LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
Data File : BF120298.D
Acq On : 14 May 2020 18:42
Operator : MA/SJ
Sample : L2605-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 239992

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-BF051420.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	5.228	531	534	555	rBV	5017404	5711918	79.99%	7.828%
2	5.916	646	651	659	rBV2	22452	75670	1.06%	0.104%
3	6.275	708	712	739	rBV	4859646	5841827	81.81%	8.006%
4	6.463	742	744	757	rVB4	38984	80021	1.12%	0.110%
5	6.622	767	771	782	rBV	1834830	2133914	29.88%	2.924%
6	6.775	793	797	814	rBV	4473890	4824797	67.56%	6.612%
7	7.192	863	868	890	rBV	3292498	3981329	55.75%	5.456%
8	7.904	985	989	1010	rBV	2661027	3099157	43.40%	4.247%
9	8.986	1167	1173	1186	rBV	7323841	7141054	100.00%	9.786%
10	9.380	1237	1240	1248	rVB	1301336	1177081	16.48%	1.613%
11	9.657	1281	1287	1291	rBV	3477589	3230027	45.23%	4.427%
12	10.204	1377	1380	1386	rBV2	64428	84537	1.18%	0.116%
13	10.322	1397	1400	1405	rBV2	69659	96623	1.35%	0.132%
14	10.451	1417	1422	1440	rBV	3812938	4241657	59.40%	5.813%
15	10.575	1440	1443	1450	rVB4	77985	116455	1.63%	0.160%
16	11.145	1535	1540	1542	rBV	2912979	3091303	43.29%	4.236%
17	11.163	1542	1543	1550	rVV	1087680	970776	13.59%	1.330%
18	11.216	1550	1552	1557	rVB	172645	177885	2.49%	0.244%
19	11.380	1575	1580	1587	rBV2	75896	126145	1.77%	0.173%
20	11.645	1621	1625	1627	rBV	143856	143738	2.01%	0.197%
21	11.686	1627	1632	1640	rVV3	700035	1043635	14.61%	1.430%
22	11.751	1640	1643	1646	rVV	232447	292572	4.10%	0.401%
23	11.774	1646	1647	1654	rVB	122932	125110	1.75%	0.171%
24	11.939	1672	1675	1678	rBV	103416	103821	1.45%	0.142%
25	11.969	1678	1680	1686	rVB	78827	83211	1.17%	0.114%
26	12.086	1695	1700	1704	rBV4	45841	75901	1.06%	0.104%
27	12.192	1714	1718	1721	rBV	125872	134493	1.88%	0.184%
28	12.280	1730	1733	1741	rVB	90472	109139	1.53%	0.150%
29	12.351	1741	1745	1751	rBV	1425498	1403934	19.66%	1.924%
30	12.469	1763	1765	1774	rBV4	244238	454069	6.36%	0.622%
31	12.580	1778	1784	1789	rVV	1359956	1605207	22.48%	2.200%
32	12.633	1791	1793	1798	rVB2	80949	102066	1.43%	0.140%
33	12.733	1805	1810	1816	rVB	5627217	5769018	80.79%	7.906%
34	12.798	1817	1821	1826	rVV2	106906	153392	2.15%	0.210%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
Data File : BF120298.D
Acq On : 14 May 2020 18:42
Operator : MA/SJ
Sample : L2605-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 239992

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-BF051420.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.892	1833	1837	1838	rBV2	93170	110732	1.55%	0.152%
36	12.910	1838	1840	1844	rVB	176567	188618	2.64%	0.258%
37	12.974	1844	1851	1854	rBV2	133783	200375	2.81%	0.275%
38	13.010	1854	1857	1866	rVB	130658	195096	2.73%	0.267%
39	13.133	1876	1878	1883	rBV2	66337	79608	1.11%	0.109%
40	13.310	1905	1908	1911	rBV	108217	97565	1.37%	0.134%
41	13.421	1924	1927	1932	rBV	127214	138550	1.94%	0.190%
42	13.527	1941	1945	1947	rBV	149011	155761	2.18%	0.213%
43	13.639	1960	1964	1972	rBV2	758476	1095983	15.35%	1.502%
44	13.780	1980	1988	1991	rBV2	2781689	3464350	48.51%	4.748%
45	13.804	1991	1992	2001	rVV	720692	595533	8.34%	0.816%
46	13.880	2003	2005	2008	rVB	78030	77175	1.08%	0.106%
47	13.957	2014	2018	2021	rBV	341589	324508	4.54%	0.445%
48	14.168	2049	2054	2057	rBV	124963	149732	2.10%	0.205%
49	14.262	2066	2070	2073	rBV	577394	568016	7.95%	0.778%
50	14.551	2116	2119	2123	rBV	588123	593866	8.32%	0.814%
51	14.786	2154	2159	2168	rBV	558665	1063231	14.89%	1.457%
52	14.862	2168	2172	2175	rBV	603557	712534	9.98%	0.976%
53	15.057	2201	2205	2211	rVB	296501	402631	5.64%	0.552%
54	15.115	2211	2215	2220	rVB	439582	523575	7.33%	0.718%
55	15.174	2220	2225	2228	rBV	1567833	2068525	28.97%	2.835%
56	15.204	2228	2230	2237	rVB	612750	676550	9.47%	0.927%
57	15.592	2292	2296	2302	rVB	412075	555308	7.78%	0.761%
58	16.039	2368	2372	2380	rVB2	140974	214903	3.01%	0.295%
59	16.498	2444	2450	2455	rBV2	190808	410706	5.75%	0.563%
60	16.568	2458	2462	2468	rVB2	116963	192056	2.69%	0.263%
61	16.656	2471	2477	2480	rBV4	50220	87353	1.22%	0.120%
62	16.898	2512	2518	2523	rBV2	107120	224248	3.14%	0.307%

Sum of corrected areas: 72968570

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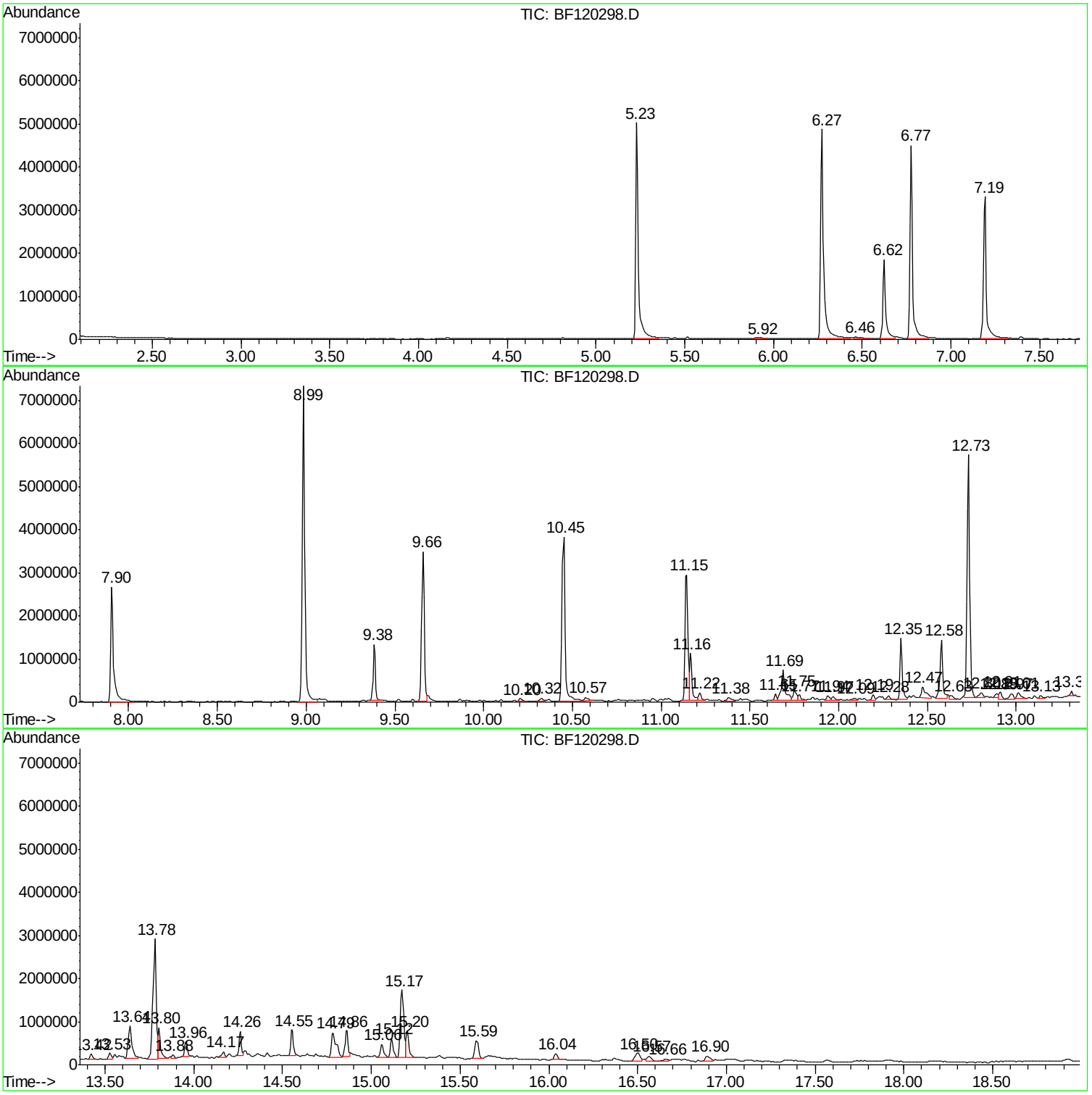
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 239992

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.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\BF051420\
Data File : BF120298.D
Acq On : 14 May 2020 18:42
Operator : MA/SJ
Sample : L2605-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.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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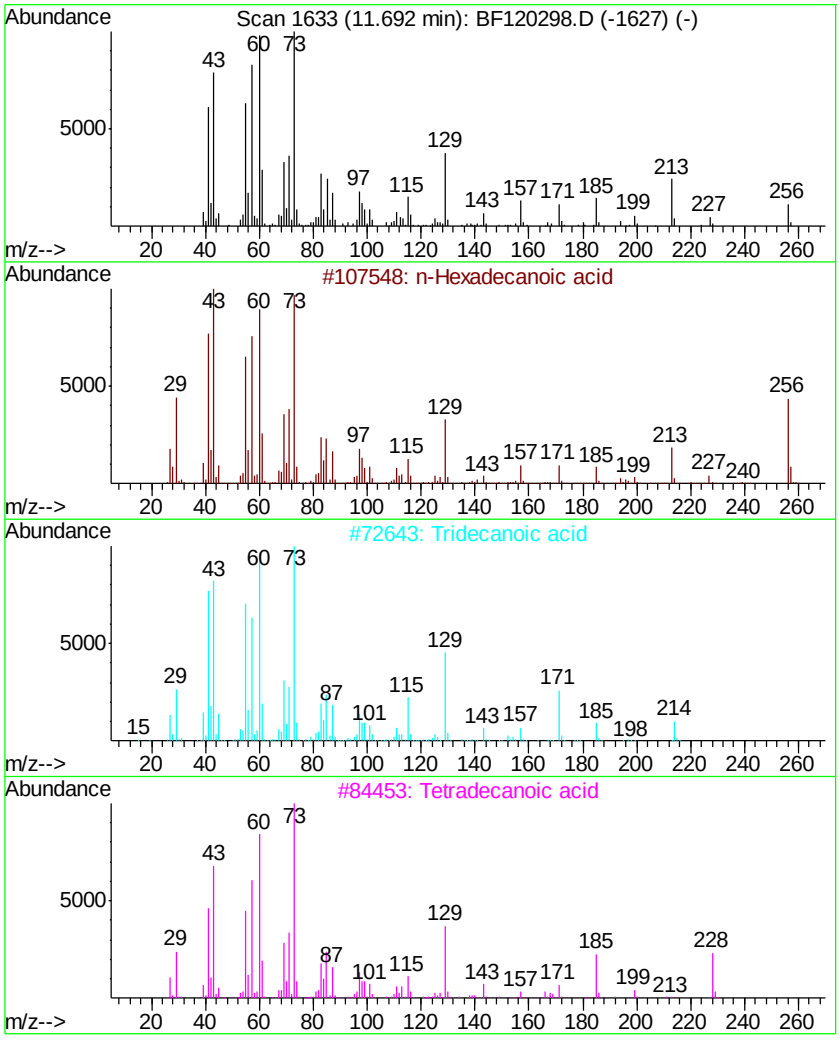
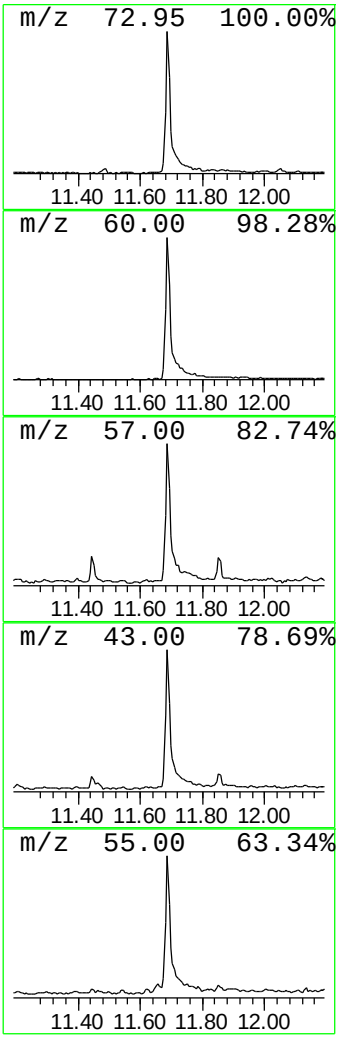
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	6.75 ng	1043640	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	Undecanoic acid	186	C11H22O2	000112-37-8	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
Data File : BF120298.D
Acq On : 14 May 2020 18:42
Operator : MA/SJ
Sample : L2605-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 239992

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.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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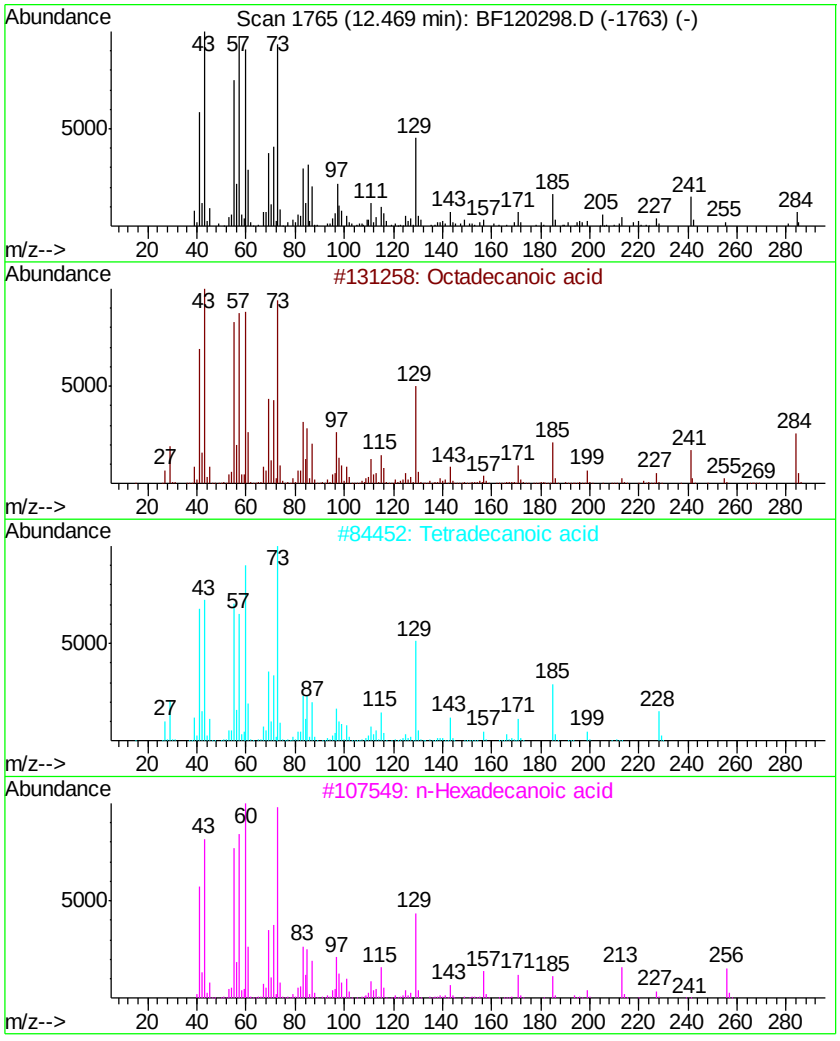
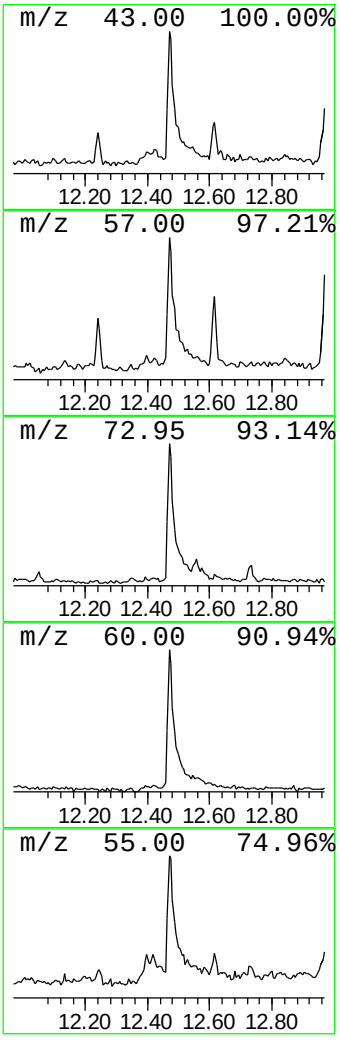
Peak Number 3 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	2.62 ng	454069	Chrysene-d12	13.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
Data File : BF120298.D
Acq On : 14 May 2020 18:42
Operator : MA/SJ
Sample : L2605-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 239992

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.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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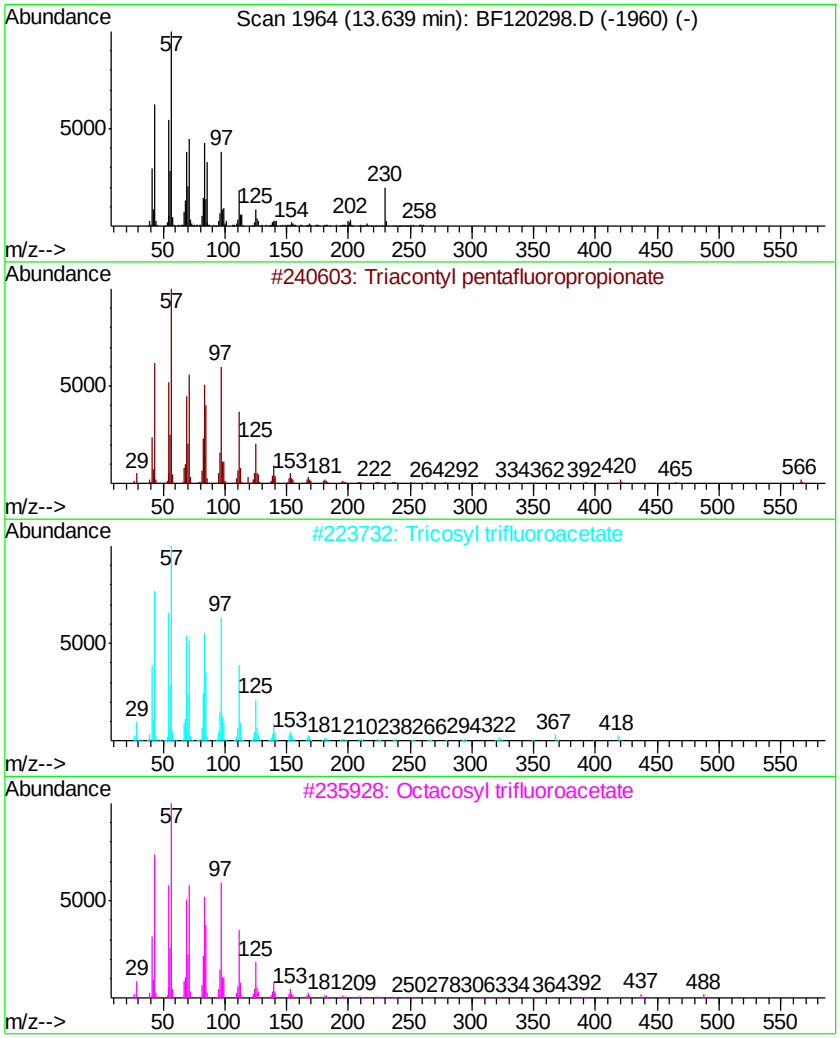
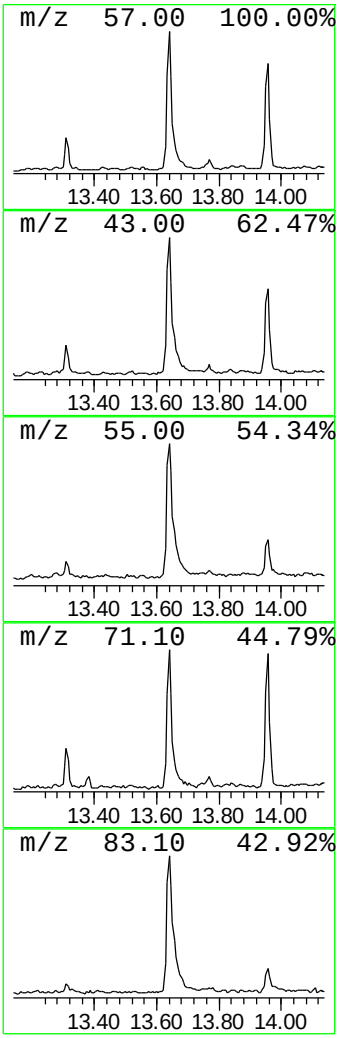
Peak Number 4 Triacontyl pentafluoropropi... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	6.33 ng	1095980	Chrysene-d12	13.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontyl pentafluoropropionate	584	C33H61F5O2	1000351-80-0	87
2	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	87
3	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	87
4	Triacontyl trifluoroacetate	534	C32H61F3O2	1000351-75-7	87
5	Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
Data File : BF120298.D
Acq On : 14 May 2020 18:42
Operator : MA/SJ
Sample : L2605-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 239992

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.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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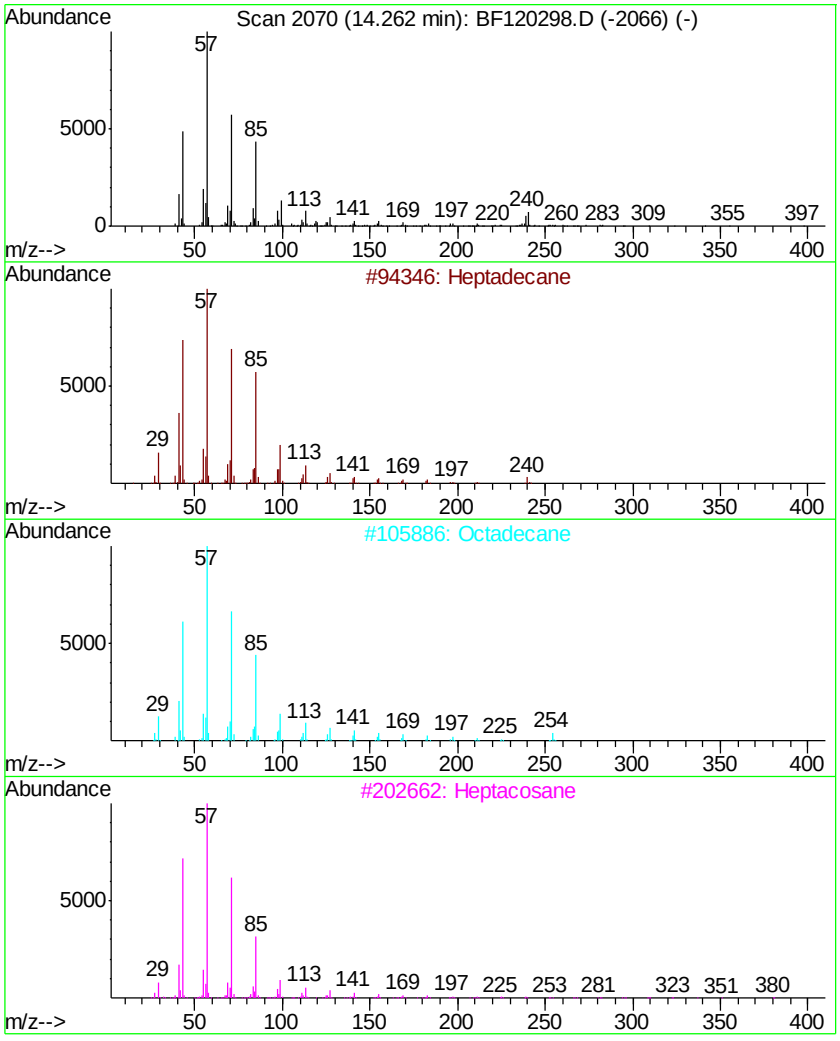
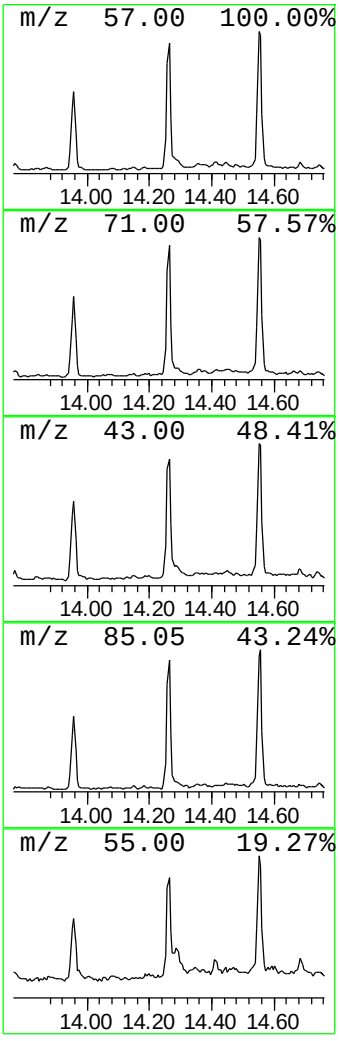
Peak Number 5 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	3.28 ng	568016	Chrysene-d12	13.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Octadecane	254	C18H38	000593-45-3	91
3	Heptacosane	380	C27H56	000593-49-7	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Heneicosane	296	C21H44	000629-94-7	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
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Acq On : 14 May 2020 18:42
Operator : MA/SJ
Sample : L2605-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 239992

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.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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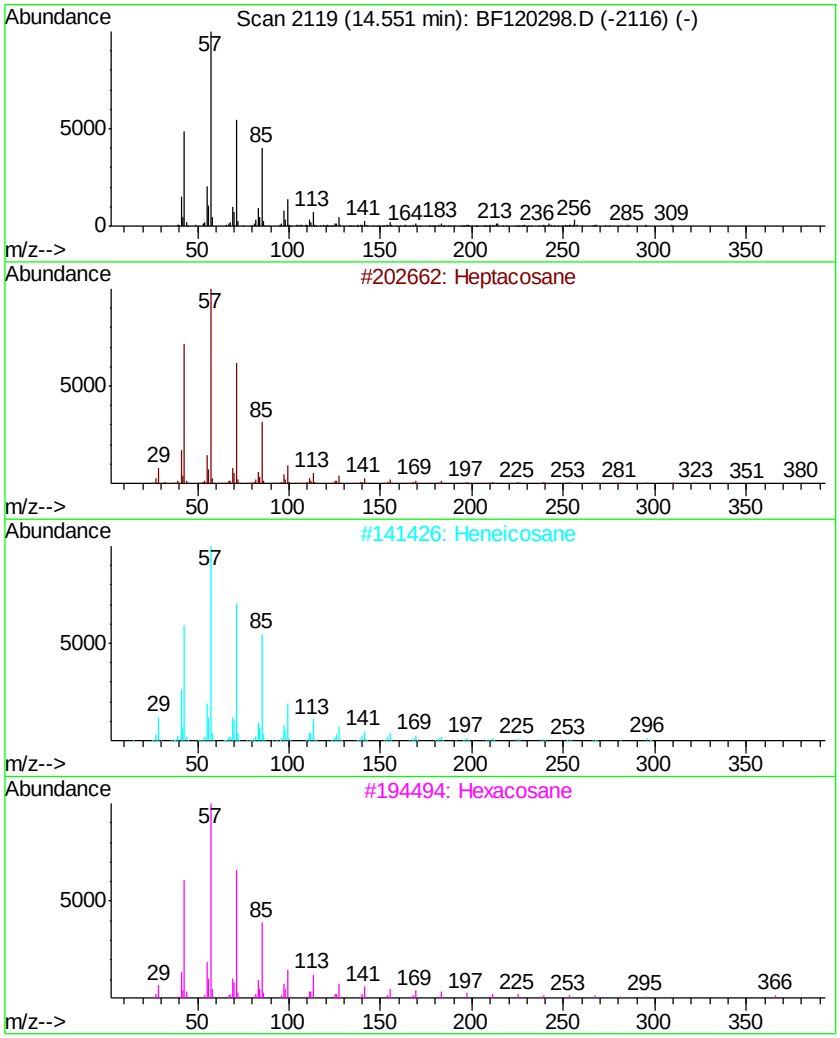
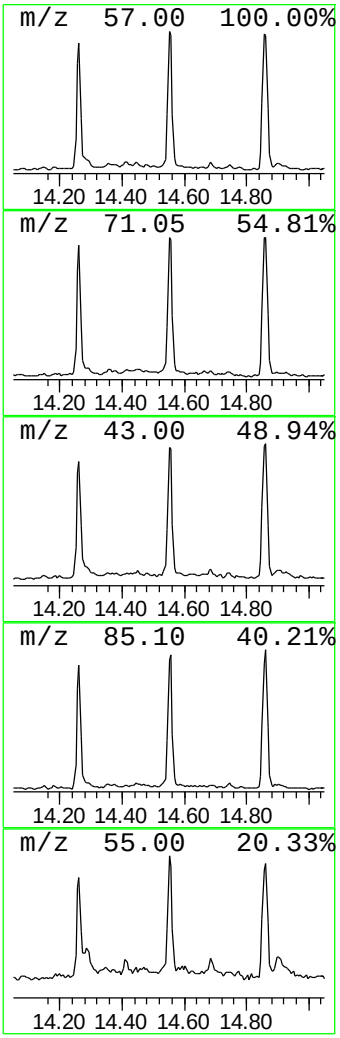
Peak Number 6 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	5.74 ng	593866	Perylene-d12	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
Data File : BF120298.D
Acq On : 14 May 2020 18:42
Operator : MA/SJ
Sample : L2605-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 239992

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.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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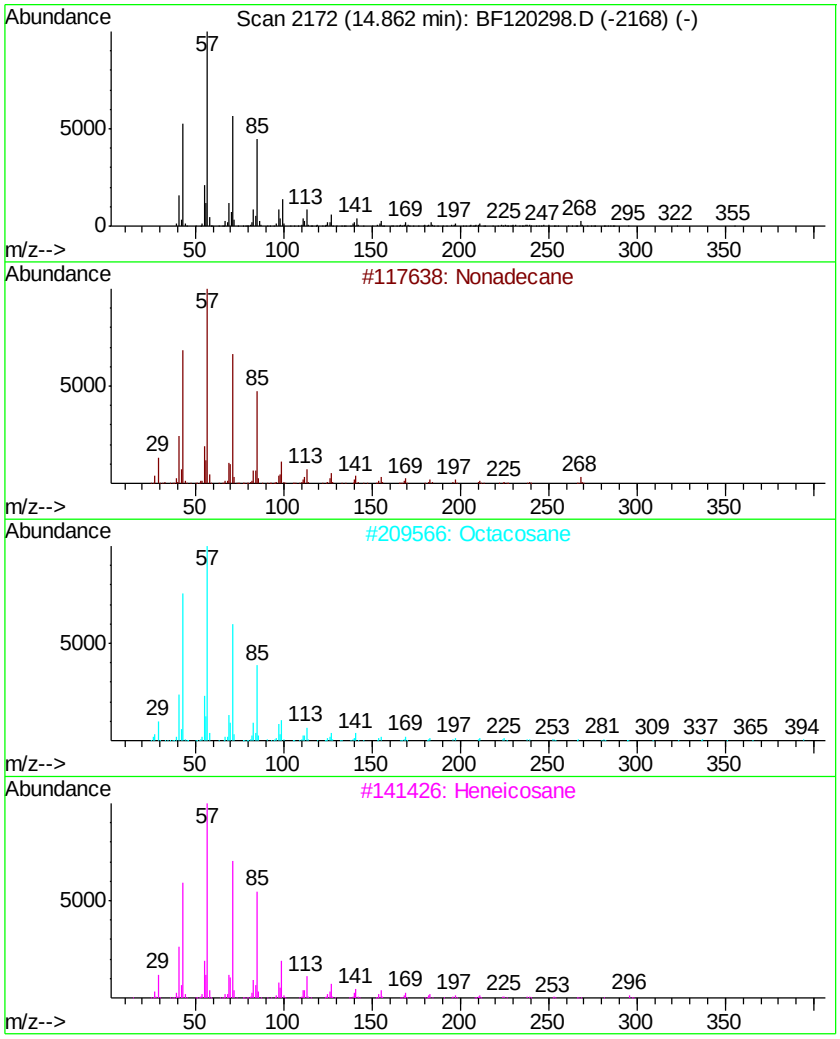
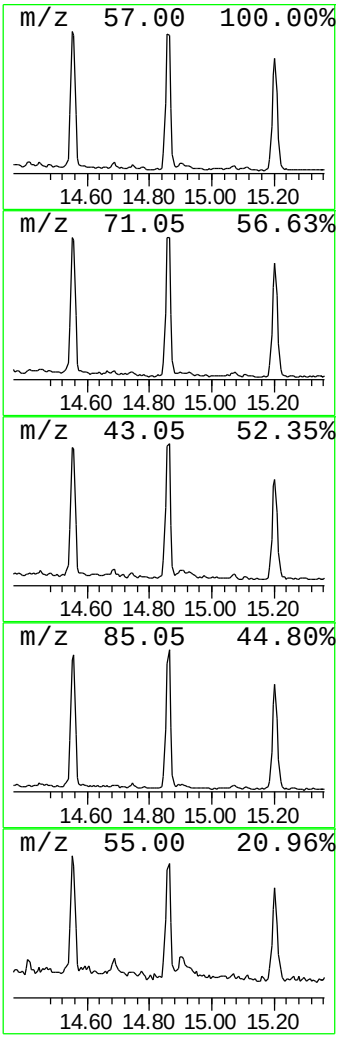
Peak Number 7 Nonadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	6.89 ng	712534	Perylene-d12	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Heptadecane	240	C17H36	000629-78-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
Data File : BF120298.D
Acq On : 14 May 2020 18:42
Operator : MA/SJ
Sample : L2605-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 239992

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.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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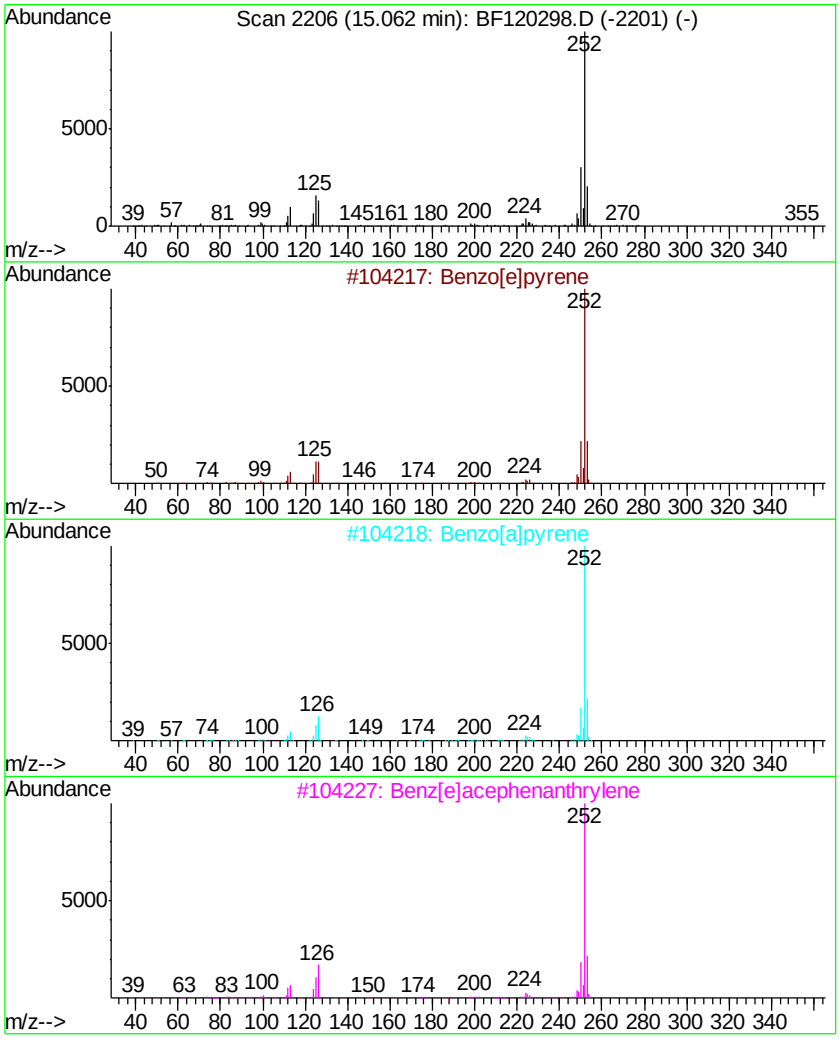
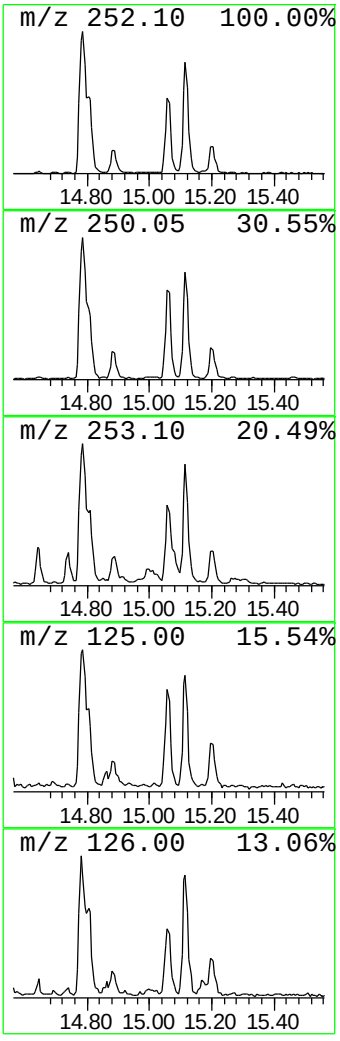
Peak Number 8 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	3.89 ng	402631	Perylene-d12	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	91
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
Data File : BF120298.D
Acq On : 14 May 2020 18:42
Operator : MA/SJ
Sample : L2605-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 239992

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.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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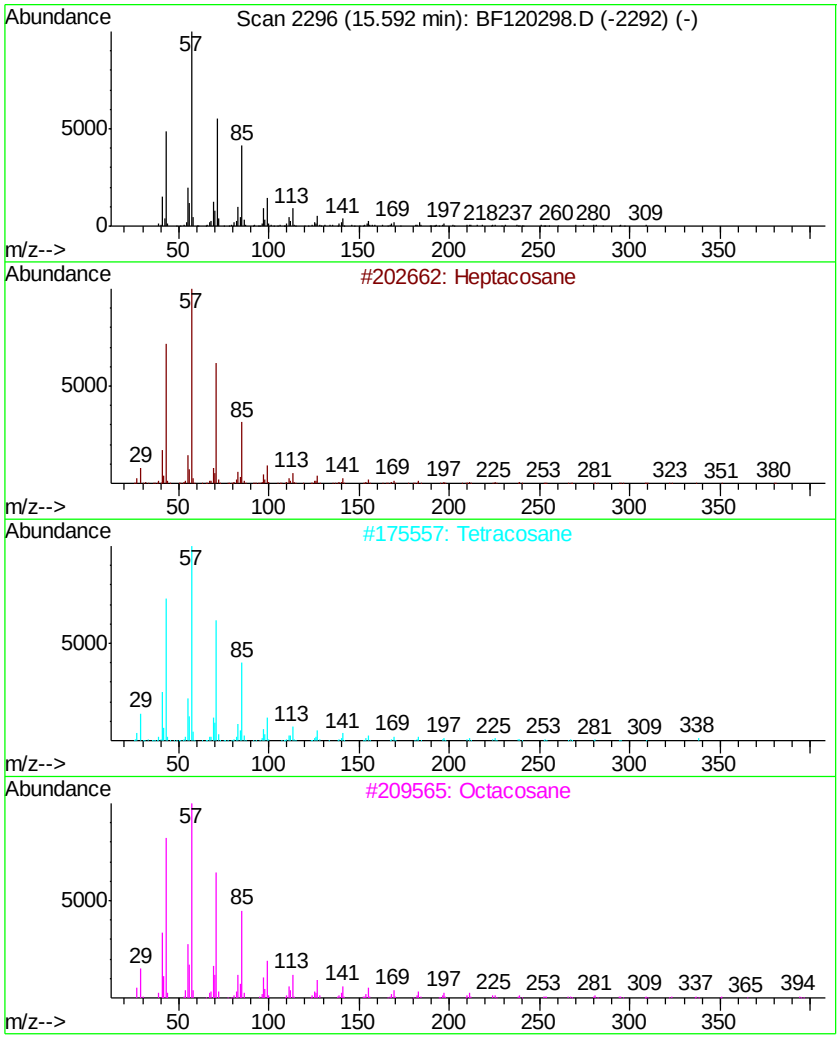
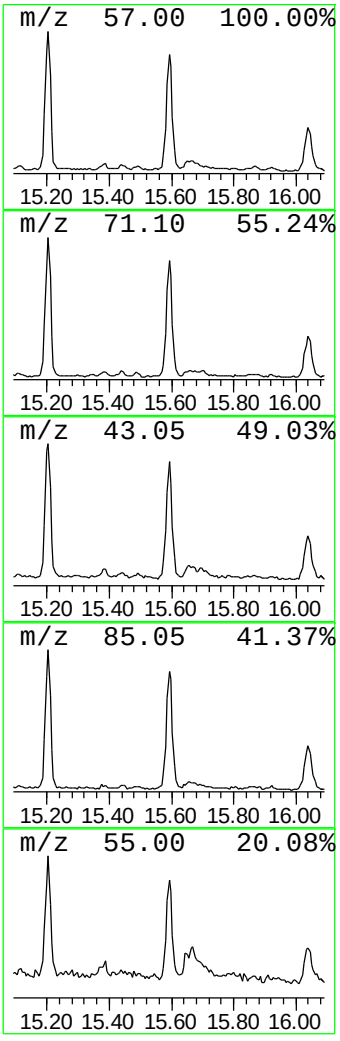
Peak Number 9 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	5.37 ng	555308	Perylene-d12	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Octacosane	394	C28H58	000630-02-4	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	90
5	Heneicosane	296	C21H44	000629-94-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
Data File : BF120298.D
Acq On : 14 May 2020 18:42
Operator : MA/SJ
Sample : L2605-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 239992

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

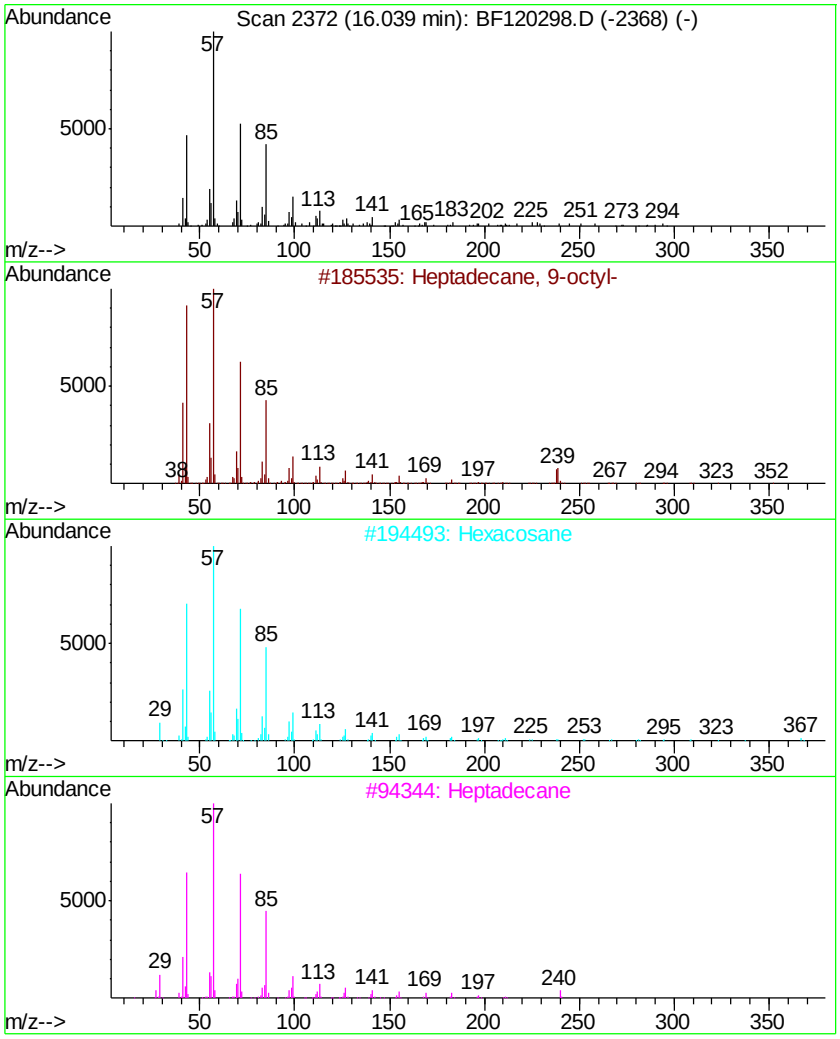
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

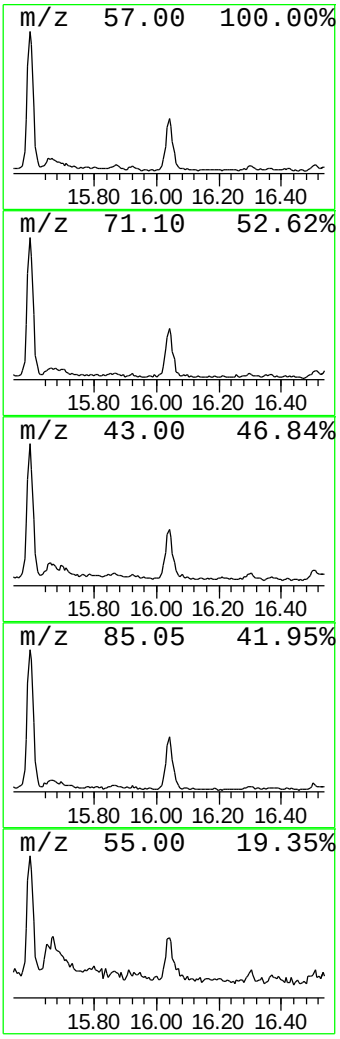
****

Peak Number 10 Heptadecane, 9-octyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	2.08 ng	214903	Perylene-d12	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
2	Hexacosane	366	C26H54	000630-01-3	87
3	Heptadecane	240	C17H36	000629-78-7	87
4	Hexadecane	226	C16H34	000544-76-3	86
5	Eicosane	282	C20H42	000112-95-8	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051420\
Data File : BF120298.D
Acq On : 14 May 2020 18:42
Operator : MA/SJ
Sample : L2605-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 239992

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.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
n-Hexadecanoic acid	11.69	6.8	ng	1043640	4	11.15	3091300	20.0
Octadecanoic acid	12.47	2.6	ng	454069	5	13.78	3464350	20.0
Triacontyl pentaf...	13.64	6.3	ng	1095980	5	13.78	3464350	20.0
Heptadecane	14.26	3.3	ng	568016	5	13.78	3464350	20.0
Heptacosane	14.55	5.7	ng	593866	6	15.17	2068530	20.0
Nonadecane	14.86	6.9	ng	712534	6	15.17	2068530	20.0
Benzo[e]pyrene	15.06	3.9	ng	402631	6	15.17	2068530	20.0
Tetracosane	15.59	5.4	ng	555308	6	15.17	2068530	20.0
Heptadecane, 9-oc...	16.04	2.1	ng	214903	6	15.17	2068530	20.0