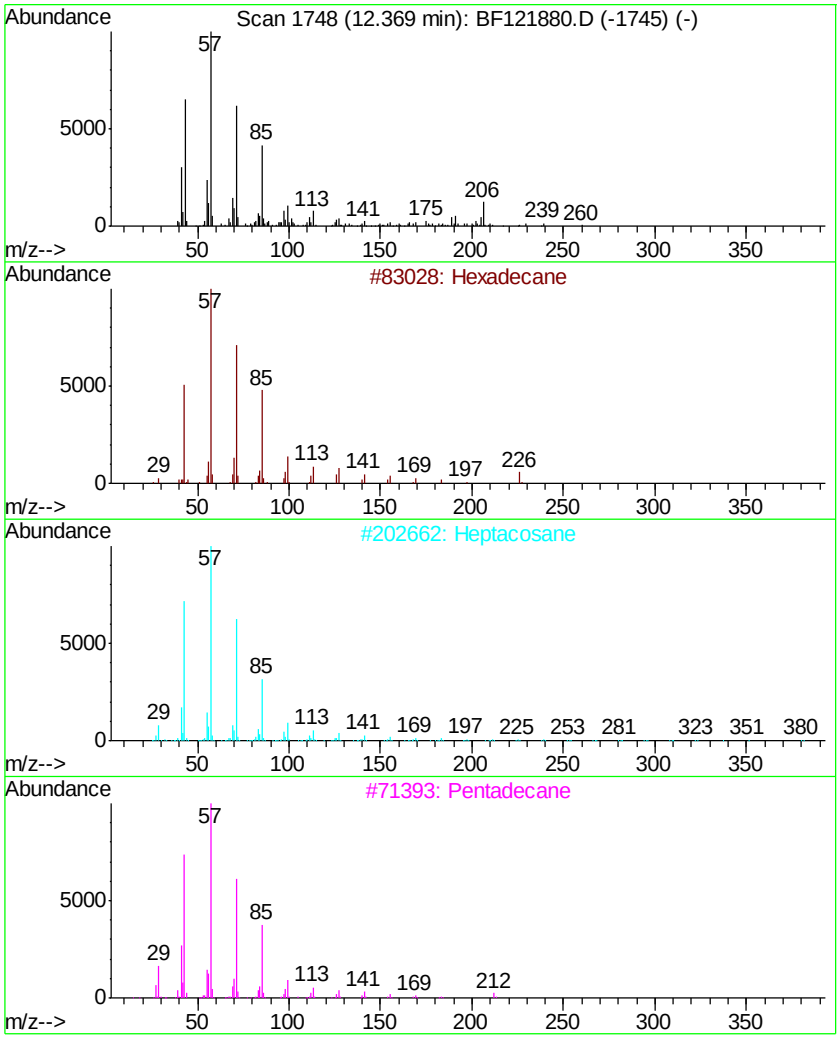
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

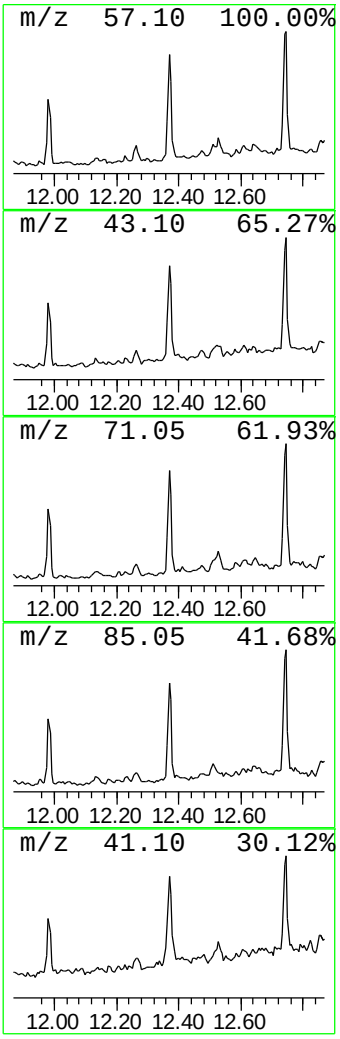
****

Peak Number 2 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	3.66 ng	159588	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Heptacosane	380	C27H56	000593-49-7	74
3	Pentadecane	212	C15H32	000629-62-9	74
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	74
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
Data File : BF121880.D
Acq On : 7 Oct 2020 18:31
Operator : JU/CG
Sample : L4224-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-100620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

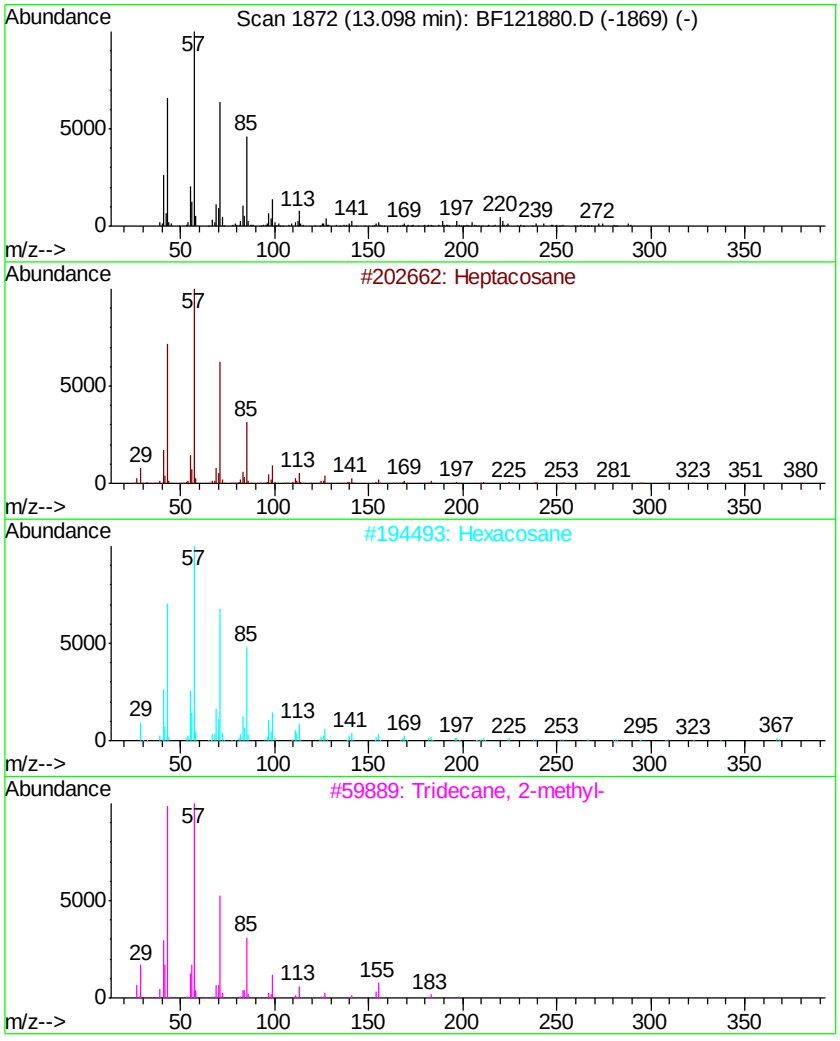
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

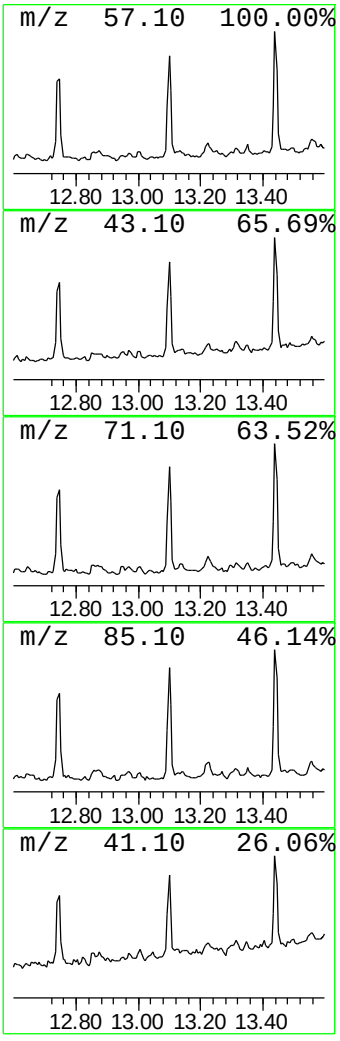
****

Peak Number 3 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	3.73 ng	169895	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	87
2	Hexacosane	366	C26H54	000630-01-3	83
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	83
4	Nonadecane	268	C19H40	000629-92-5	83
5	Hexadecane	226	C16H34	000544-76-3	83





Library Search Compound Report

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Sample : L4224-01 5X
Misc :
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Instrument : BNA_F
ClientSampleId : OR-02-100620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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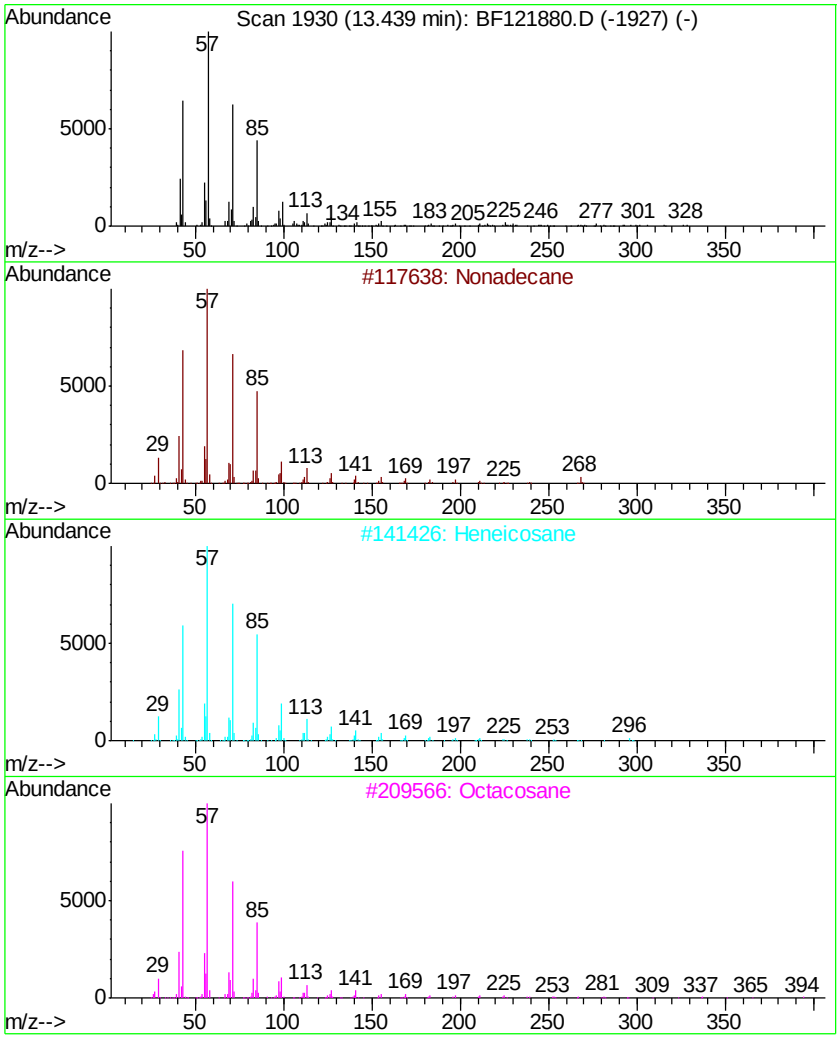
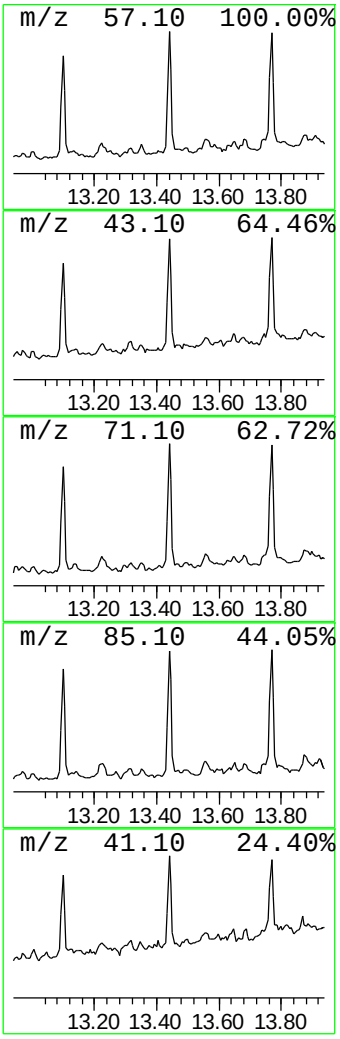
****

Peak Number 4 Nonadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	4.01 ng	182674	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	97
2	Heneicosane	296	C21H44	000629-94-7	96
3	Octacosane	394	C28H58	000630-02-4	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Docosane	310	C22H46	000629-97-0	90





Library Search Compound Report

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Sample : L4224-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-100620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

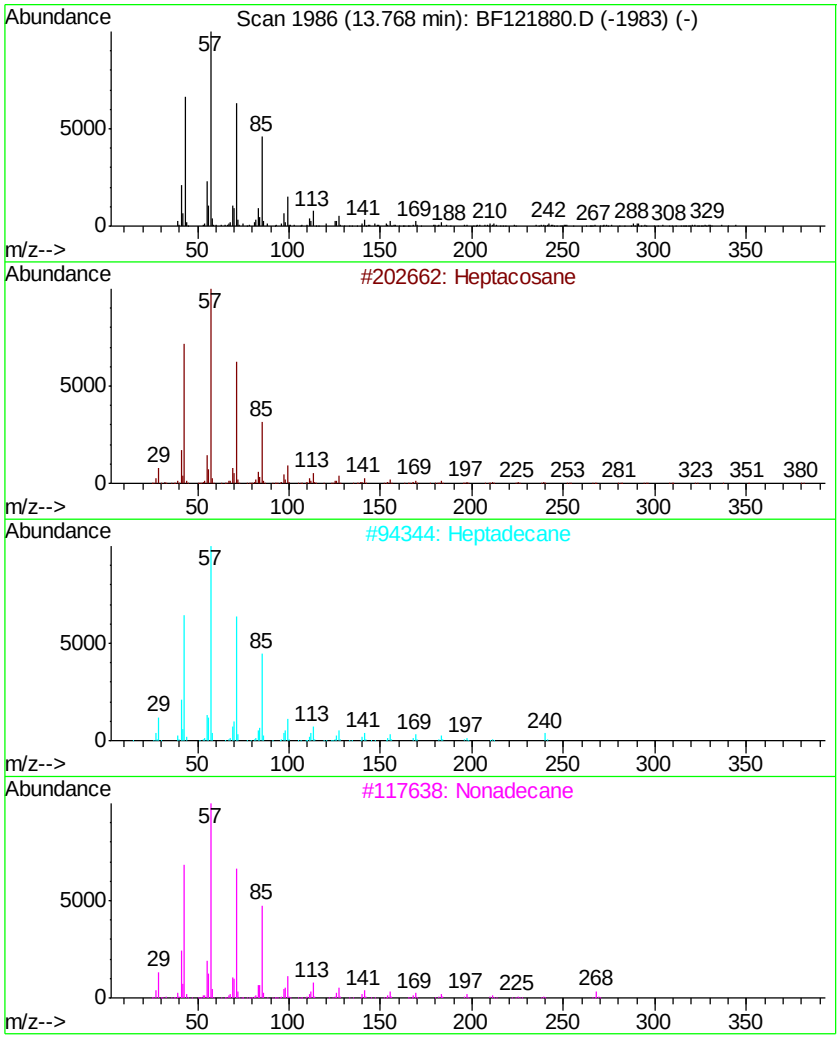
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

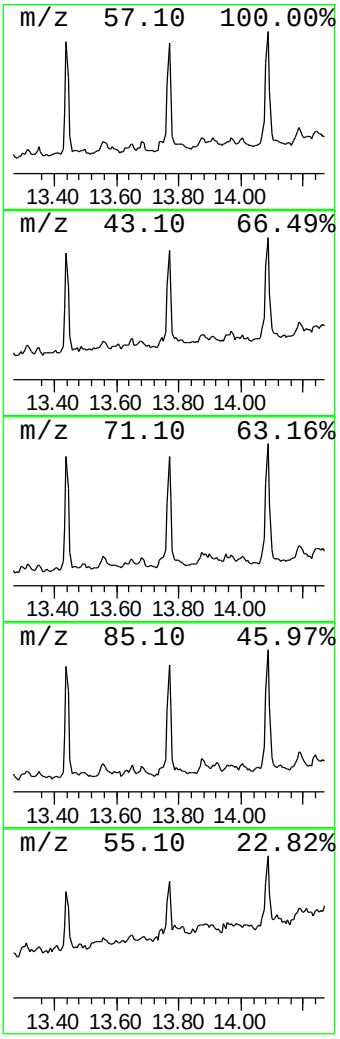
****

Peak Number 5 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	3.56 ng	162415	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Heptadecane	240	C17H36	000629-78-7	87
3	Nonadecane	268	C19H40	000629-92-5	86
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
5	Heneicosane	296	C21H44	000629-94-7	74





Library Search Compound Report

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Data File : BF121880.D
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-100620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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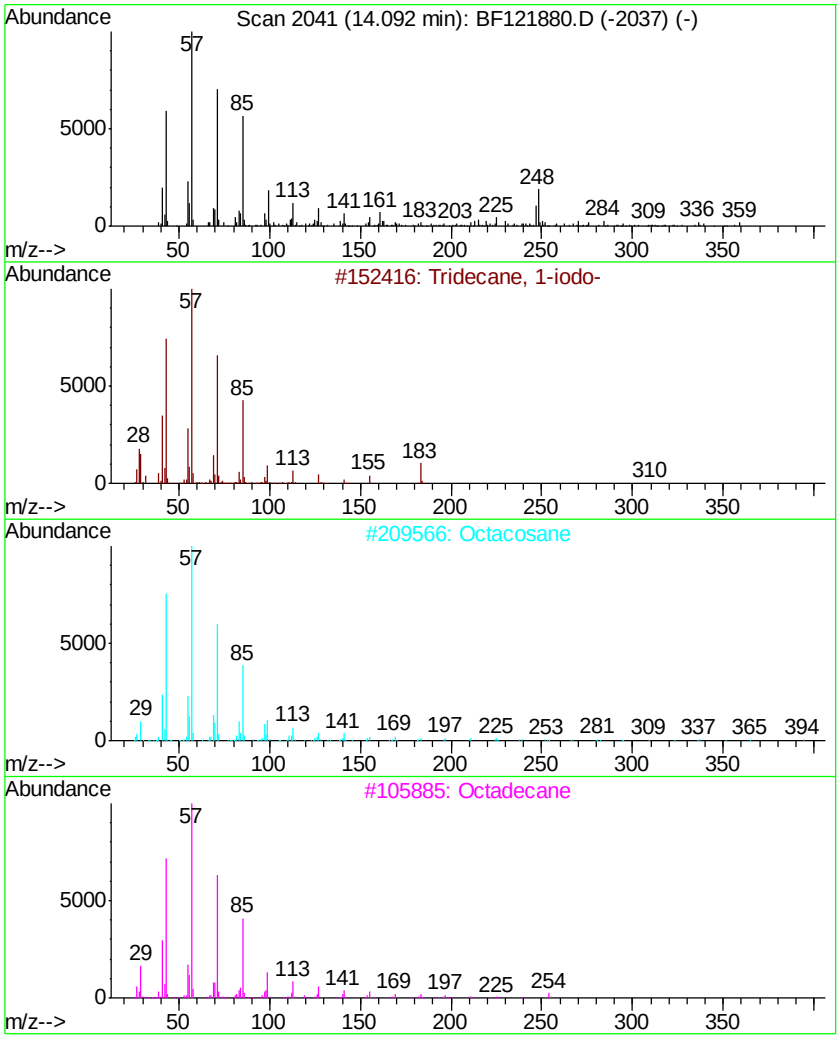
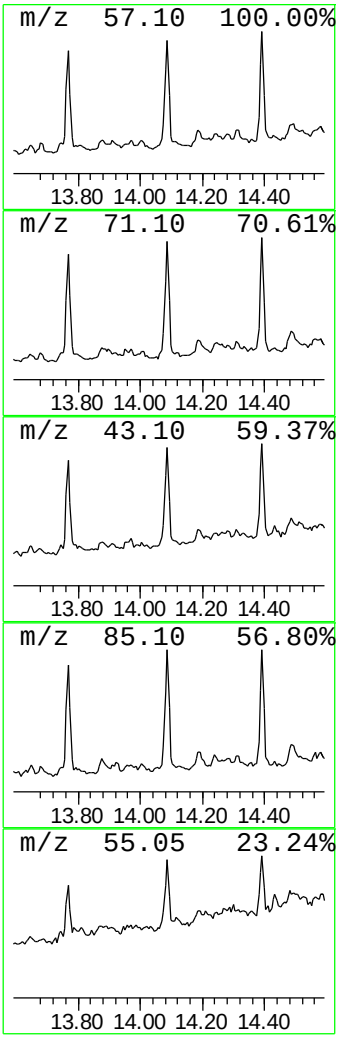
Peak Number 6 Tridecane, 1-iodo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	4.20 ng	191315	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
2	Octacosane	394	C28H58	000630-02-4	83
3	Octadecane	254	C18H38	000593-45-3	83
4	Tetracosane	338	C24H50	000646-31-1	83
5	Docosane	310	C22H46	000629-97-0	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
Data File : BF121880.D
Acq On : 7 Oct 2020 18:31
Operator : JU/CG
Sample : L4224-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-100620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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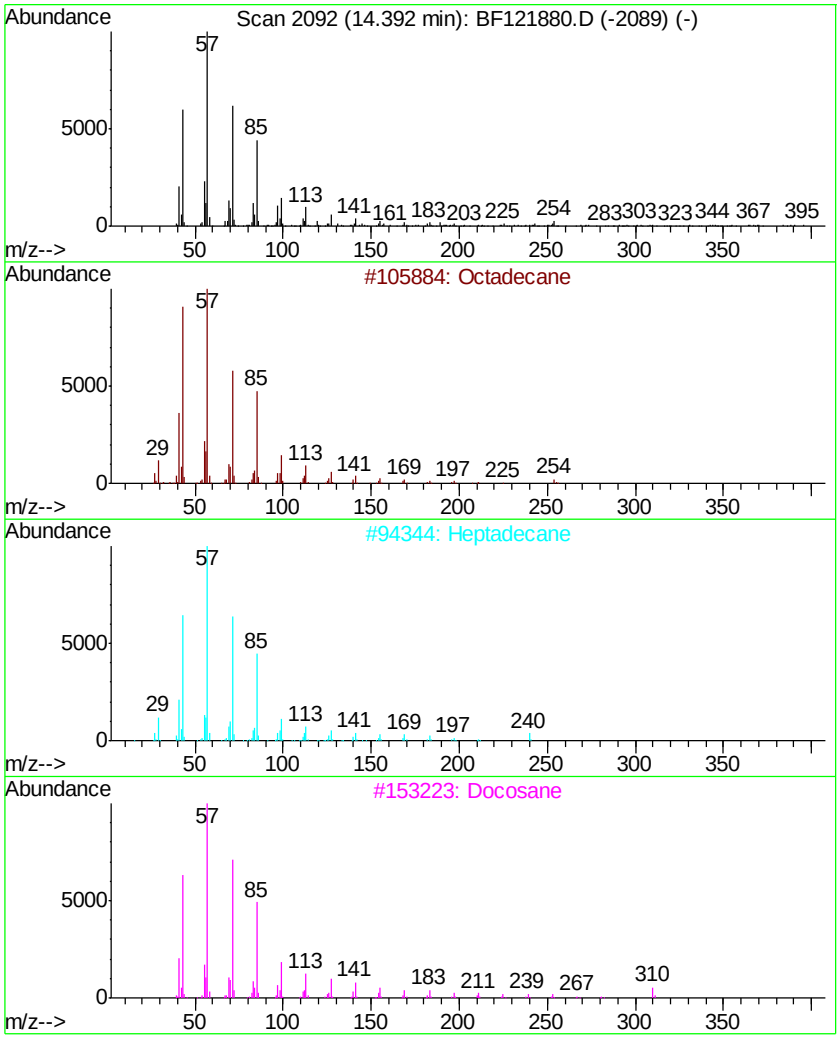
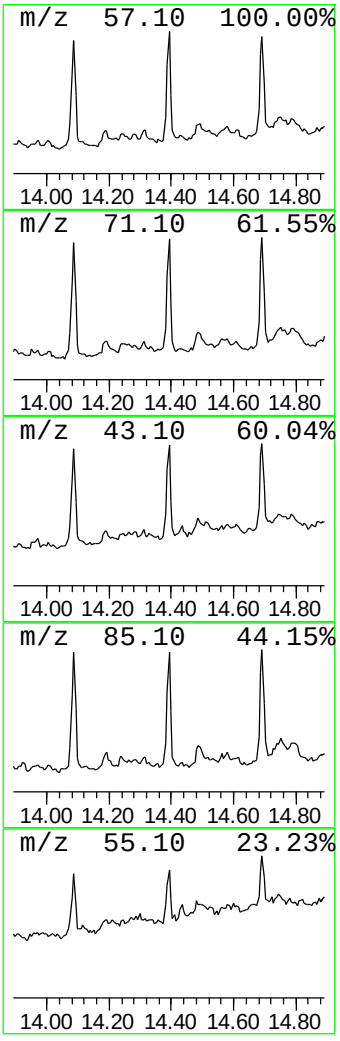
Peak Number 7 Octadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	4.49 ng	204836	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	97
2	Heptadecane	240	C17H36	000629-78-7	93
3	Docosane	310	C22H46	000629-97-0	93
4	Octacosane	394	C28H58	000630-02-4	91
5	Heptacosane	380	C27H56	000593-49-7	91





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Acq On : 7 Oct 2020 18:31
Operator : JU/CG
Sample : L4224-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-100620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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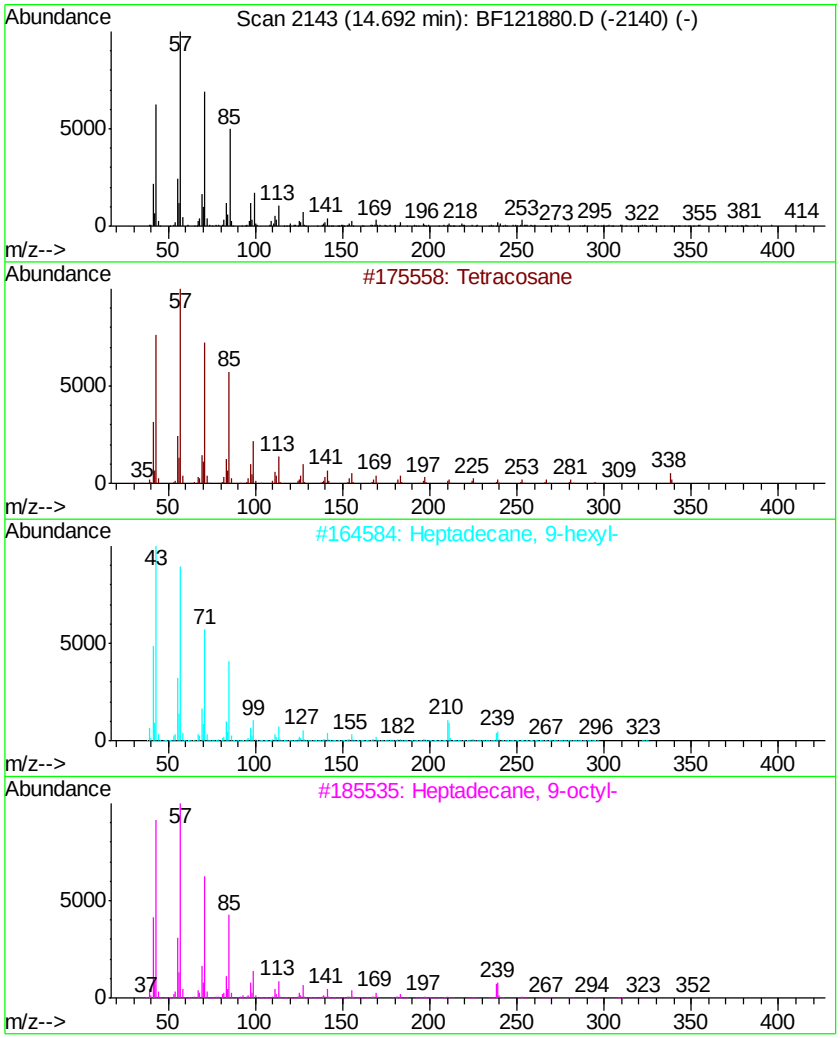
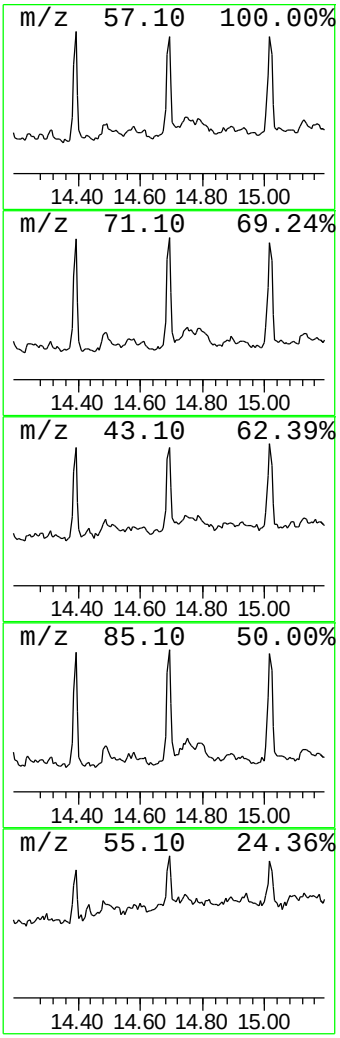
Peak Number 8 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	3.68 ng	188048	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	96
2	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tricosane	324	C23H48	000638-67-5	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
Data File : BF121880.D
Acq On : 7 Oct 2020 18:31
Operator : JU/CG
Sample : L4224-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-100620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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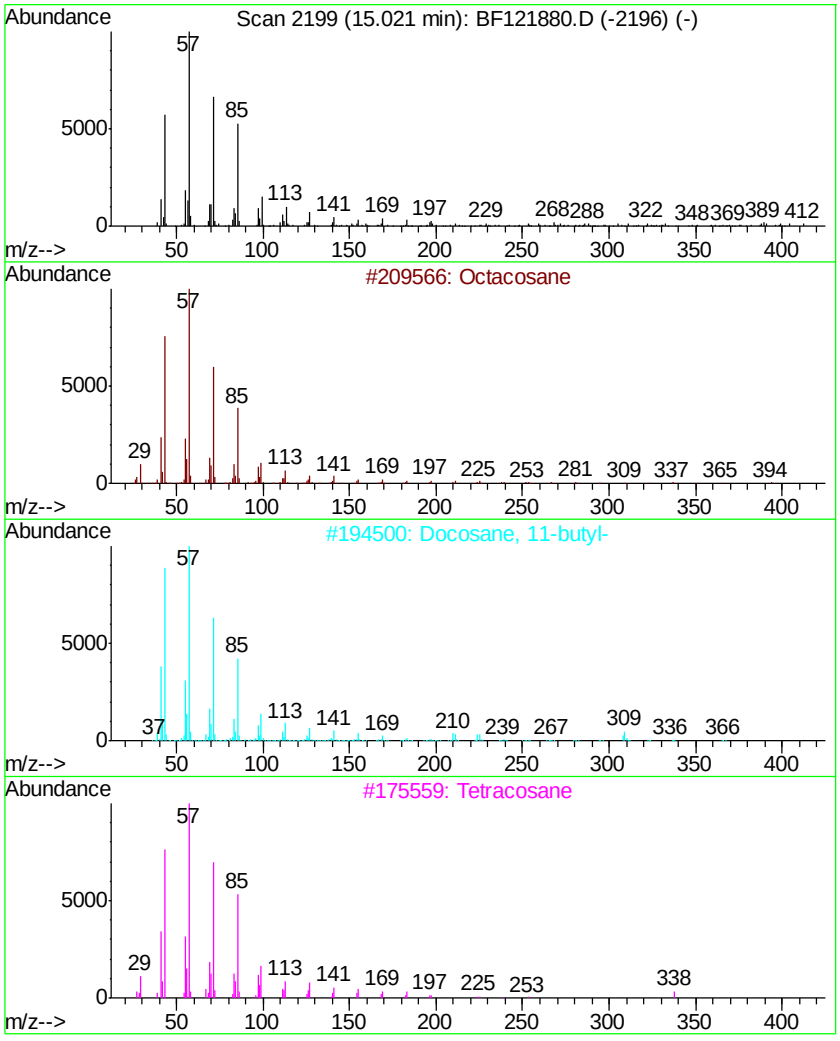
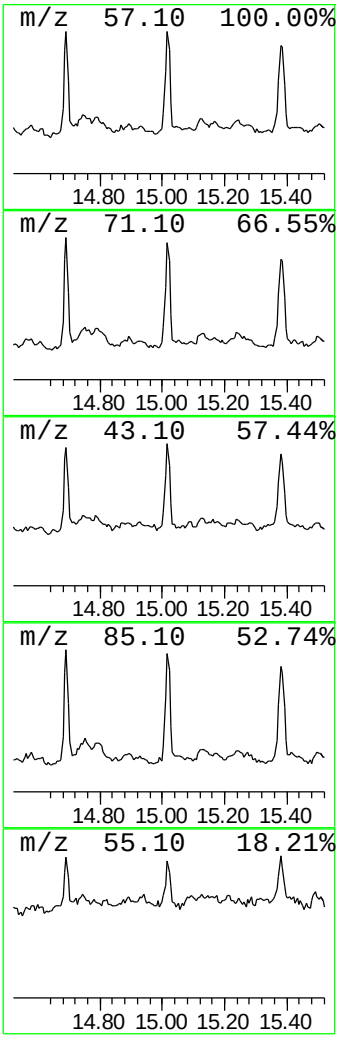
Peak Number 9 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	3.99 ng	204078	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	98
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
3	Tetracosane	338	C24H50	000646-31-1	87
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Triacontane	422	C30H62	000638-68-6	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100720\
Data File : BF121880.D
Acq On : 7 Oct 2020 18:31
Operator : JU/CG
Sample : L4224-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-100620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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
2,4,7,9-Tetrameth...	9.24	2.0	ng	99361	3	9.80	992565	20.0
Hexadecane	12.37	3.7	ng	159588	4	11.29	872140	20.0
Heptacosane	13.10	3.7	ng	169895	5	13.93	911598	20.0
Nonadecane	13.44	4.0	ng	182674	5	13.93	911598	20.0
Heptadecane	13.77	3.6	ng	162415	5	13.93	911598	20.0
Tridecane, 1-iodo-	14.09	4.2	ng	191315	5	13.93	911598	20.0
Octadecane	14.39	4.5	ng	204836	5	13.93	911598	20.0
Tetracosane	14.69	3.7	ng	188048	6	15.37	1022000	20.0
Octacosane	15.02	4.0	ng	204078	6	15.37	1022000	20.0