LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120089.D
Acq On : 20 Apr 2020 20:29
Operator : MA/SJ
Sample : L2314-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-2020-04-15

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-BF040820.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	5.316	544	549	552	rBV	3049162	2791945	74.56%	6.754%
2	6.357	721	726	734	rBV	2730690	2852321	76.17%	6.900%
3	6.428	734	738	743	rVB	57511	60717	1.62%	0.147%
4	6.545	754	758	764	rBV3	62556	64580	1.72%	0.156%
5	6.710	783	786	790	rBV	1169429	985344	26.31%	2.384%
6	6.869	809	813	816	rBV	3031635	2588844	69.13%	6.263%
7	7.122	852	856	865	rVB	61555	57703	1.54%	0.140%
8	7.281	874	883	886	rBV	2248047	2141550	57.19%	5.181%
9	7.998	1000	1005	1008	rBV	1639718	1316189	35.15%	3.184%
10	8.586	1102	1105	1109	rBV2	49337	59782	1.60%	0.145%
11	9.081	1183	1189	1192	rBV	4384446	3744737	100.00%	9.059%
12	9.163	1196	1203	1207	rBV2	44366	52977	1.41%	0.128%
13	9.475	1252	1256	1259	rBV	876281	660290	17.63%	1.597%
14	9.757	1297	1304	1307	rBV	1533697	1351649	36.09%	3.270%
15	10.545	1433	1438	1441	rBV	2509516	2121337	56.65%	5.132%
16	10.663	1455	1458	1464	rBV2	39919	57675	1.54%	0.140%
17	10.910	1496	1500	1507	rBV6	34184	51882	1.39%	0.126%
18	11.192	1545	1548	1552	rBV2	57706	61615	1.65%	0.149%
19	11.239	1552	1556	1559	rVV	1622326	1363800	36.42%	3.299%
20	11.263	1559	1560	1564	rVV	108327	79638	2.13%	0.193%
21	11.316	1564	1569	1573	rVB5	32520	55741	1.49%	0.135%
22	11.469	1590	1595	1598	rBV5	29177	52239	1.39%	0.126%
23	11.539	1604	1607	1611	rBV	68327	55858	1.49%	0.135%
24	11.692	1630	1633	1638	rBV2	85191	96866	2.59%	0.234%
25	11.780	1644	1648	1658	rBV2	652032	703809	18.79%	1.703%
26	11.951	1674	1677	1680	rBV	108241	101446	2.71%	0.245%
27	12.033	1687	1691	1695	rBV2	89743	135704	3.62%	0.328%
28	12.186	1714	1717	1720	rVB	68939	63157	1.69%	0.153%
29	12.292	1732	1735	1737	rBV2	49670	45757	1.22%	0.111%
30	12.339	1741	1743	1747	rVB2	53278	48028	1.28%	0.116%
31	12.451	1759	1762	1765	rBV	122691	120195	3.21%	0.291%
32	12.486	1765	1768	1776	rVB6	66883	133380	3.56%	0.323%
33	12.563	1776	1781	1788	rBV2	335159	377083	10.07%	0.912%
34	12.680	1798	1801	1803	rBV	145943	111468	2.98%	0.270%

LSC Area Percent Report

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Data File : BF120089.D
Acq On : 20 Apr 2020 20:29
Operator : MA/SJ
Sample : L2314-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-2020-04-15

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-BF040820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.716	1803	1807	1811	rBV	155389	167465	4.47%	0.405%
36	12.833	1822	1827	1830	rBV	3640749	3225689	86.14%	7.803%
37	13.068	1861	1867	1869	rBV3	100400	150654	4.02%	0.364%
38	13.092	1869	1871	1874	rVB	97926	90175	2.41%	0.218%
39	13.257	1894	1899	1902	rBV2	347965	339185	9.06%	0.821%
40	13.286	1902	1904	1908	rVB3	69253	74256	1.98%	0.180%
41	13.410	1922	1925	1936	rVB	164803	198699	5.31%	0.481%
42	13.498	1937	1940	1943	rBV2	104238	103067	2.75%	0.249%
43	13.527	1943	1945	1948	rVB3	90752	75894	2.03%	0.184%
44	13.621	1957	1961	1966	rBV2	104777	132088	3.53%	0.320%
45	13.680	1968	1971	1977	rBV2	102674	112718	3.01%	0.273%
46	13.739	1977	1981	1987	rBV	614663	770243	20.57%	1.863%
47	13.821	1993	1995	1998	rVB2	60800	48760	1.30%	0.118%
48	13.880	1999	2005	2008	rBV	1122263	1085188	28.98%	2.625%
49	13.951	2015	2017	2022	rBV2	106268	140825	3.76%	0.341%
50	14.051	2031	2034	2038	rBV	431004	419445	11.20%	1.015%
51	14.092	2039	2041	2044	rVB	194308	152382	4.07%	0.369%
52	14.180	2053	2056	2058	rBV2	83843	72677	1.94%	0.176%
53	14.245	2064	2067	2069	rBV	142747	144018	3.85%	0.348%
54	14.274	2069	2072	2074	rVV	290124	351670	9.39%	0.851%
55	14.298	2074	2076	2079	rVB2	188081	165262	4.41%	0.400%
56	14.333	2079	2082	2085	rBV	174785	163399	4.36%	0.395%
57	14.374	2085	2089	2093	rBV	862873	1142430	30.51%	2.764%
58	14.515	2110	2113	2117	rVB	162579	154476	4.13%	0.374%
59	14.574	2120	2123	2127	rBV	127755	147468	3.94%	0.357%
60	14.645	2132	2135	2139	rVV3	264524	348392	9.30%	0.843%
61	14.710	2143	2146	2152	rVB	263237	282096	7.53%	0.682%
62	14.798	2158	2161	2165	rVB	84550	98923	2.64%	0.239%
63	14.898	2175	2178	2185	rVB	98086	174191	4.65%	0.421%
64	14.980	2188	2192	2195	rBV	240082	263877	7.05%	0.638%
65	15.010	2195	2197	2204	rVB2	142408	200812	5.36%	0.486%
66	15.186	2224	2227	2231	rVB	69565	91742	2.45%	0.222%
67	15.245	2234	2237	2242	rVB	91912	111996	2.99%	0.271%
68	15.310	2243	2248	2257	rVV2	809454	1225248	32.72%	2.964%
69	15.527	2281	2285	2290	rVB4	118191	167514	4.47%	0.405%
70	15.751	2319	2323	2327	rBV2	93986	130850	3.49%	0.317%
71	15.804	2327	2332	2340	rBV	531331	998524	26.66%	2.416%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.339	2418	2423	2445	rVB2	163336	497844	13.29%	1.204%
73	16.498	2445	2450	2455	rBV4	92171	184641	4.93%	0.447%
74	16.680	2477	2481	2486	rBV4	54391	120878	3.23%	0.292%
75	16.845	2503	2509	2516	rBV2	307612	617481	16.49%	1.494%
76	17.104	2548	2553	2557	rBV2	46734	87705	2.34%	0.212%
77	17.245	2571	2577	2587	rBV3	181991	513883	13.72%	1.243%
78	17.992	2699	2704	2705	rBV4	92956	126674	3.38%	0.306%
79	18.203	2733	2740	2751	rVB2	236364	603887	16.13%	1.461%
80	18.527	2789	2795	2805	rVB3	96792	297376	7.94%	0.719%

Sum of corrected areas: 41337973

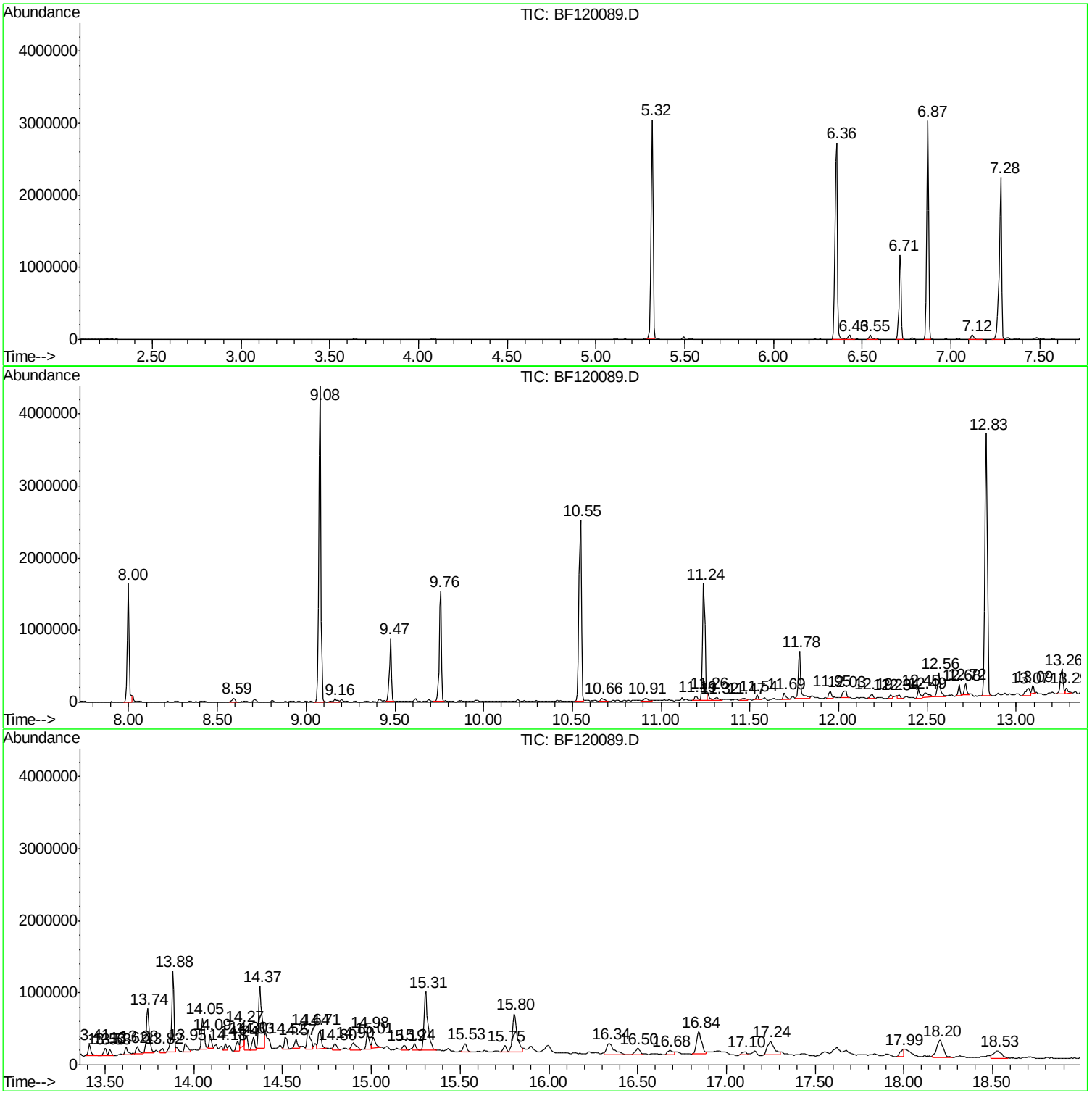
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120089.D
Acq On : 20 Apr 2020 20:29
Operator : MA/SJ
Sample : L2314-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-2020-04-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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\BF042020\
Data File : BF120089.D
Acq On : 20 Apr 2020 20:29
Operator : MA/SJ
Sample : L2314-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-2020-04-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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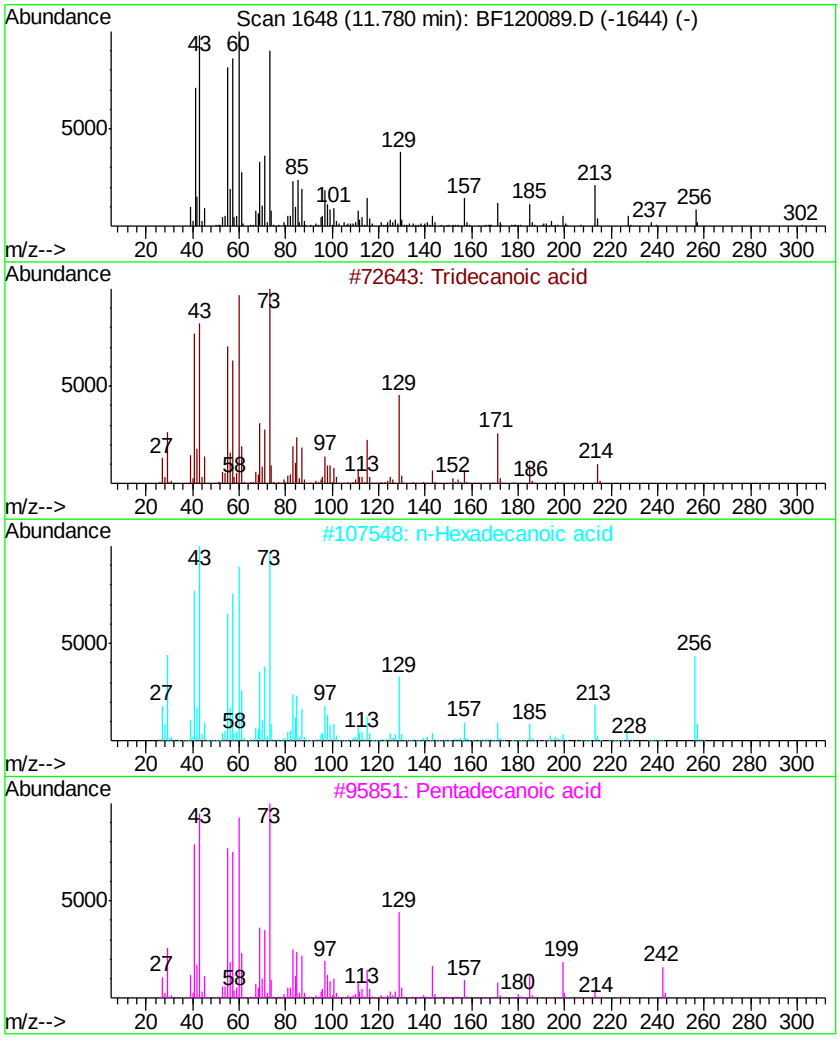
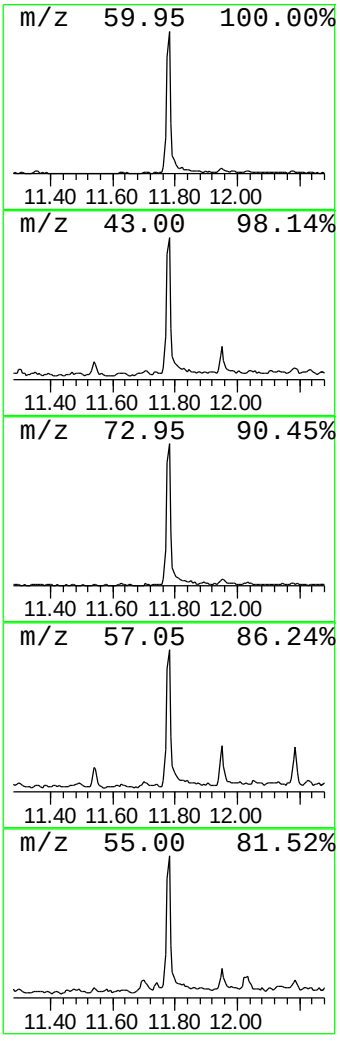
Peak Number 2 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	10.32 ng	703809	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	94
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Octadecanoic acid	284	C18H36O2	000057-11-4	81
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
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Operator : MA/SJ
Sample : L2314-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-2020-04-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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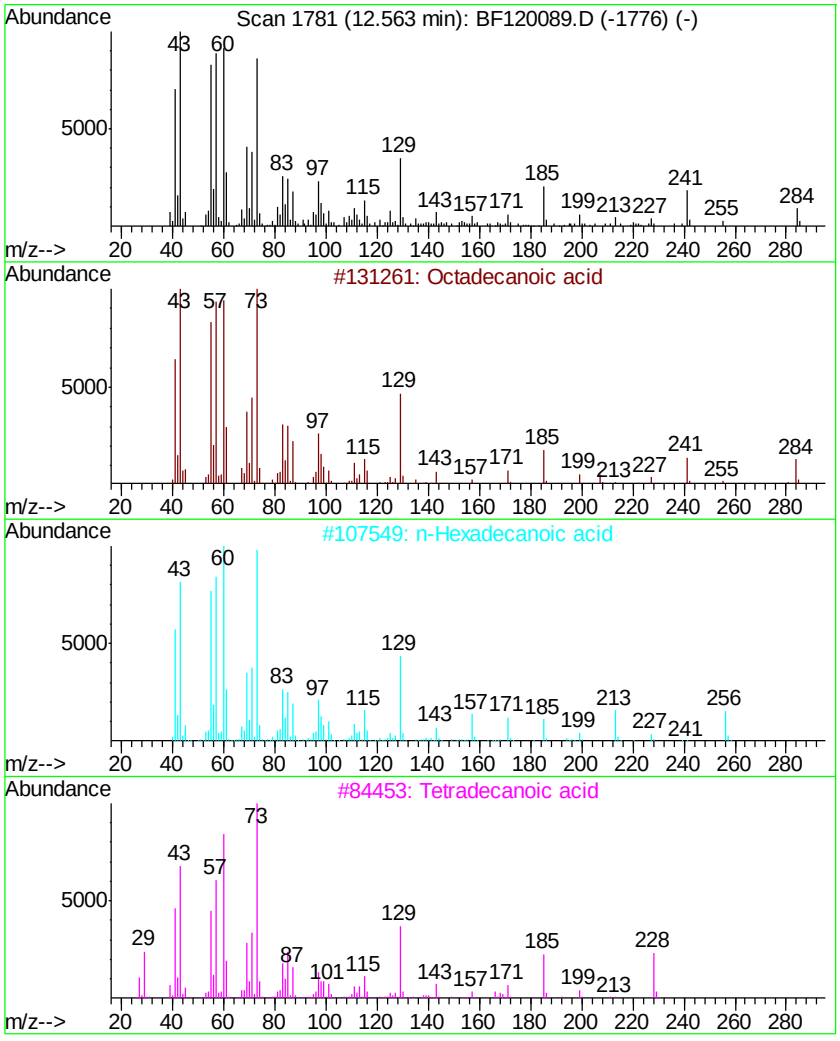
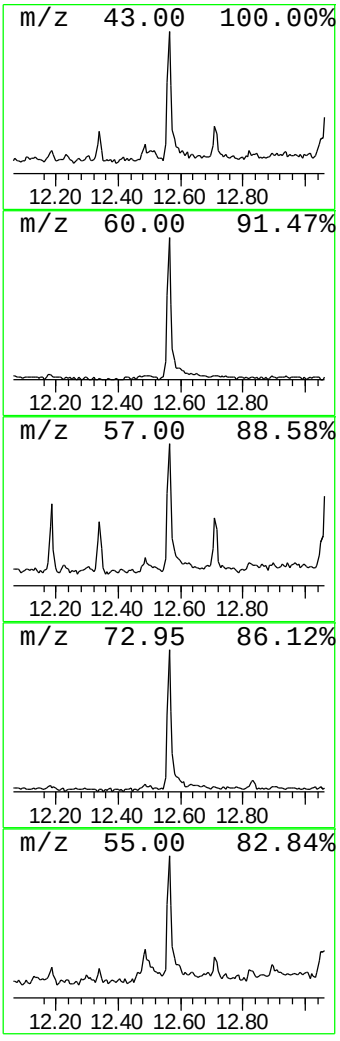
Peak Number 3 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	6.95 ng	377083	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	n-Decanoic acid	172	C10H20O2	000334-48-5	83
5	Undecanoic acid	186	C11H22O2	000112-37-8	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120089.D
Acq On : 20 Apr 2020 20:29
Operator : MA/SJ
Sample : L2314-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-2020-04-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

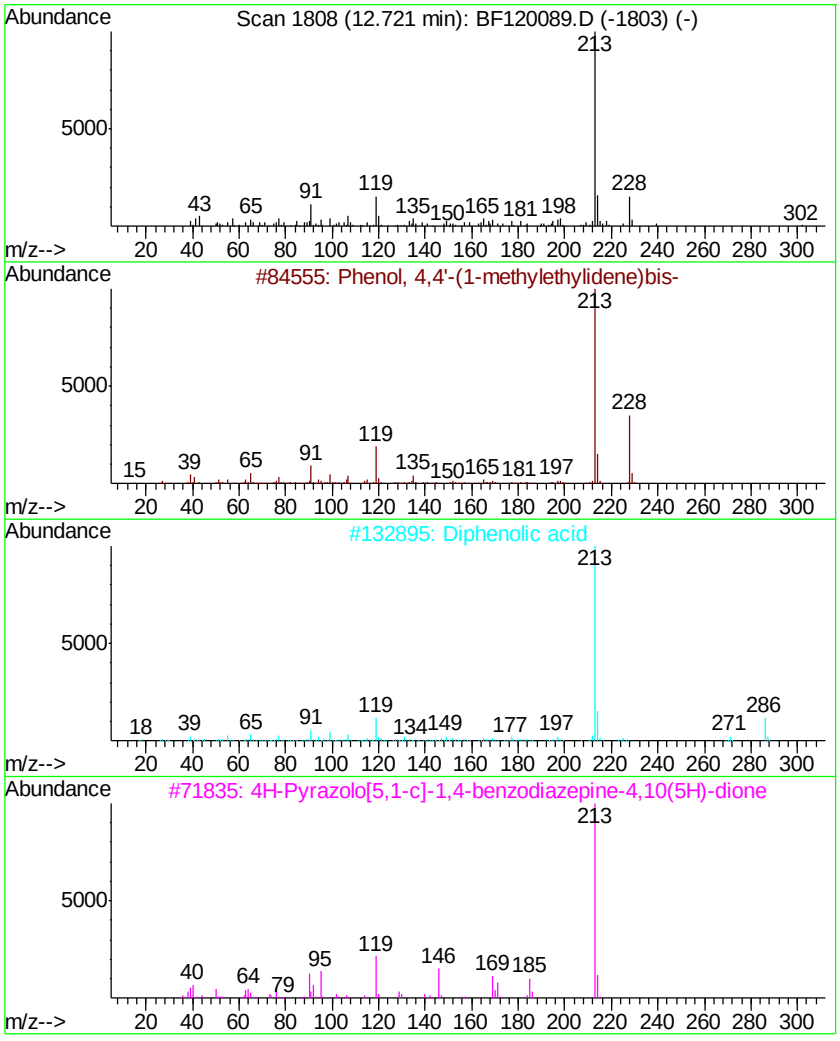
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

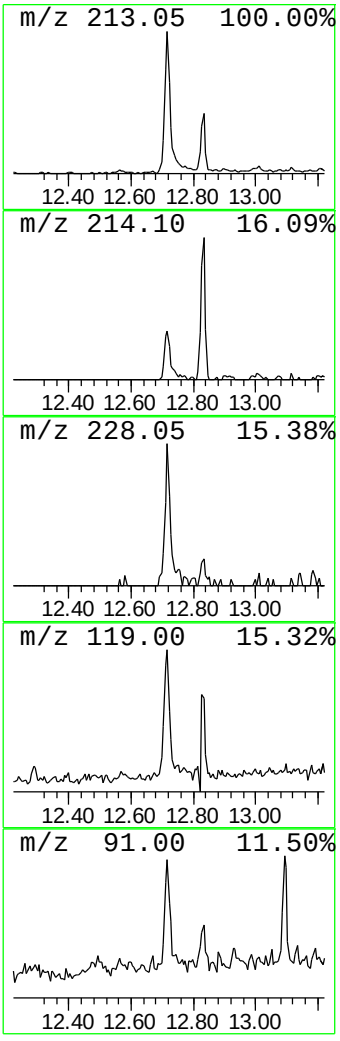
****

Peak Number 4 Phenol, 4,4'-(1-methylethyl... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	3.09 ng	167465	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	94
2	Diphenolic acid	286	C17H18O4	000126-00-1	64
3	4H-Pyrazolo[5,1-c]-1,4-benzodiaz...	213	C11H7N3O2	1000277-20-1	64
4	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	64
5	1,4-Puran, 5,6-dihydro-3-[3-indo...	213	C14H15NO	1000128-72-9	53





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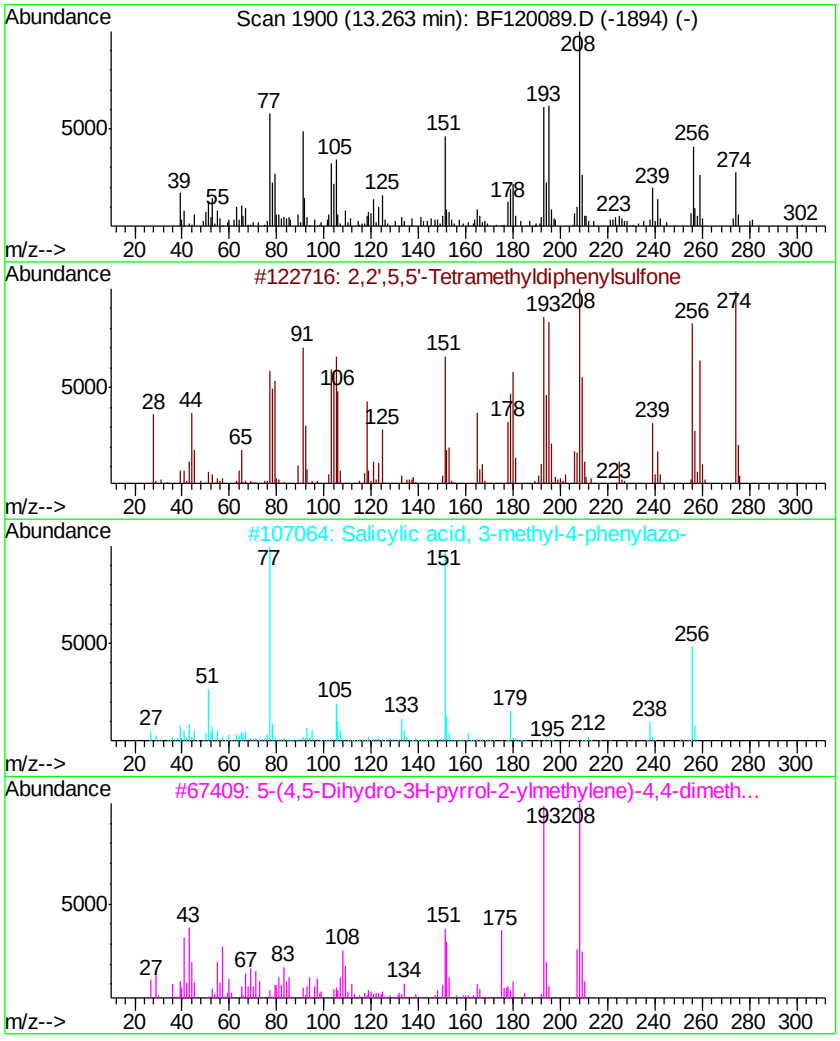
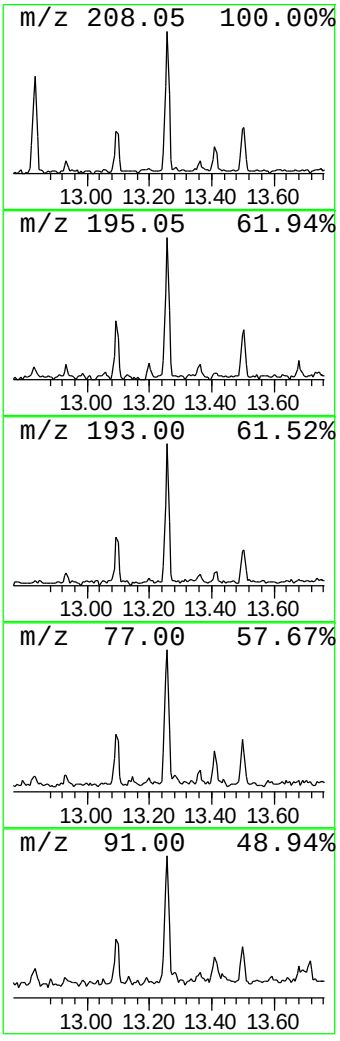
Peak Number 5 unknown13.26 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	6.25 ng	339185	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',5,5'-Tetramethyldiphenylsul...	274	C16H18O2S	006632-44-6	42
2	Salicylic acid, 3-methyl-4-phenyl...	256	C14H12N2O3	1000217-17-2	38
3	5-(4,5-Dihydro-3H-pyrrol-2-ylmet...	208	C11H16N2S	051430-88-7	30
4	Indole, 6-methyl-2-(4-pyridyl)-	208	C14H12N2	107919-93-7	27
5	Methyl 5-acetyl-2-methoxybenzoate	208	C11H12O4	039971-36-3	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
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Operator : MA/SJ
Sample : L2314-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-2020-04-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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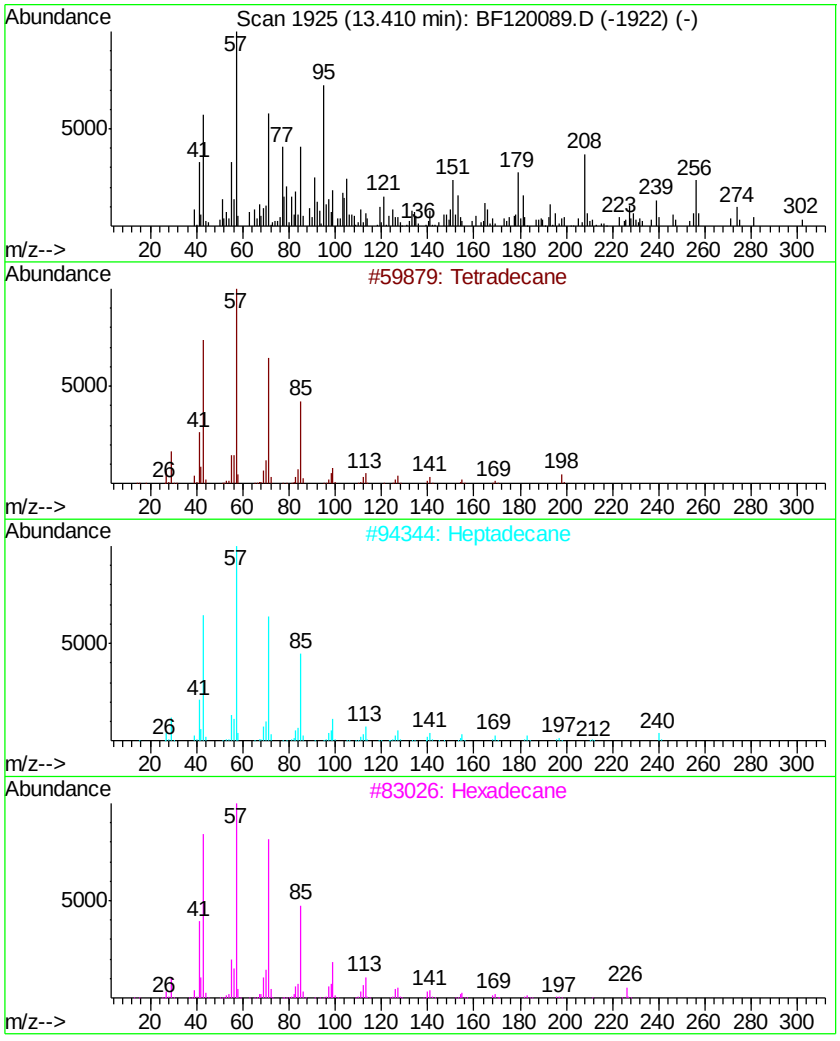
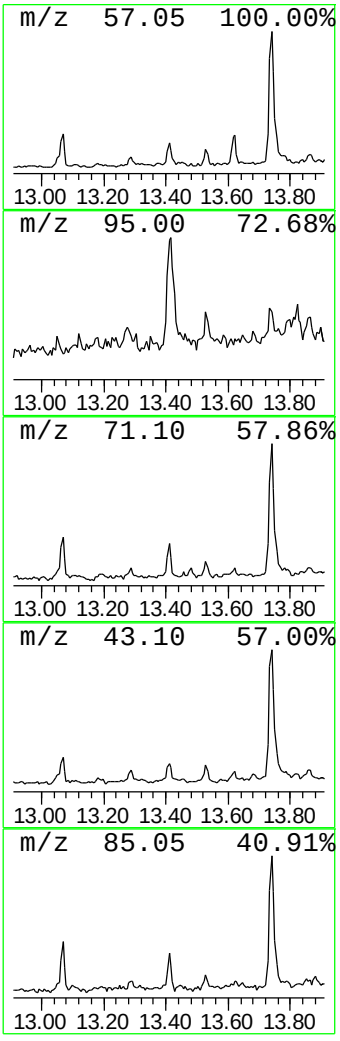
Peak Number 6 unknown13.41 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	3.66 ng	198699	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	48
2	Heptadecane	240	C17H36	000629-78-7	47
3	Hexadecane	226	C16H34	000544-76-3	35
4	4H-Pyran-4-one, 3,5-diacetyl-2,6...	208	C11H12O4	019396-77-1	35
5	2-methyltetracosane	352	C25H52	1000376-72-6	20





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Data File : BF120089.D
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Misc :
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Instrument : BNA_F
ClientSampleId : DUP-2020-04-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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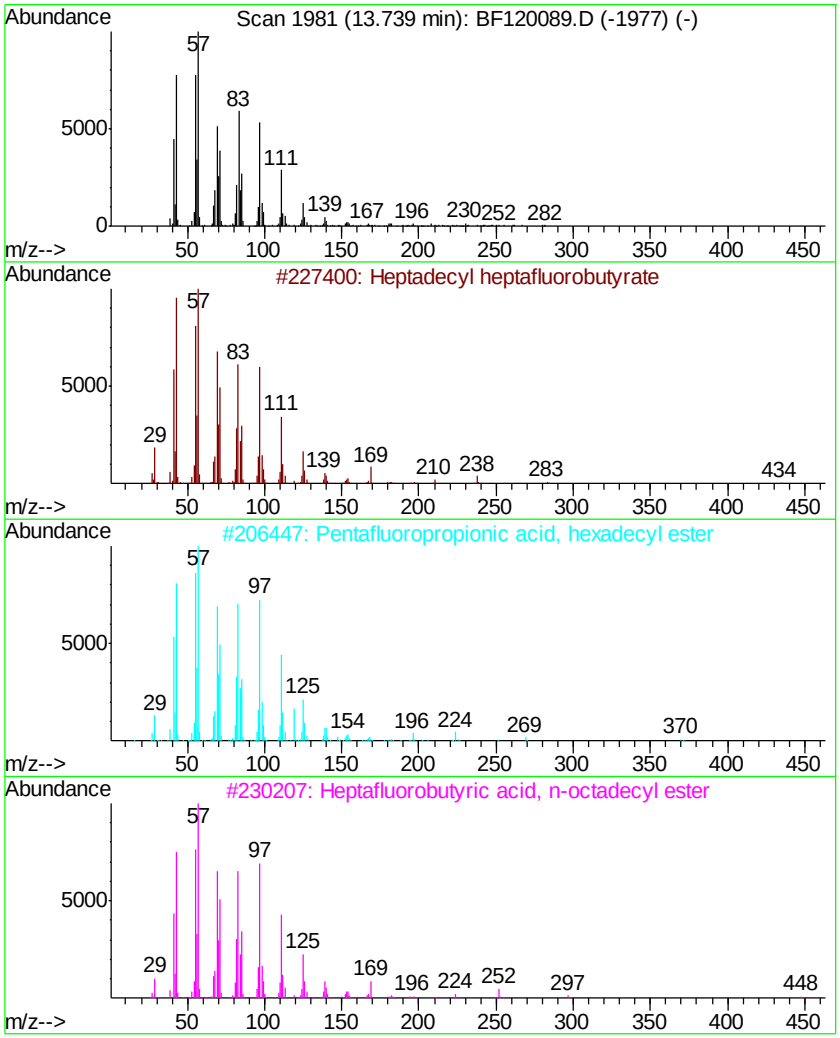
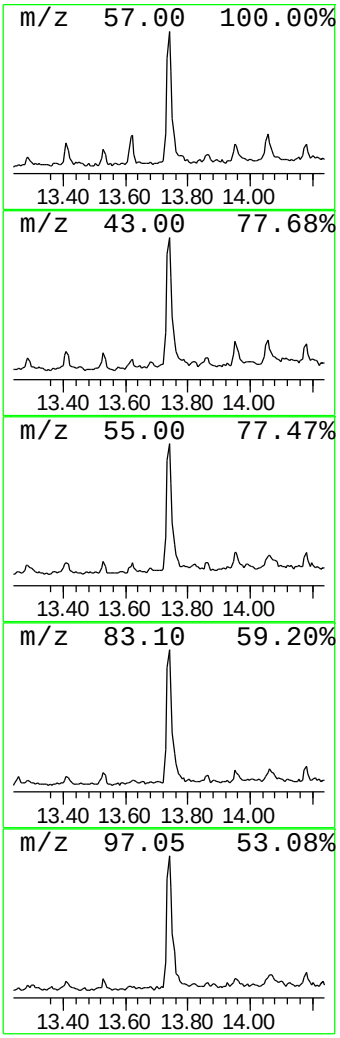
Peak Number 7 Heptadecyl heptafluorobutyrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	14.20 ng	770243	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91





Library Search Compound Report

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Acq On : 20 Apr 2020 20:29
Operator : MA/SJ
Sample : L2314-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-2020-04-15

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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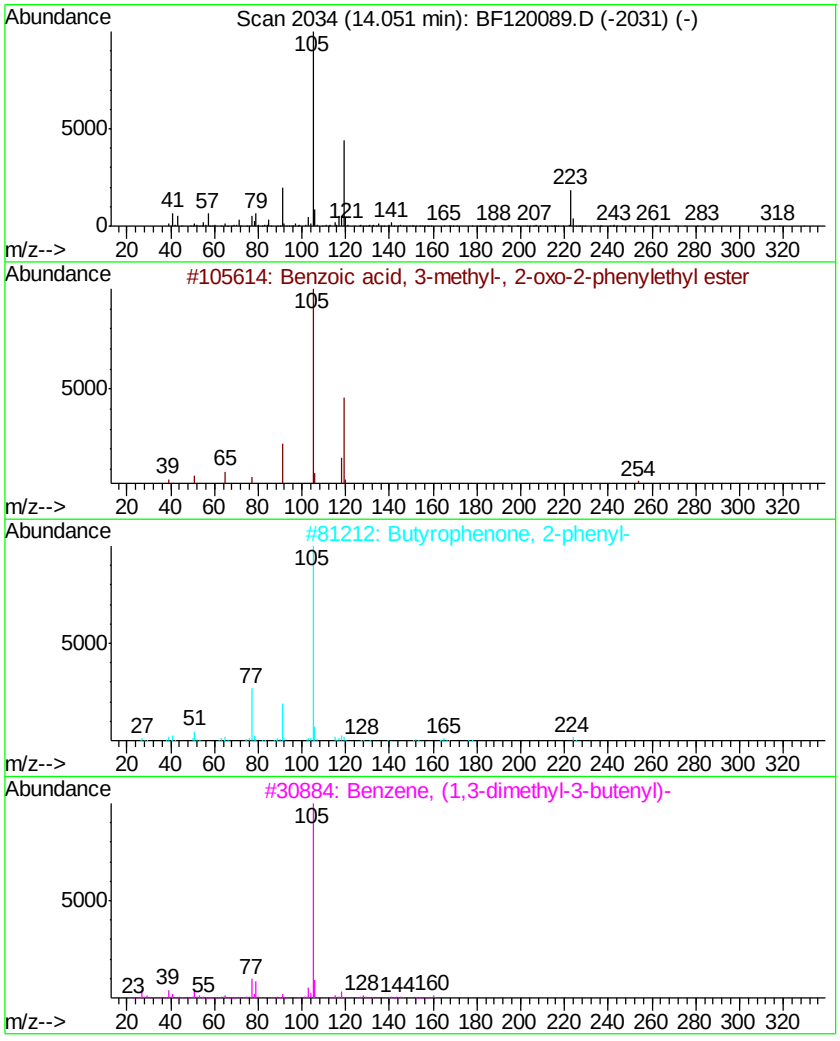
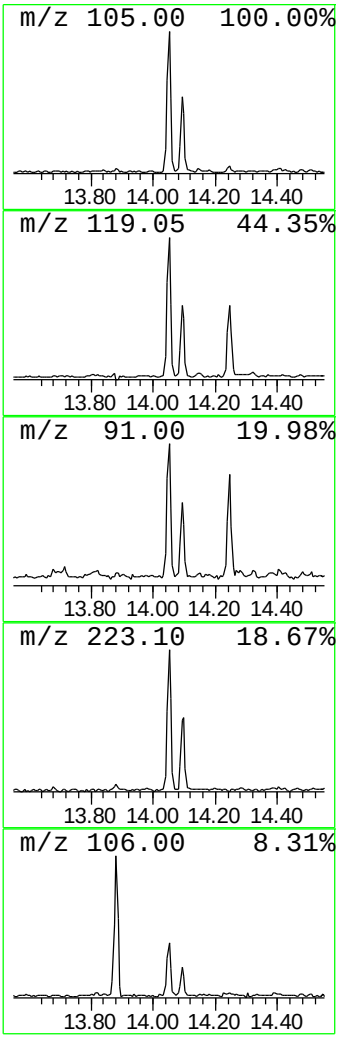
Peak Number 8 unknown14.05 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	7.73 ng	419445	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3-methyl-, 2-oxo-2...	254	C16H14O3	055153-20-3	33
2	Butyrophenone, 2-phenyl-	224	C16H16O	016282-16-9	27
3	Benzene, (1,3-dimethyl-3-butenyl)-	160	C12H16	056851-51-5	22
4	Benzaldehyde, 3-ethoxy-4-[(2-met...	270	C17H18O3	1000338-22-8	14
5	Benzene, (2-ethenyl-1,4,4-trimet...	216	C16H24	074810-76-7	14





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-2020-04-15

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

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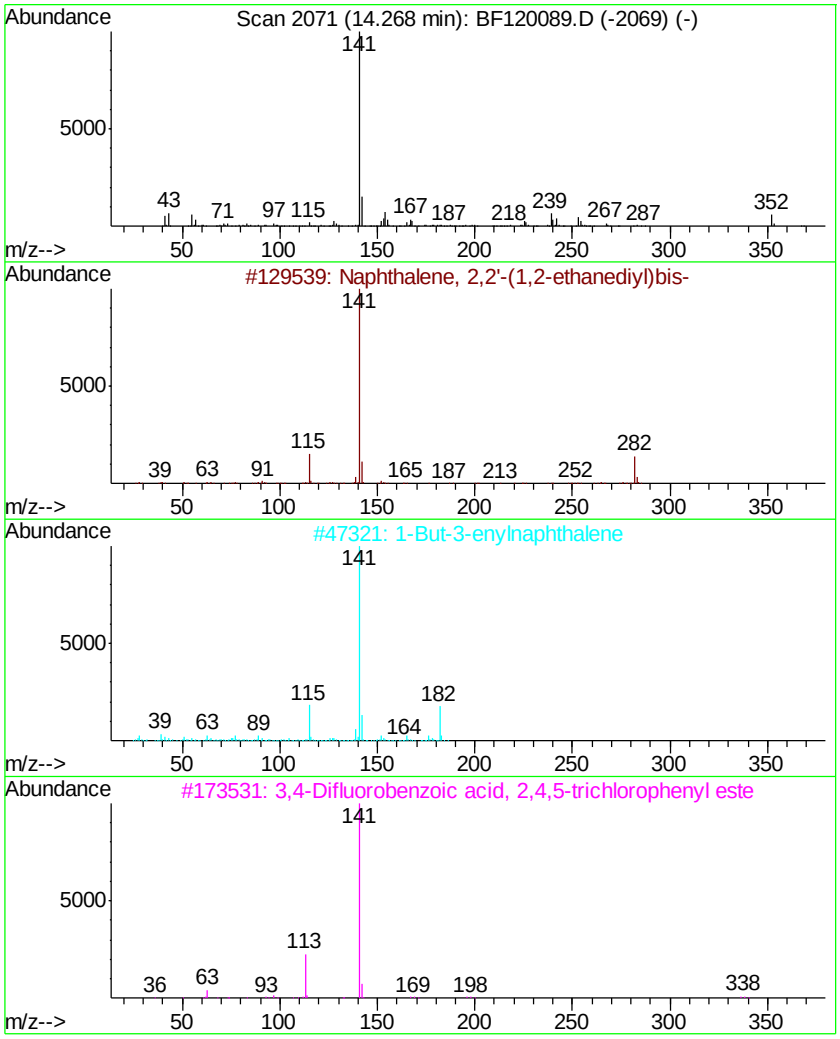
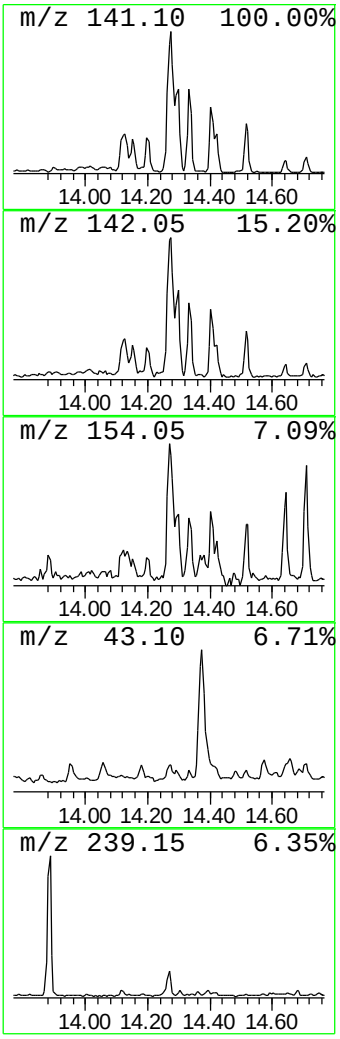
Peak Number 9 Naphthalene, 2,2'-(1,2-etha... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	6.48 ng	351670	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,2'-(1,2-ethanediy...	282	C22H18	021969-45-9	59
2	1-But-3-enylnaphthalene	182	C14H14	002489-88-5	45
3	3,4-Difluorobenzoic acid, 2,4,5-...	336	C13H5Cl3F2O2	1000357-32-1	38
4	3,4-Difluorobenzoic acid, 3-meth...	228	C12H14F2O2	1000357-31-3	38
5	2,5-Difluorobenzoic acid, 2,4-di...	352	C17H8Cl2F2O2	1000331-56-9	38





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Misc :
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ClientSampleId : DUP-2020-04-15

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TIC Library : C:\DATABASE\NIST11.L
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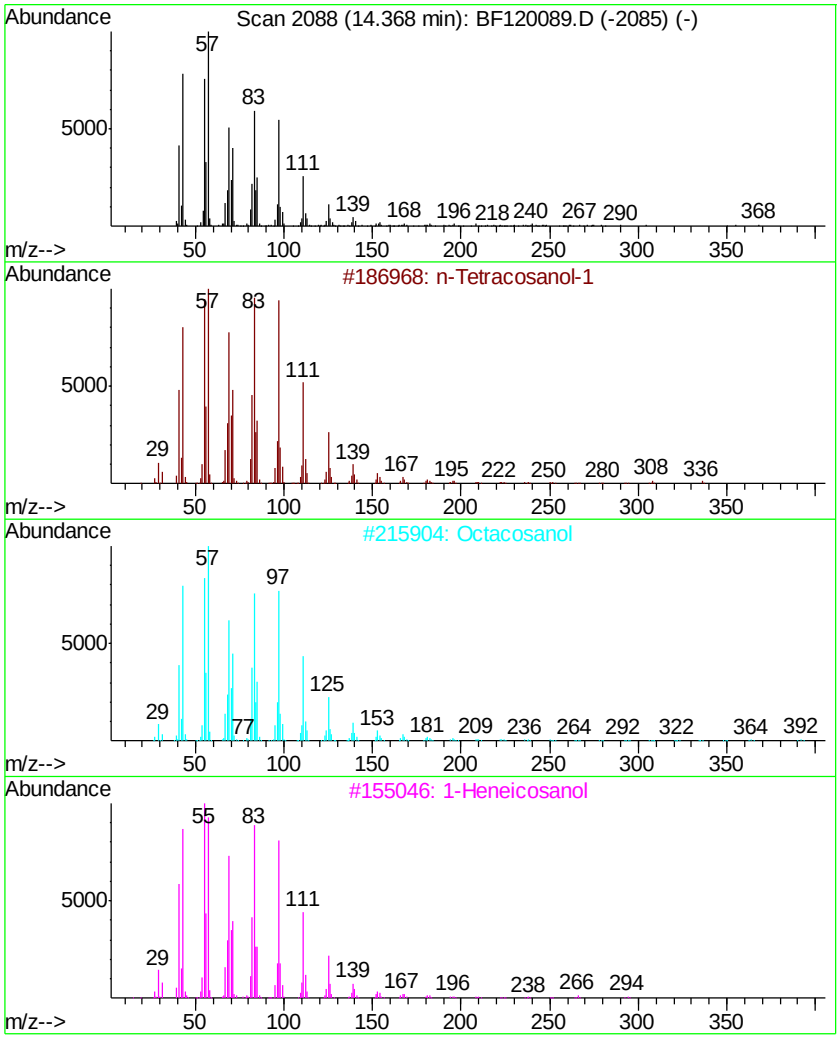
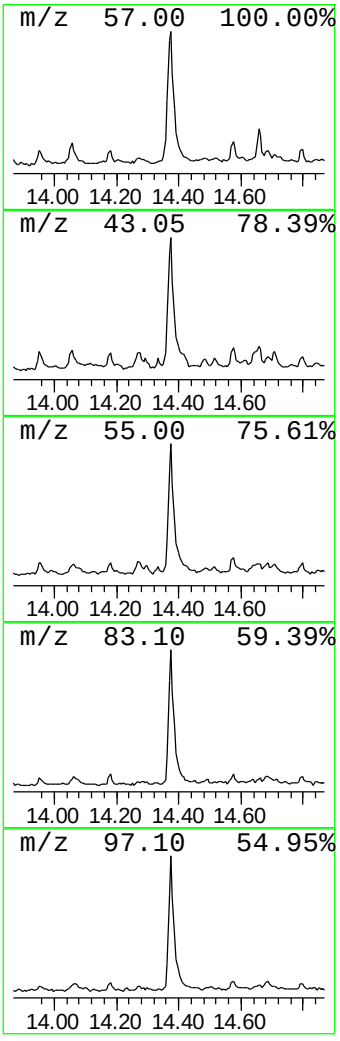
Peak Number 10 n-Tetracosanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	21.06 ng	1142430	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2	Octacosanol	410	C28H58O	000557-61-9	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
5	Cyclotetracosane	336	C24H48	000297-03-0	91





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ClientSampleId : DUP-2020-04-15

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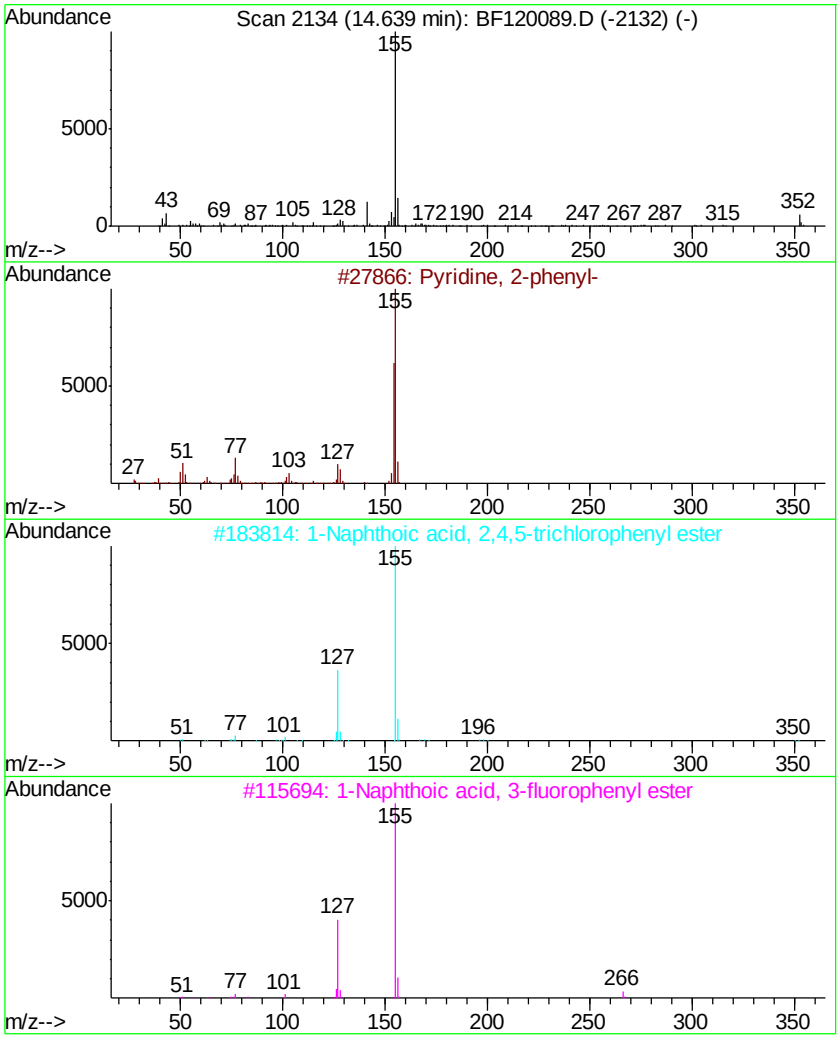
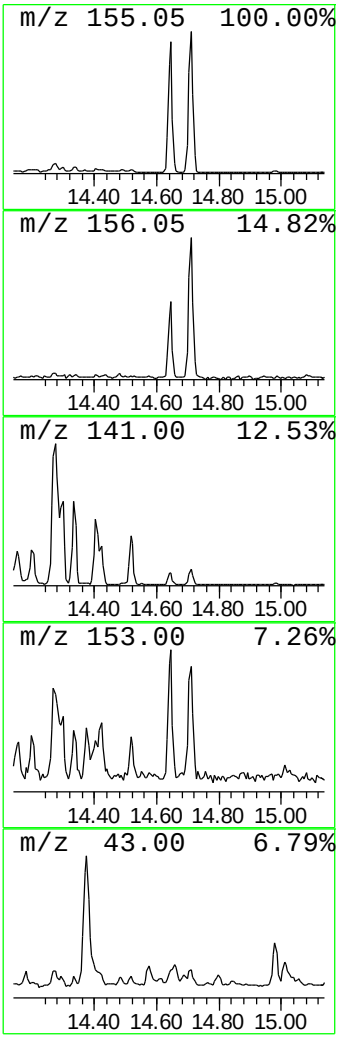
Peak Number 11 Pyridine, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	5.69 ng	348392	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2-phenyl-	155	C11H9N	001008-89-5	59
2	1-Naphthoic acid, 2,4,5-trichlor...	350	C17H9Cl3O2	1000355-69-5	59
3	1-Naphthoic acid, 3-fluorophenyl...	266	C17H11FO2	1000331-17-9	53
4	Ethyl 1-(3-hydroxybutyl)-2-oxocy...	270	C15H26O4	110288-16-9	53
5	3-Chloro-4-fluorobenzonitrile	155	C7H3ClFN	1000343-13-1	45





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ALS Vial : 18 Sample Multiplier: 1

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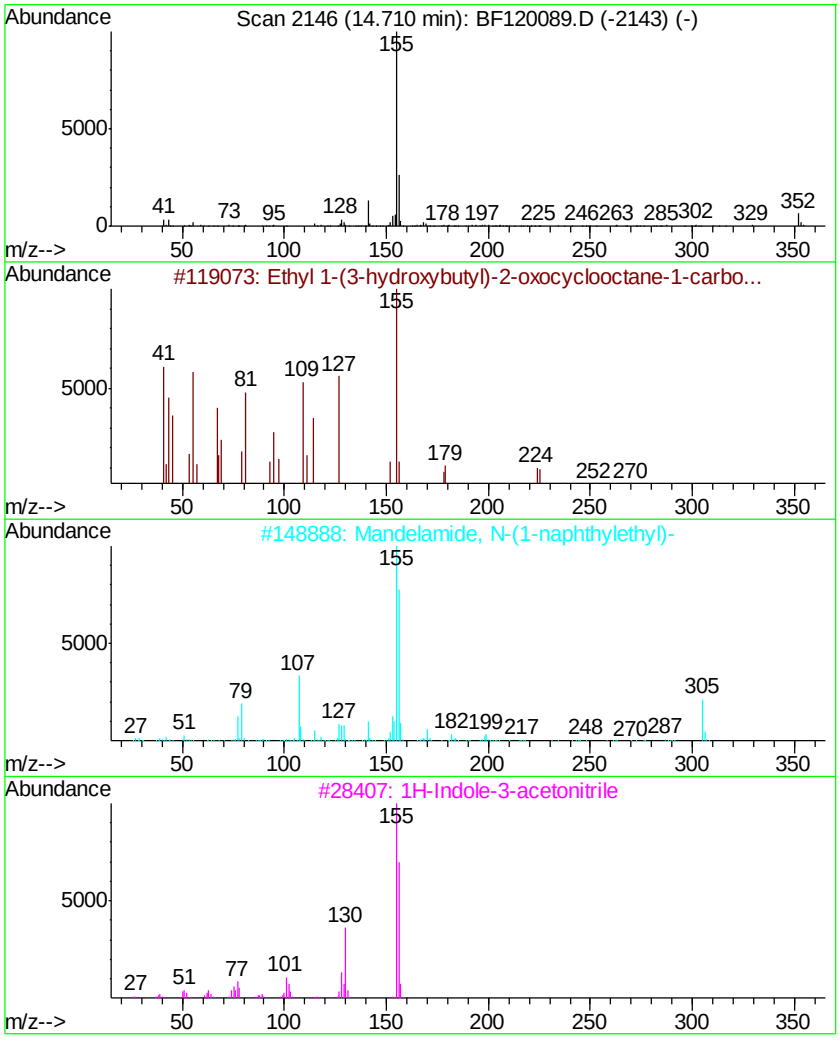
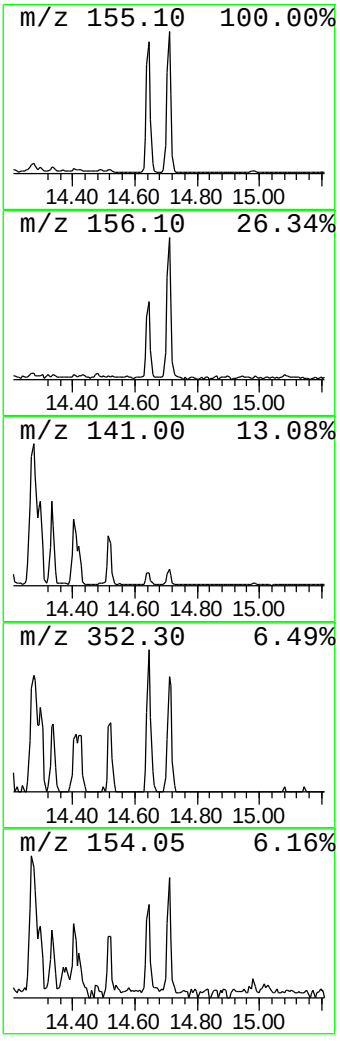
Peak Number 12 Ethyl 1-(3-hydroxybutyl)-2-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	4.60 ng	282096	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl 1-(3-hydroxybutyl)-2-oxocy...	270	C15H26O4	110288-16-9	50
2	Mandelamide, N-(1-naphthylethyl)-	305	C20H19NO2	344875-77-0	10
3	1H-Indole-3-acetonitrile	156	C10H8N2	000771-51-7	10
4	Pyridine, 2-phenyl-	155	C11H9N	001008-89-5	9
5	1,2-Cyclohexanedicarboxylic acid...	284	C16H28O4	1000339-43-9	9





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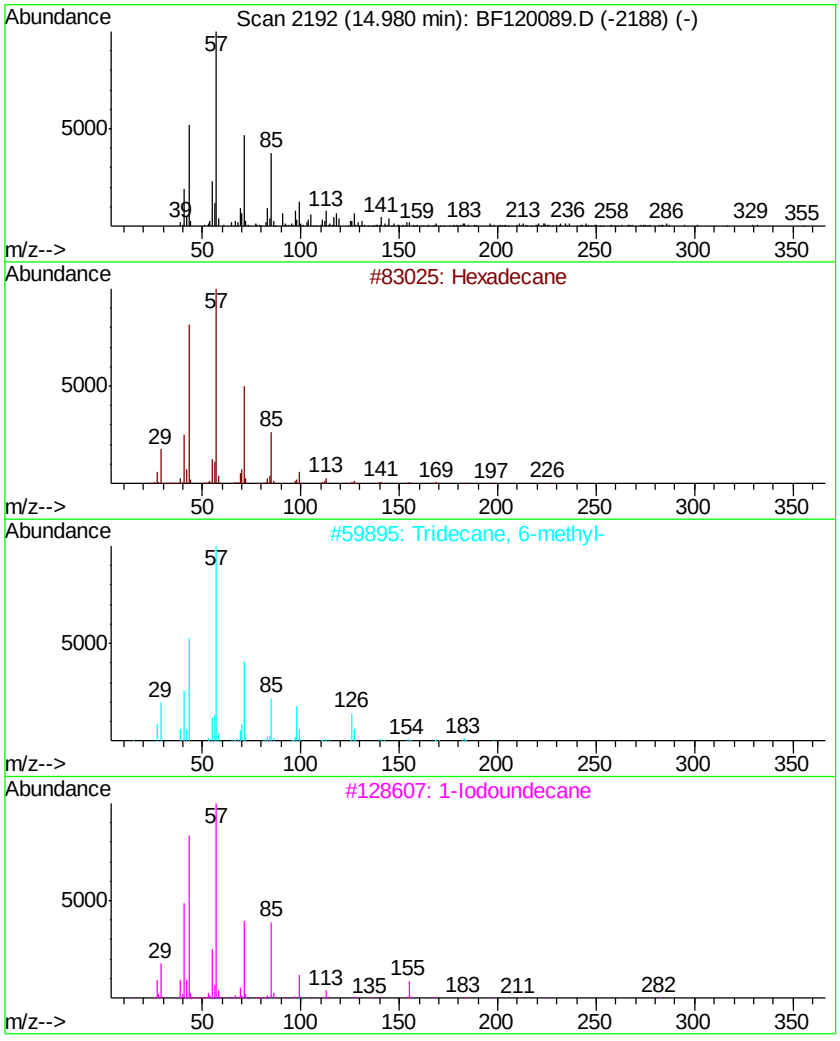
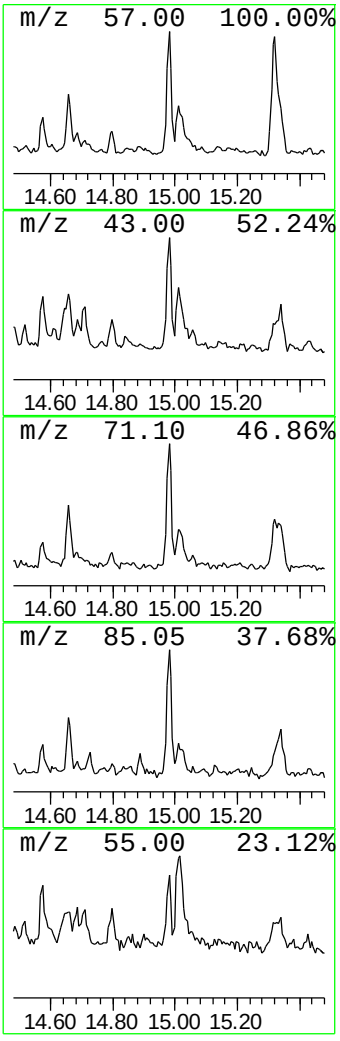
Peak Number 13 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	4.31 ng	263877	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
3	1-Iodoundecane	282	C11H23I	004282-44-4	87
4	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	87
5	Octacosane	394	C28H58	000630-02-4	87





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Sample : L2314-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId : DUP-2020-04-15

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TIC Integration Parameters: LSCINT.P

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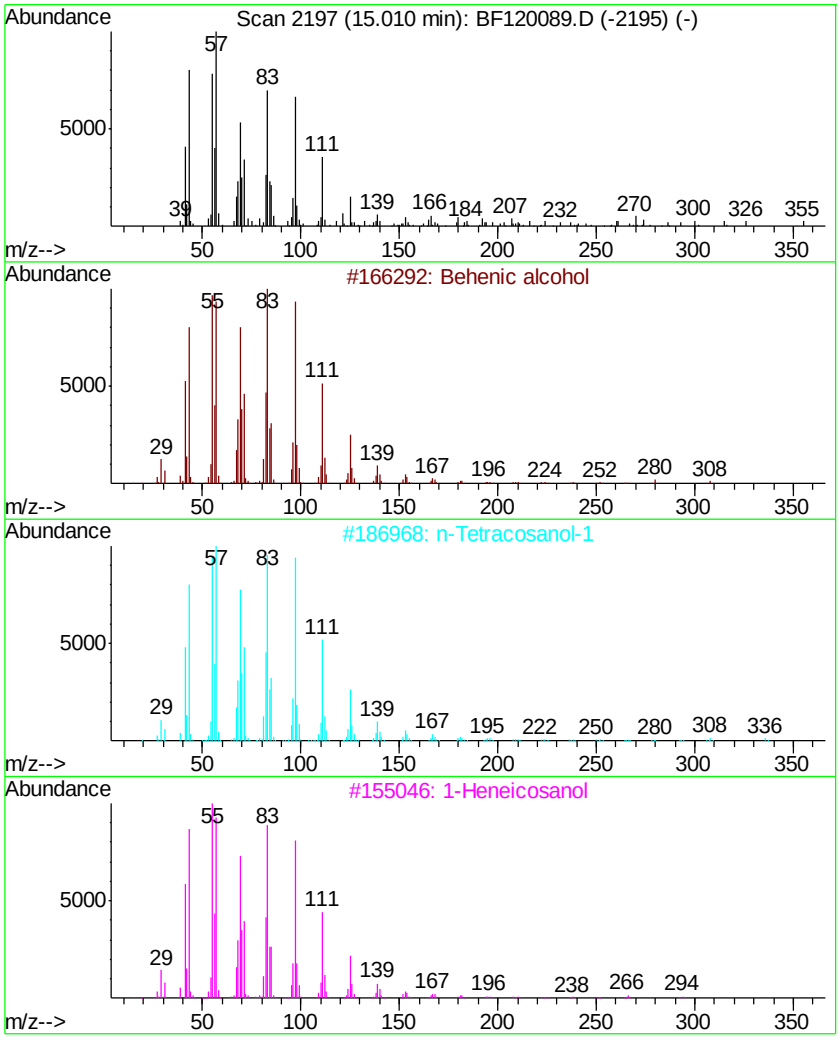
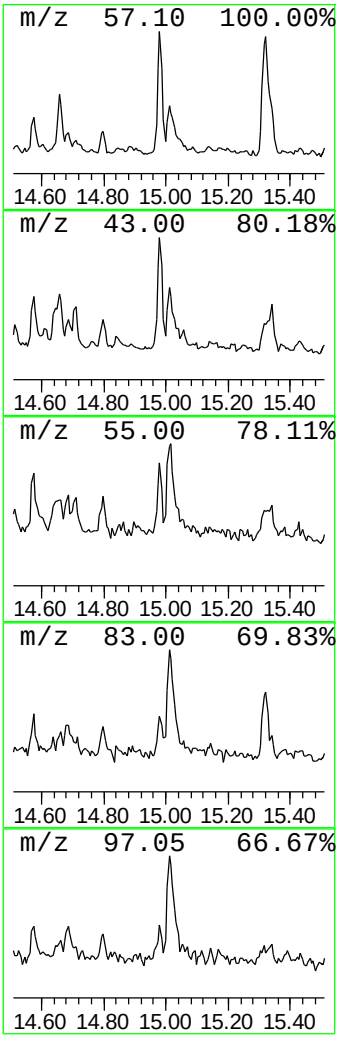
Peak Number 14 Behenic alcohol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	3.28 ng	200812	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	91
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
3	1-Heneicosanol	312	C21H44O	015594-90-8	87
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	87
5	1-Hexadecanol	242	C16H34O	036653-82-4	87





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Instrument : BNA_F
ClientSampleId : DUP-2020-04-15

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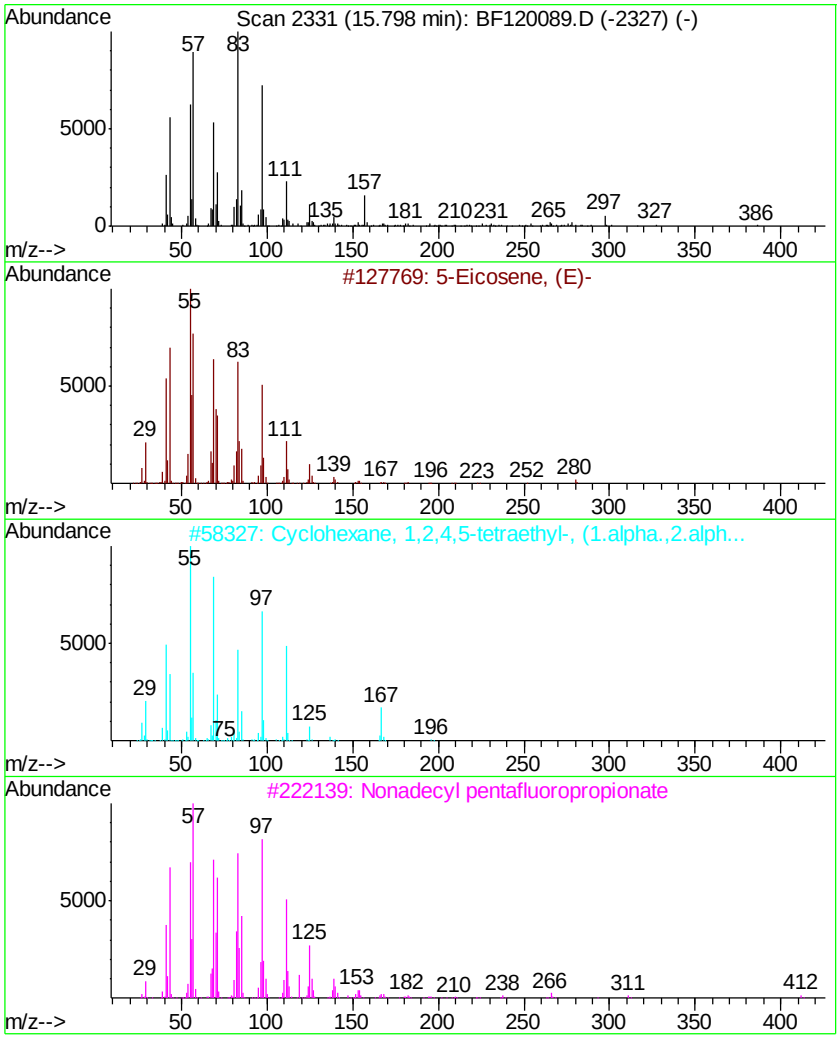
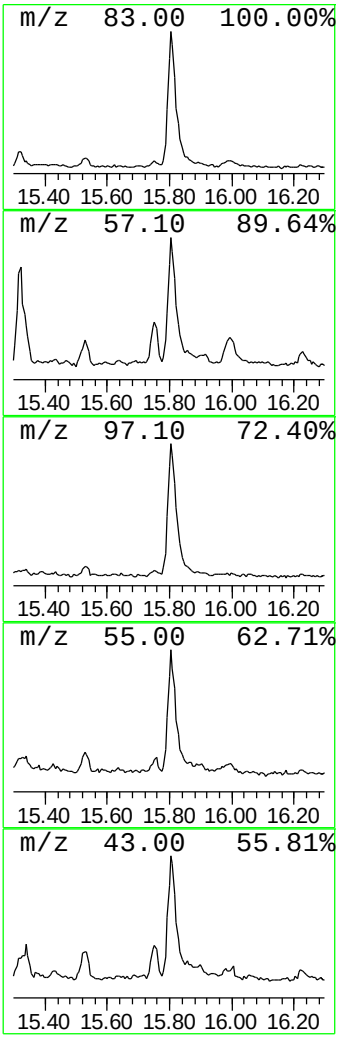
Peak Number 15 5-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	16.30 ng	998524	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	52
2	Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	49
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	46
4	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	46
5	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	46





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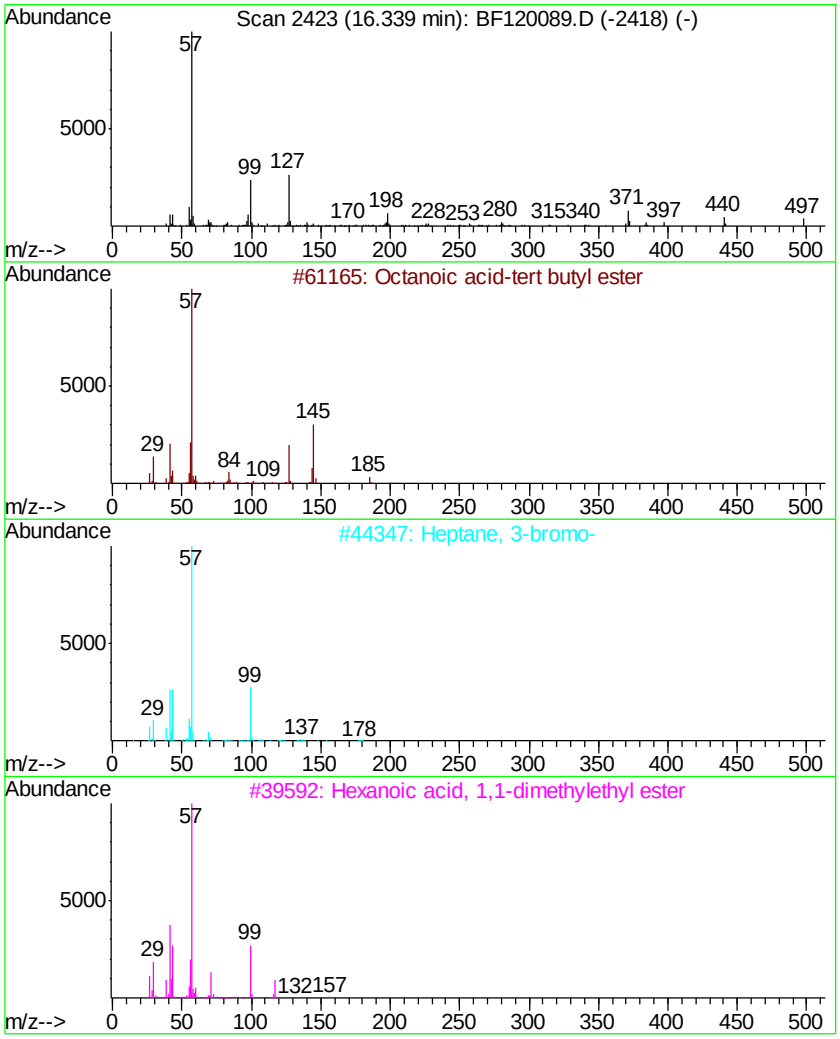
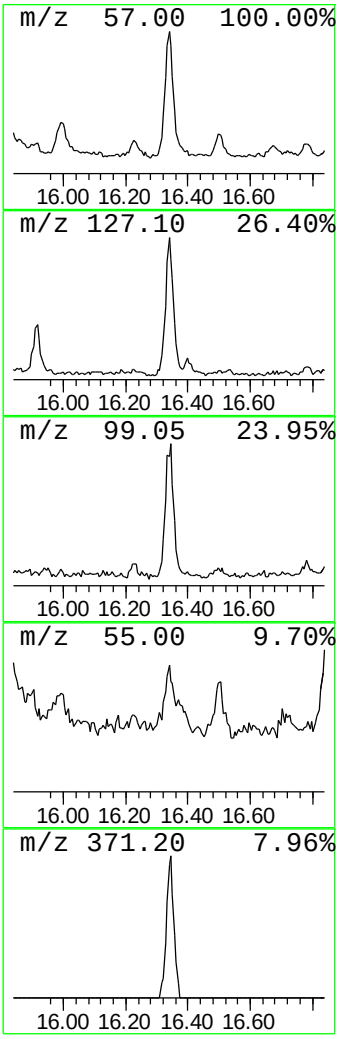
Peak Number 16 unknown16.34 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	8.13 ng	497844	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid-tert butyl ester	200	C12H24O2	005457-66-9	35
2	Heptane, 3-bromo-	178	C7H15Br	001974-05-6	25
3	Hexanoic acid, 1,1-dimethylethyl...	172	C10H20O2	002492-18-4	25
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	25
5	Pentane, 3,3-diethyl-	128	C9H20	001067-20-5	25





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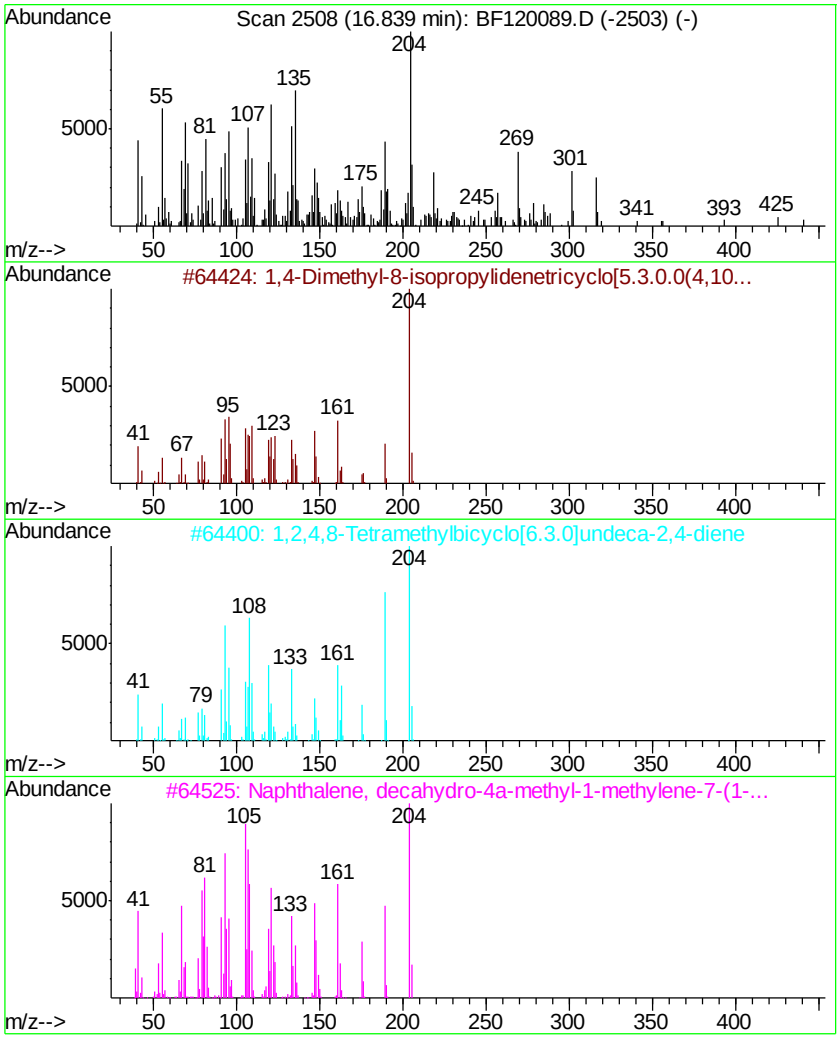
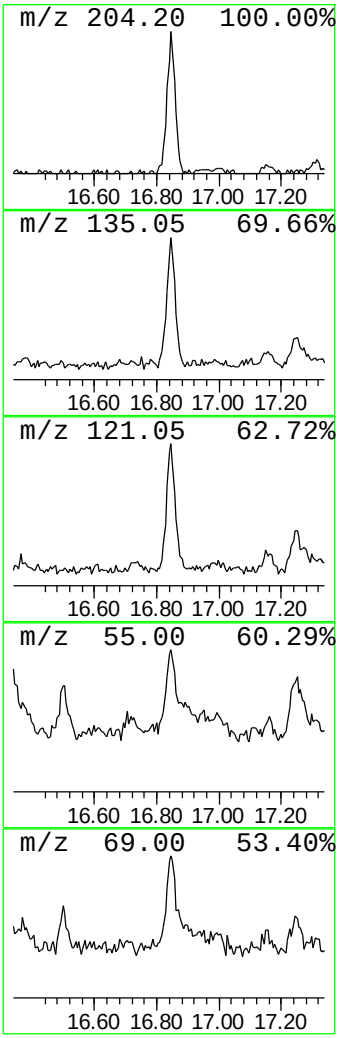
Peak Number 17 1,4-Dimethyl-8-isopropylide... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	10.08 ng	617481	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	55
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
3	Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	46
4	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	45
5	1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	43





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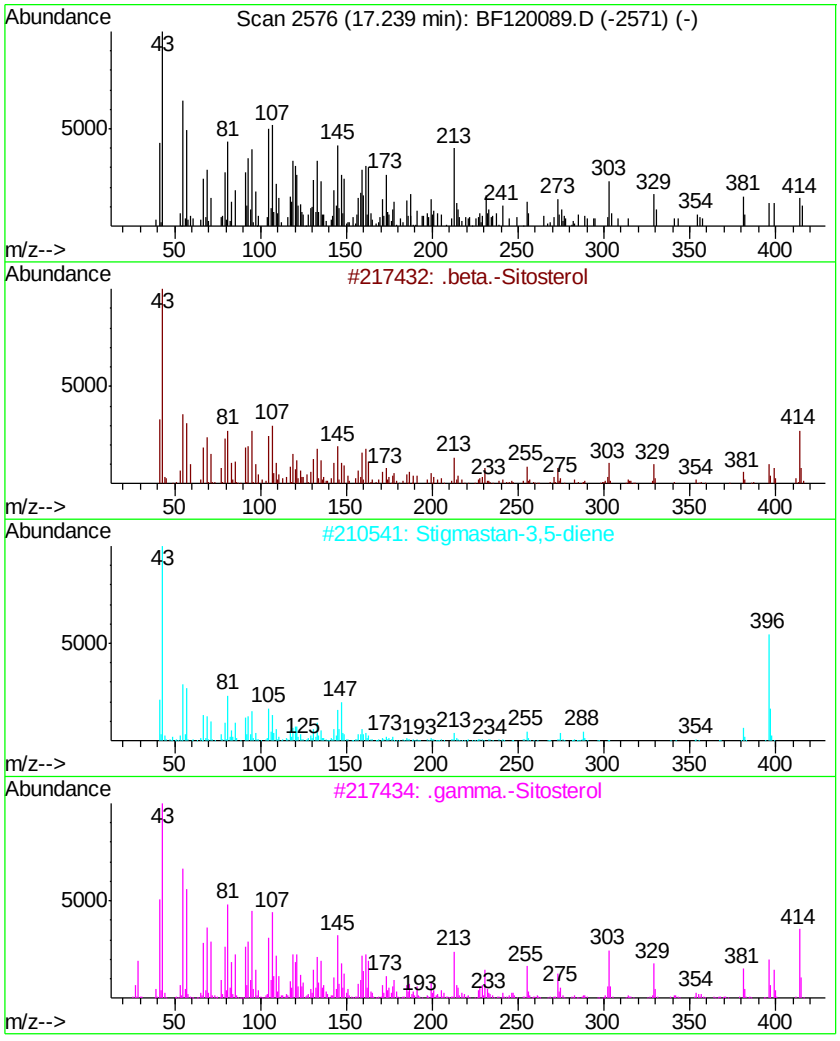
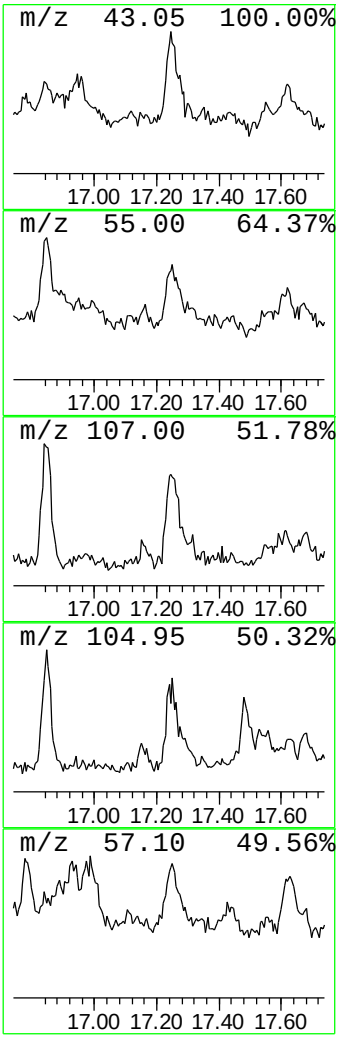
Peak Number 18 .beta.-Sitosterol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.24	8.39 ng	513883	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	91
2	Stigmastan-3,5-diene	396	C29H48	1000214-16-4	42
3	.gamma.-Sitosterol	414	C29H50O	000083-47-6	38
4	Kauren-18-ol, acetate, (4.beta.)-	330	C22H34O2	072150-74-4	35
5	12-Hydroxy-3-keto-bisnor-4-chole...	360	C22H32O4	1000252-01-5	32





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120089.D
Acq On : 20 Apr 2020 20:29
Operator : MA/SJ
Sample : L2314-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-2020-04-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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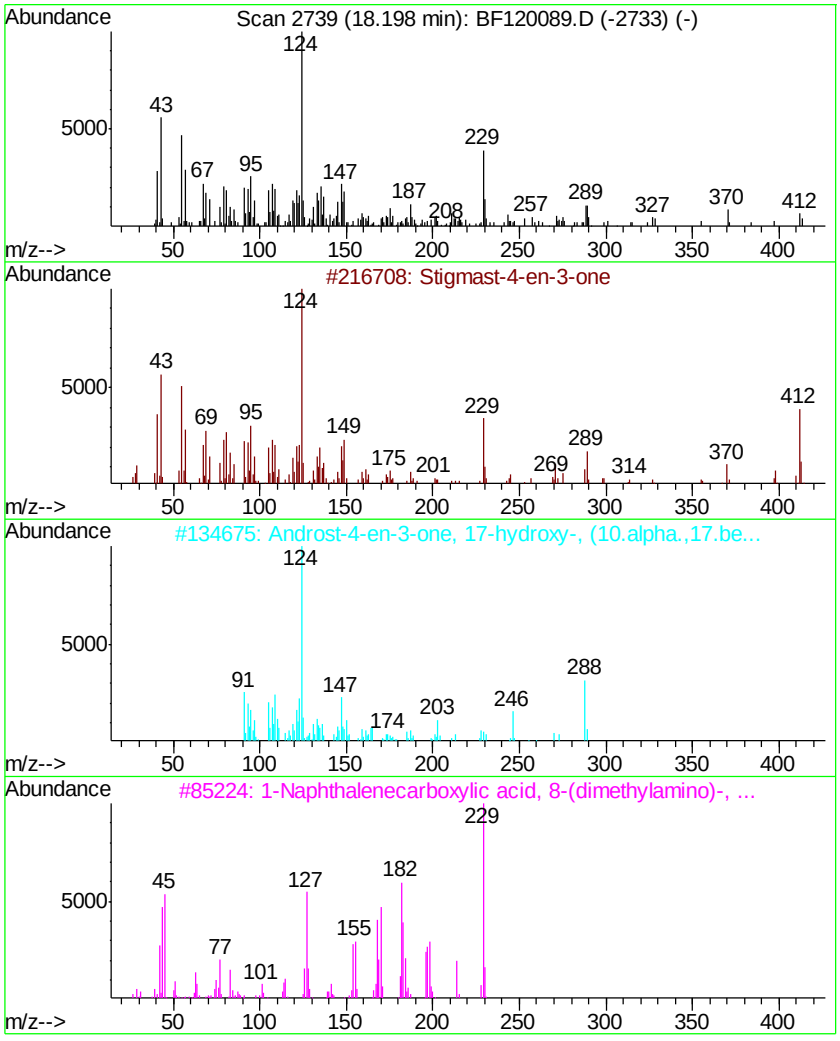
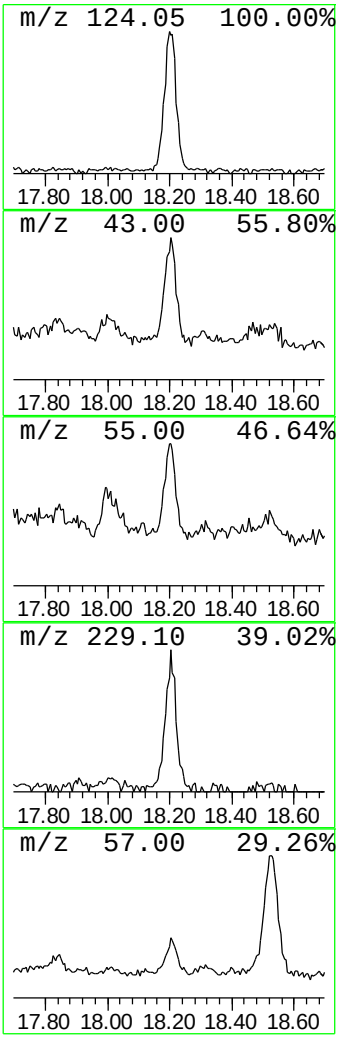
Peak Number 19 Stigmast-4-en-3-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	9.86 ng	603887	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	83
2	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	70
3	1-Naphthalenecarboxylic acid, 8-...	229	C14H15NO2	069674-55-1	53
4	Testosterone	288	C19H28O2	000058-22-0	49
5	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000481-30-1	38





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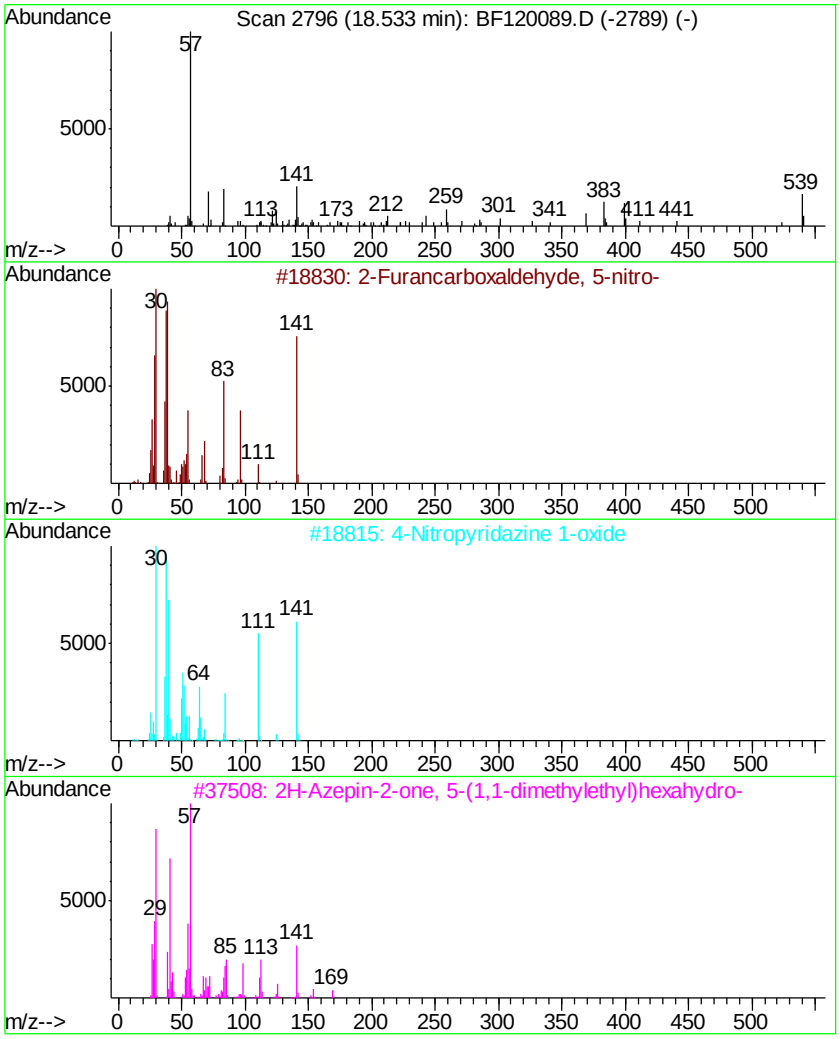
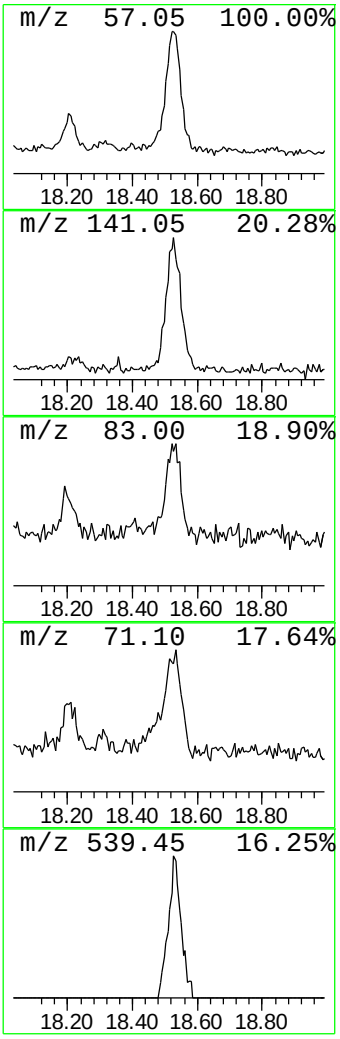
****

Peak Number 20 unknown18.53 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	4.85 ng	297376	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Furancarboxaldehyde, 5-nitro-	141	C5H3NO4	000698-63-5	4
2	4-Nitropyridazine 1-oxide	141	C4H3N3O3	028147-45-7	2
3	2H-Azepin-2-one, 5-(1,1-dimethyl...	169	C10H19NO	032741-89-2	1
4	Cyclohexadecane-1,2,9,10-tetraca...	624	C36H64O8	1000187-91-1	1
5	Acetic acid, trifluoro-, ethyl e...	142	C4H5F3O2	000383-63-1	1





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument : BNA_F
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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Tridecanoic acid	11.78	10.3	ng	703809	4	11.24	1363800	20.0
Octadecanoic acid	12.56	7.0	ng	377083	5	13.88	1085190	20.0
Phenol, 4,4'-(1-m...	12.72	3.1	ng	167465	5	13.88	1085190	20.0
unknown13.26	13.26	6.3	ng	339185	5	13.88	1085190	20.0
unknown13.41	13.41	3.7	ng	198699	5	13.88	1085190	20.0
Heptadecyl heptaf...	13.74	14.2	ng	770243	5	13.88	1085190	20.0
unknown14.05	14.05	7.7	ng	419445	5	13.88	1085190	20.0
Naphthalene, 2,2'...	14.27	6.5	ng	351670	5	13.88	1085190	20.0
n-Tetracosanol-1	14.37	21.1	ng	1142430	5	13.88	1085190	20.0
Pyridine, 2-phenyl-	14.64	5.7	ng	348392	6	15.31	1225250	20.0
Ethyl 1-(3-hydrox...	14.71	4.6	ng	282096	6	15.31	1225250	20.0
Hexadecane	14.98	4.3	ng	263877	6	15.31	1225250	20.0
Behenic alcohol	15.01	3.3	ng	200812	6	15.31	1225250	20.0
5-Eicosene, (E)-	15.80	16.3	ng	998524	6	15.31	1225250	20.0
unknown16.34	16.34	8.1	ng	497844	6	15.31	1225250	20.0
1,4-Dimethyl-8-is...	16.84	10.1	ng	617481	6	15.31	1225250	20.0
.beta.-Sitosterol	17.24	8.4	ng	513883	6	15.31	1225250	20.0
Stigmast-4-en-3-one	18.20	9.9	ng	603887	6	15.31	1225250	20.0
unknown18.53	18.53	4.8	ng	297376	6	15.31	1225250	20.0