LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
Data File : BF119305.D
Acq On : 10 Mar 2020 1:53
Operator : CG/JU
Sample : L1778-23
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S9

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-BF022020.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	4.916	478	481	497	rVB	147007	208265	8.37%	0.799%
2	5.351	552	555	578	rBV	1531590	1850841	74.37%	7.104%
3	6.381	727	730	742	rBV	1710919	1738464	69.85%	6.673%
4	6.722	785	788	797	rBV	688060	601273	24.16%	2.308%
5	6.880	811	815	830	rVB	1867835	1713518	68.85%	6.577%
6	7.286	881	884	896	rBV	1185231	1214306	48.79%	4.661%
7	7.928	984	993	1001	rBV6	26433	59147	2.38%	0.227%
8	8.004	1002	1006	1013	rBV	884617	787115	31.63%	3.021%
9	9.080	1185	1189	1192	rBV	2909266	2488729	100.00%	9.553%
10	9.410	1242	1245	1250	rBV2	157058	144982	5.83%	0.556%
11	9.474	1250	1256	1260	rBV	130170	130617	5.25%	0.501%
12	9.604	1274	1278	1279	rBV	36416	35907	1.44%	0.138%
13	9.621	1279	1281	1285	rVB	66347	60610	2.44%	0.233%
14	9.757	1296	1304	1308	rBV	1095309	1163411	46.75%	4.466%
15	10.269	1387	1391	1394	rBV3	36145	35724	1.44%	0.137%
16	10.327	1394	1401	1403	rBV5	20523	29649	1.19%	0.114%
17	10.551	1435	1439	1448	rBV	1578349	1522615	61.18%	5.844%
18	10.674	1456	1460	1464	rVB5	24094	35255	1.42%	0.135%
19	10.927	1498	1503	1504	rBV5	33356	48001	1.93%	0.184%
20	11.104	1531	1533	1537	rVB	45270	32322	1.30%	0.124%
21	11.239	1553	1556	1559	rBV	951484	893802	35.91%	3.431%
22	11.263	1559	1560	1563	rVV	96973	85851	3.45%	0.330%
23	11.298	1563	1566	1568	rVV	48784	48824	1.96%	0.187%
24	11.321	1568	1570	1572	rVB	62781	51384	2.06%	0.197%
25	11.704	1632	1635	1638	rBV4	33537	41584	1.67%	0.160%
26	11.739	1638	1641	1643	rVV2	77350	84802	3.41%	0.326%
27	11.774	1644	1647	1654	rVB	430246	443557	17.82%	1.703%
28	12.080	1697	1699	1706	rVB3	24199	30733	1.23%	0.118%
29	12.392	1750	1752	1755	rBV3	47431	48447	1.95%	0.186%
30	12.433	1756	1759	1761	rBV	170896	156848	6.30%	0.602%
31	12.457	1761	1763	1765	rVB	297096	228428	9.18%	0.877%
32	12.557	1777	1780	1786	rBV	138350	177328	7.13%	0.681%
33	12.686	1796	1802	1805	rBV	391054	419170	16.84%	1.609%
34	12.721	1805	1808	1814	rVB2	73518	114078	4.58%	0.438%

LSC Area Percent Report

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Acq On : 10 Mar 2020 1:53
Operator : CG/JU
Sample : L1778-23
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S9

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-BF022020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.821	1821	1825	1829	rBV	2571907	2254180	90.58%	8.652%
36	12.857	1829	1831	1835	rVB	73778	61237	2.46%	0.235%
37	13.051	1862	1864	1867	rBV3	46027	50716	2.04%	0.195%
38	13.210	1889	1891	1894	rBV	46246	37455	1.50%	0.144%
39	13.686	1970	1972	1976	rBV2	82534	77310	3.11%	0.297%
40	13.727	1976	1979	1988	rVB3	192294	324315	13.03%	1.245%
41	13.886	2002	2006	2009	rBV2	787076	1000952	40.22%	3.842%
42	13.909	2009	2010	2013	rVB	239365	149469	6.01%	0.574%
43	14.909	2176	2180	2183	rBV	493487	714139	28.69%	2.741%
44	14.951	2185	2187	2193	rVB	617503	627136	25.20%	2.407%
45	15.198	2226	2229	2233	rVB	284147	287466	11.55%	1.103%
46	15.262	2237	2240	2243	rVB	182736	209506	8.42%	0.804%
47	15.315	2245	2249	2253	rVB	528276	615007	24.71%	2.361%
48	15.715	2311	2317	2323	rVB	1239666	1920811	77.18%	7.373%
49	15.786	2326	2329	2339	rVB5	126726	275855	11.08%	1.059%
50	16.721	2483	2488	2497	rVB3	236001	567521	22.80%	2.178%
51	17.162	2559	2563	2569	rVB	83239	153991	6.19%	0.591%

Sum of corrected areas: 26052653

LSC Report - Integrated Chromatogram

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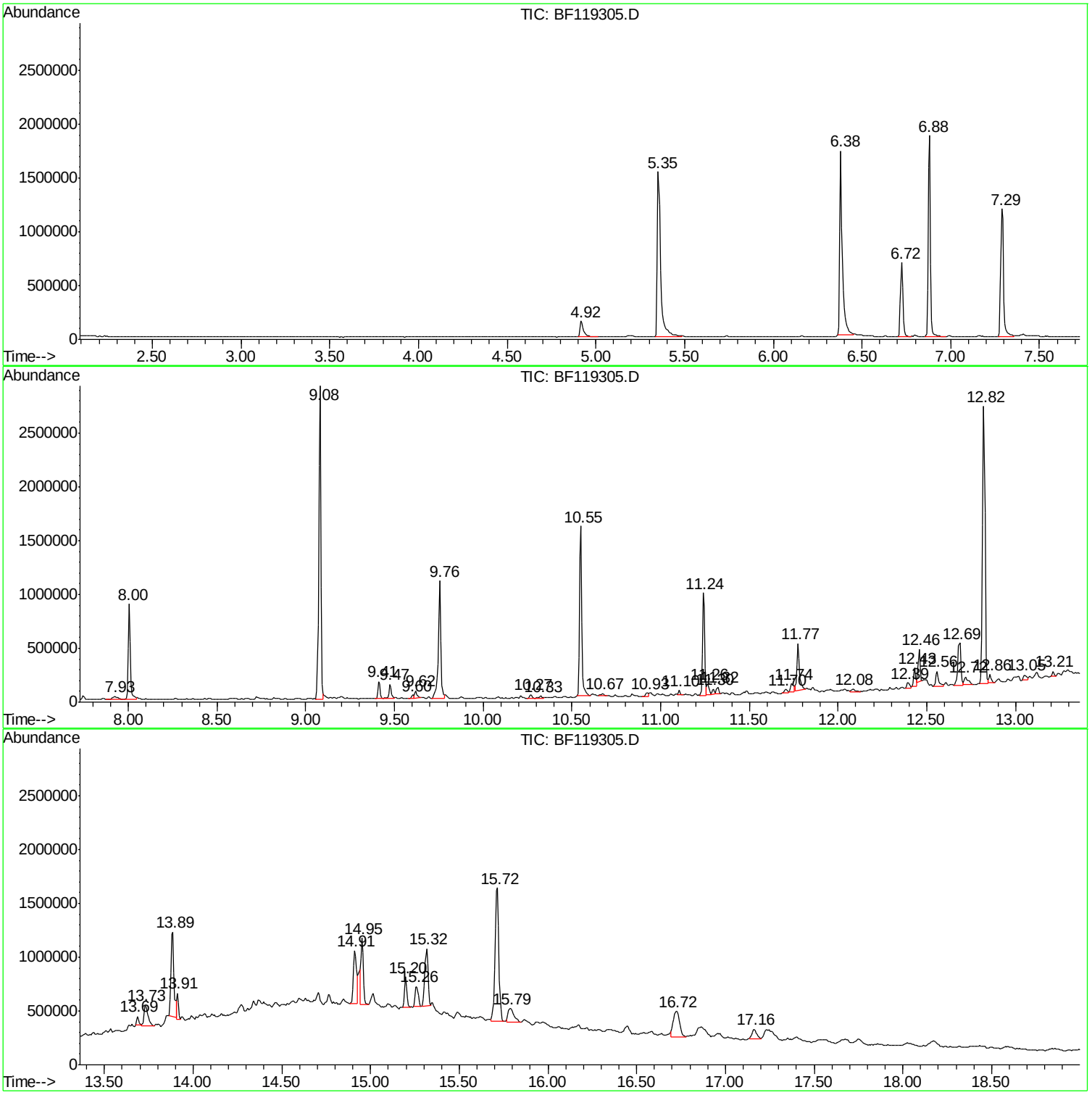
Acq On : 10 Mar 2020 1:53
Operator : CG/JU
Sample : L1778-23
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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\BF030920\
Data File : BF119305.D
Acq On : 10 Mar 2020 1:53
Operator : CG/JU
Sample : L1778-23
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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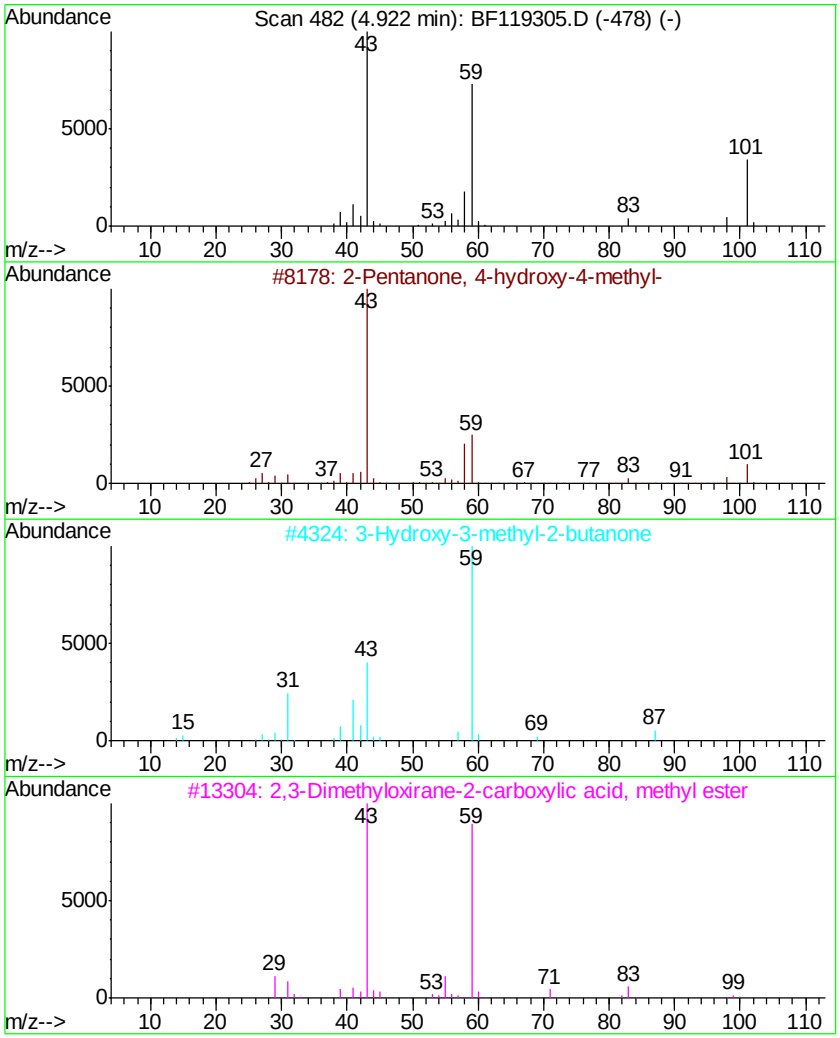
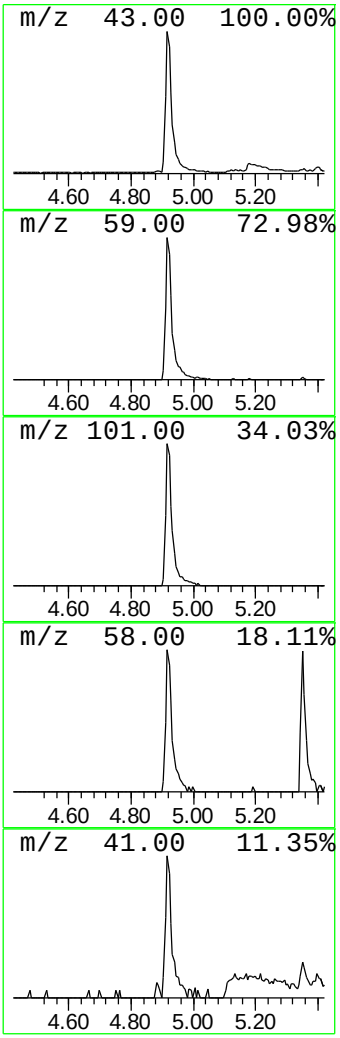
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	6.93 ng	208265	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	38
3	2,3-Dimethyloxirane-2-carboxylic...	130	C6H10O3	1000306-64-4	36
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	35
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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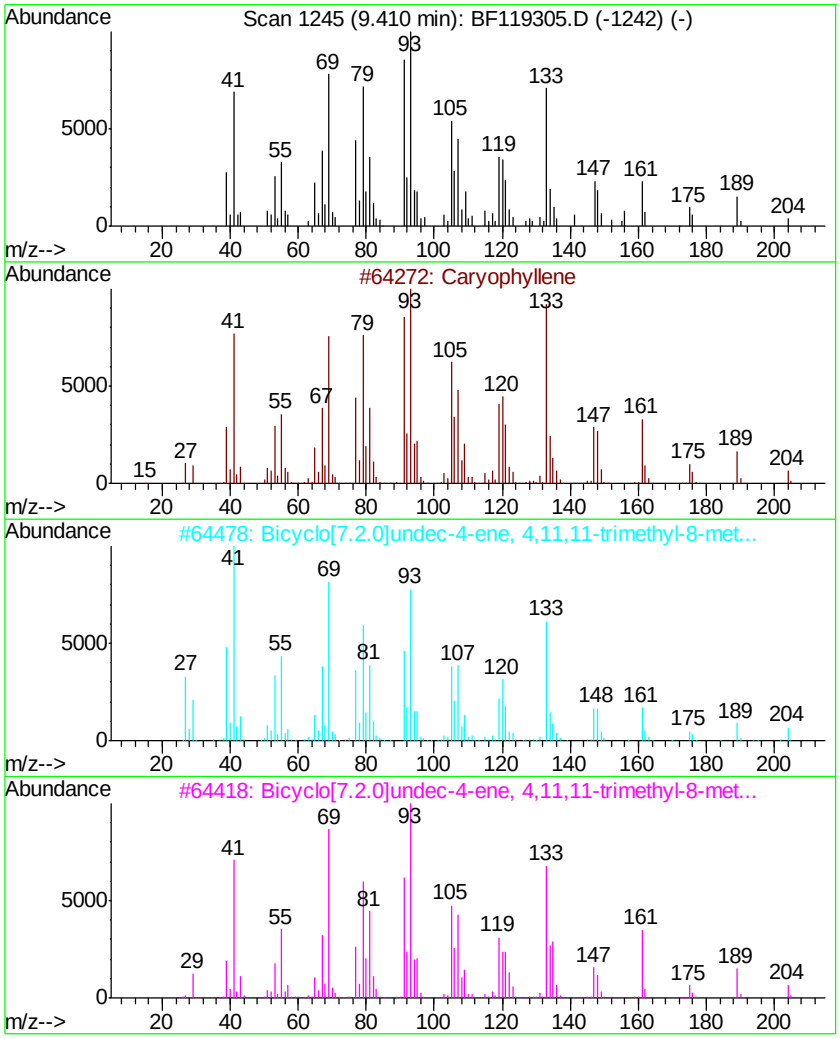
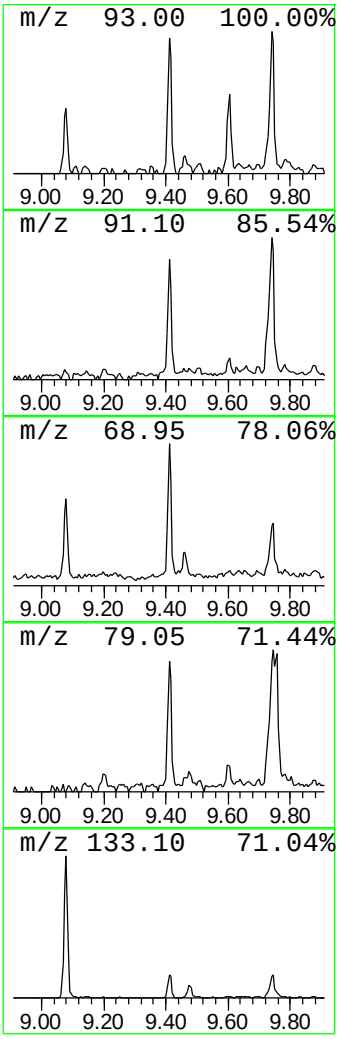
Peak Number 3 Caryophyllene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	2.49 ng	144982	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caryophyllene	204	C15H24	000087-44-5	99
2	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	99
3	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	013877-93-5	93
4	Bicyclo[5.2.0]nonane, 2-methylen...	204	C15H24	242794-76-9	78
5	Alloaromadendrene	204	C15H24	025246-27-9	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
Data File : BF119305.D
Acq On : 10 Mar 2020 1:53
Operator : CG/JU
Sample : L1778-23
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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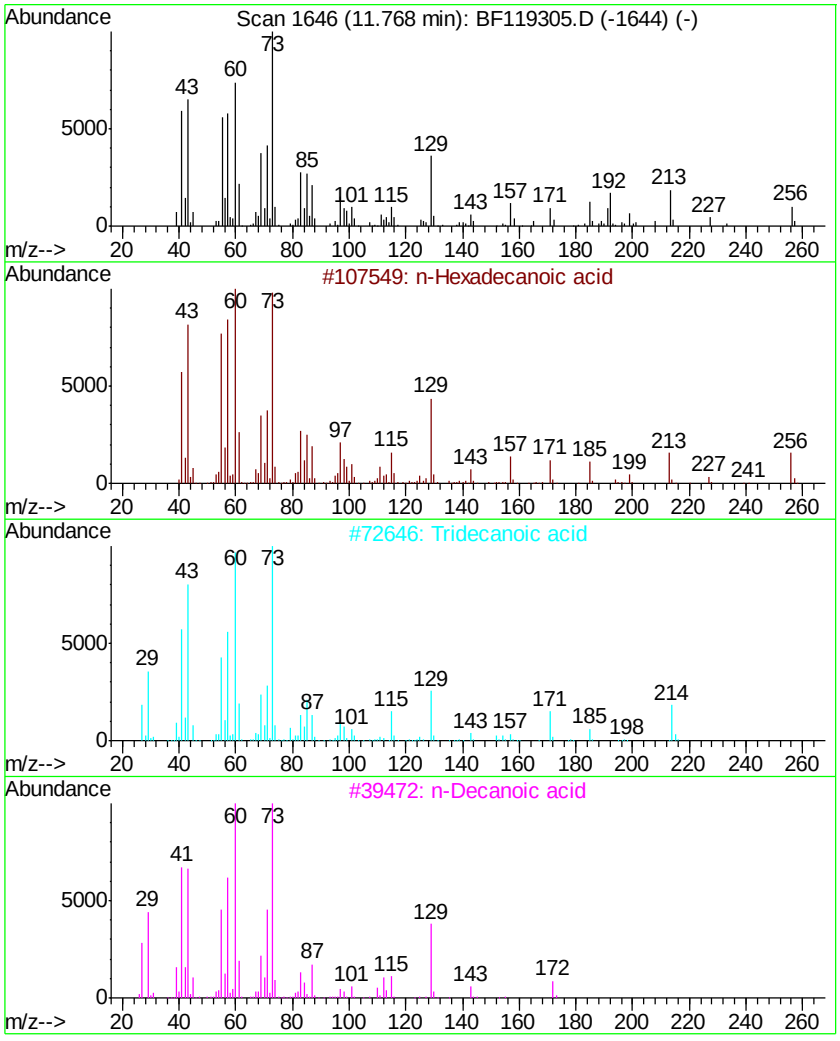
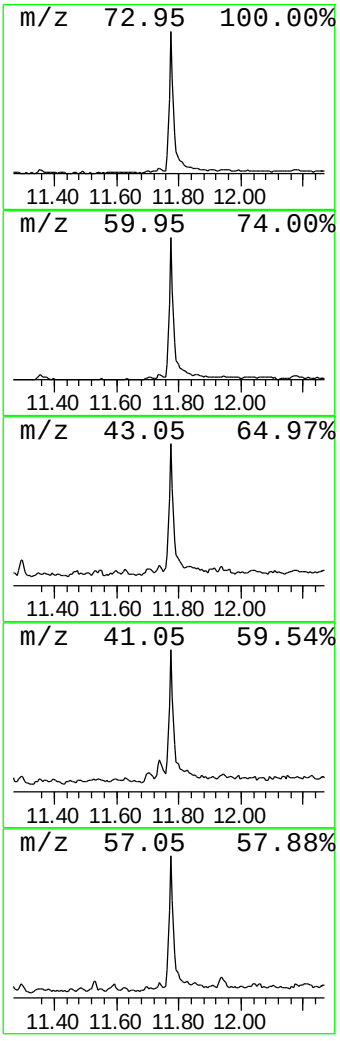
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	9.93 ng	443557	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	n-Decanoic acid	172	C10H20O2	000334-48-5	70
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5	Nonanoic acid	158	C9H18O2	000112-05-0	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
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Sample : L1778-23
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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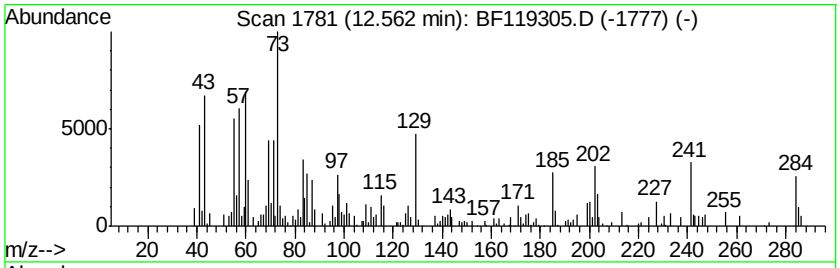
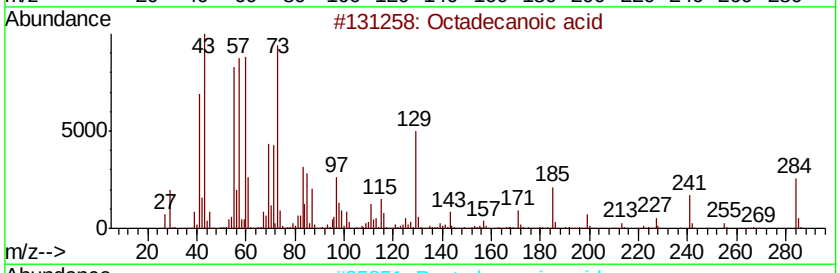
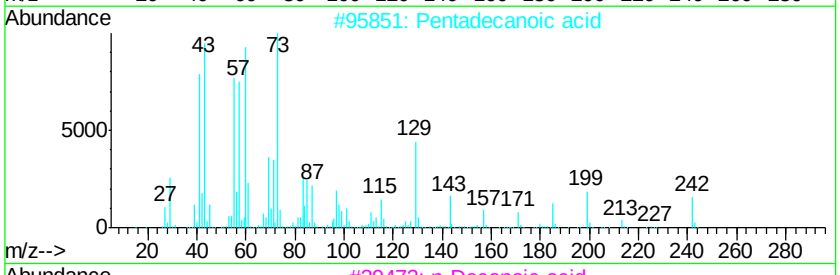
Peak Number 5 Octadecanoic acid Concentration Rank 8

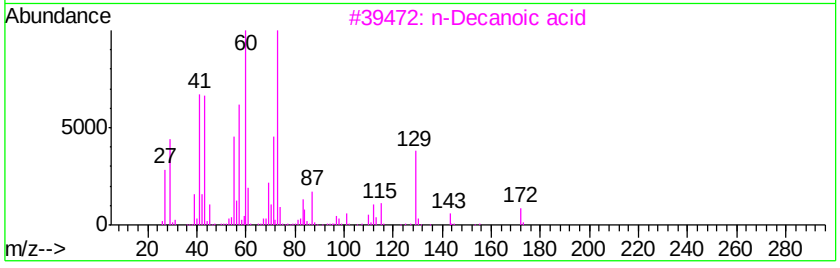
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	3.97 ng	177328	Phenanthrene-d10	11.24

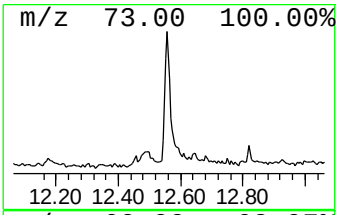
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	n-Decanoic acid	172	C10H20O2	000334-48-5	50
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	49
5	Dodecanoic acid	200	C12H24O2	000143-07-7	38

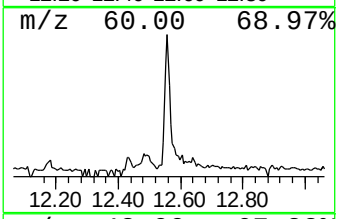


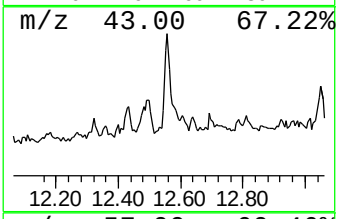


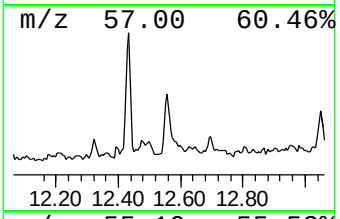


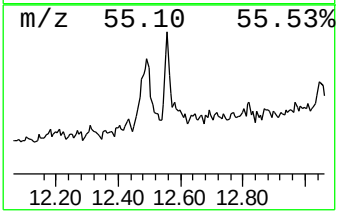












Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

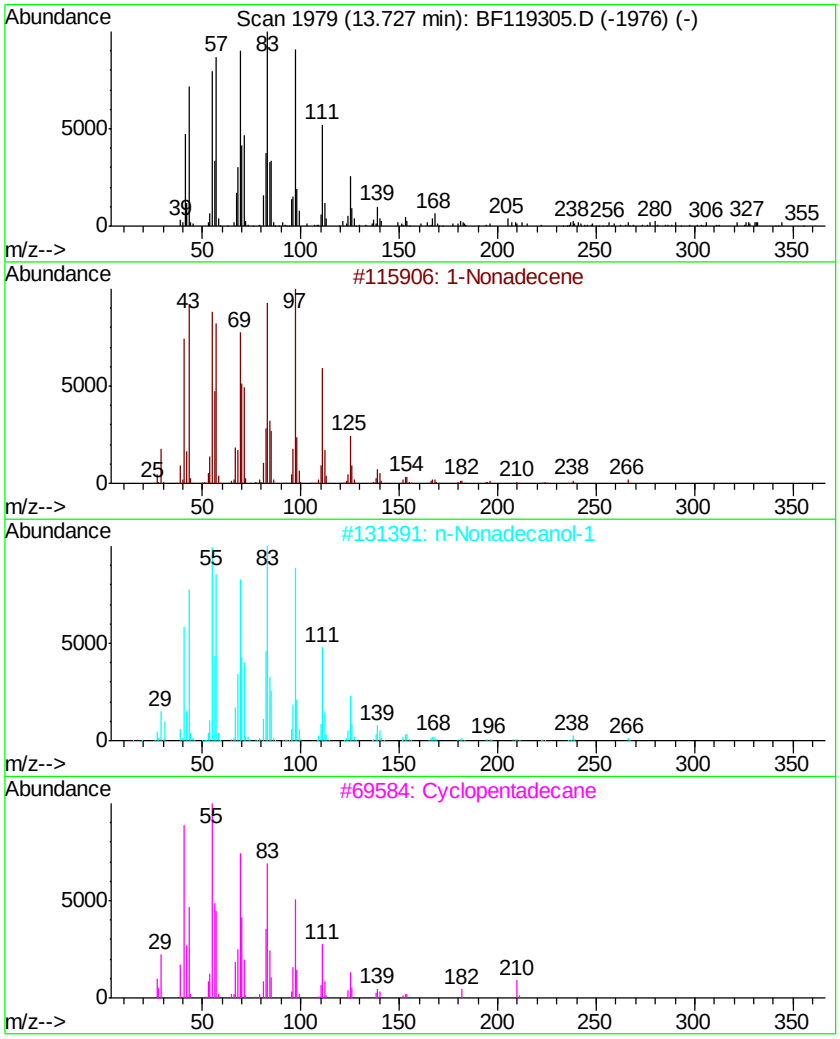
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

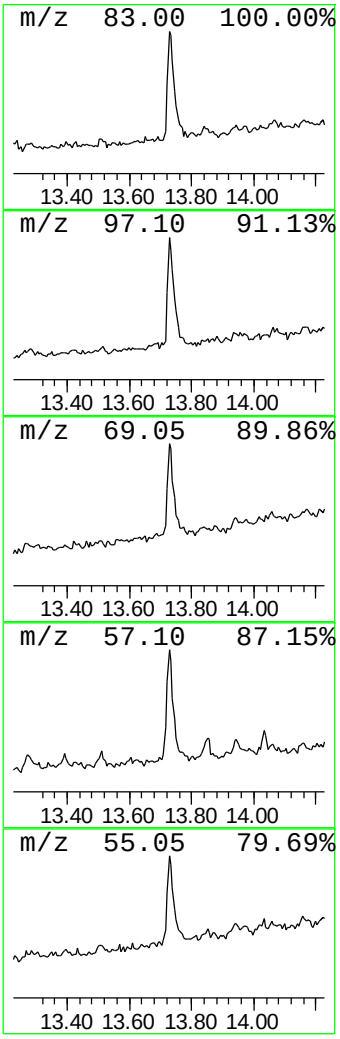
****

Peak Number 6 1-Nonadecene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	6.48 ng	324315	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	96
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
3	Cyclopentadecane	210	C15H30	000295-48-7	93
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	90





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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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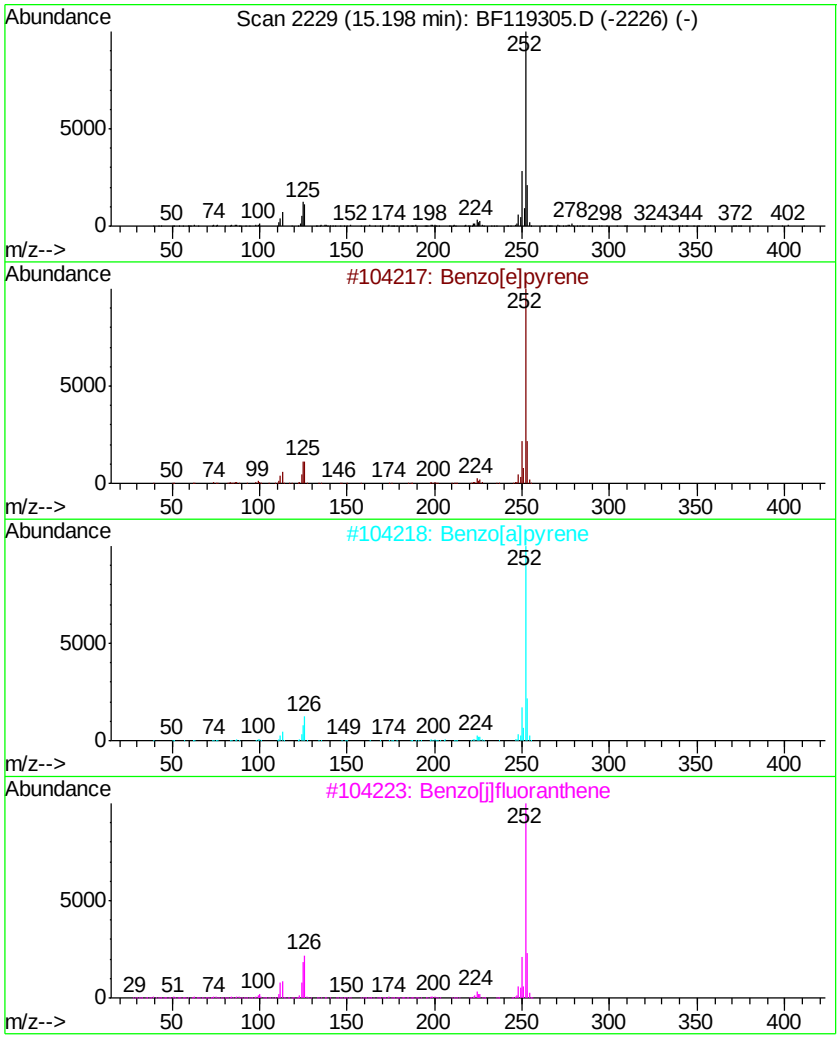
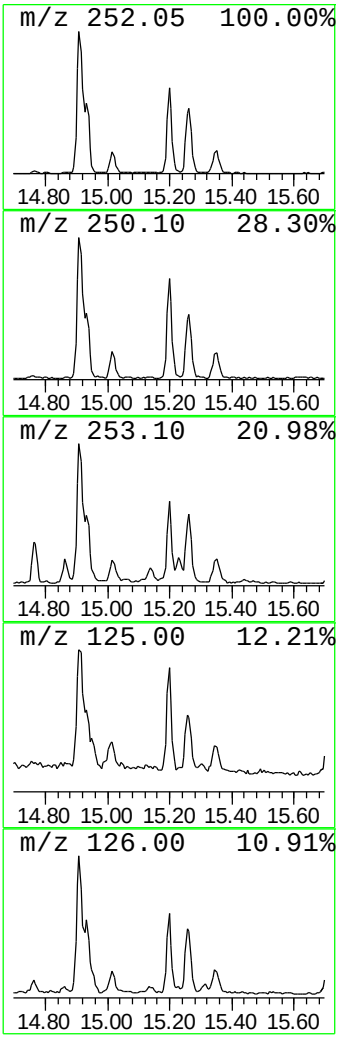
Peak Number 7 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	9.35 ng	287466	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
5	Perylene	252	C20H12	000198-55-0	95





Library Search Compound Report

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Data File : BF119305.D
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Operator : CG/JU
Sample : L1778-23
Misc :
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Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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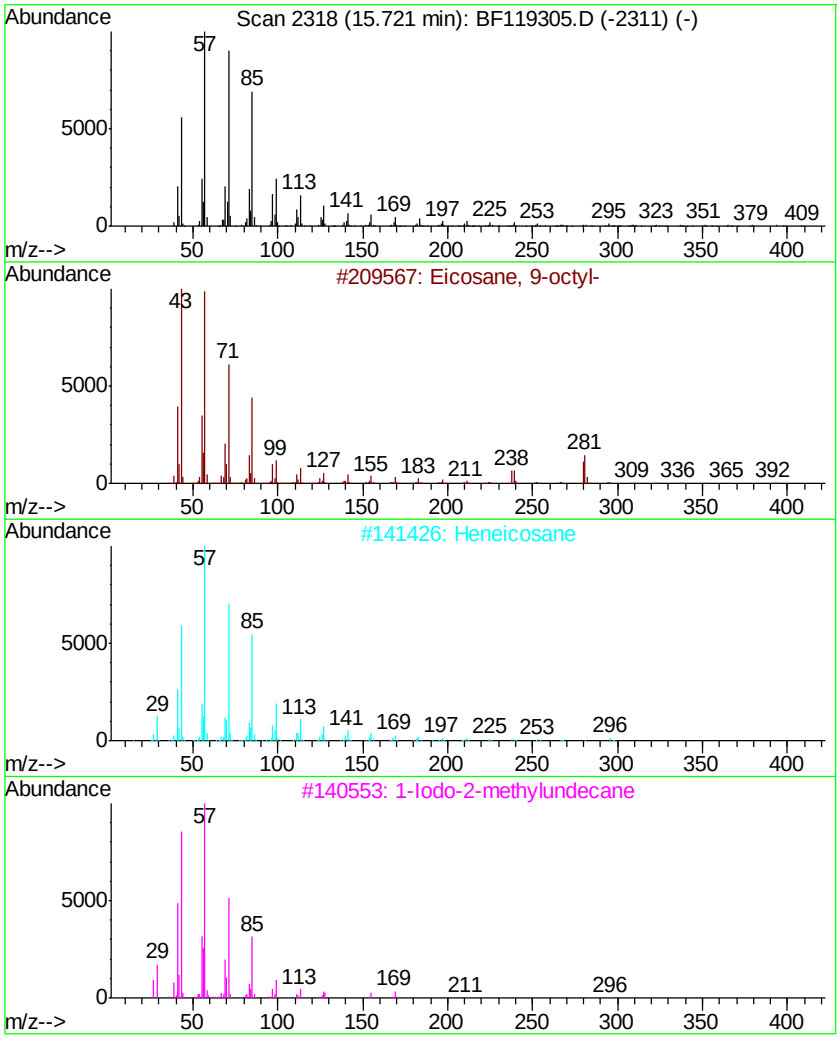
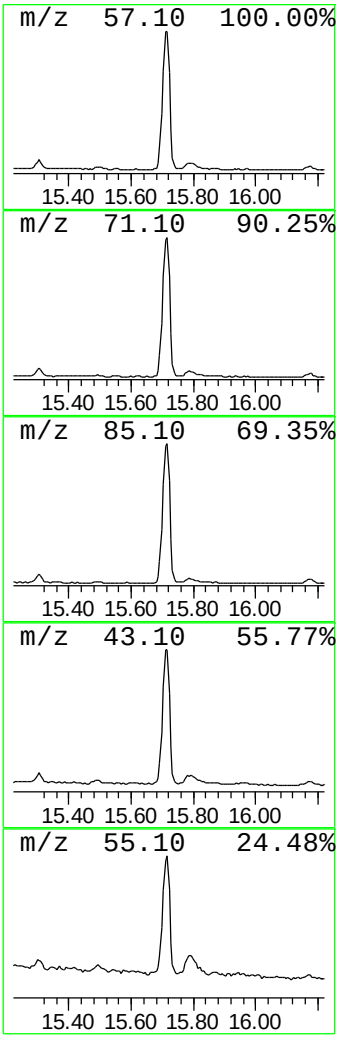
Peak Number 8 Eicosane, 9-octyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	62.46 ng	1920810	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 9-octyl-	394	C28H58	013475-77-9	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91
4	Triacontane	422	C30H62	000638-68-6	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
Data File : BF119305.D
Acq On : 10 Mar 2020 1:53
Operator : CG/JU
Sample : L1778-23
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

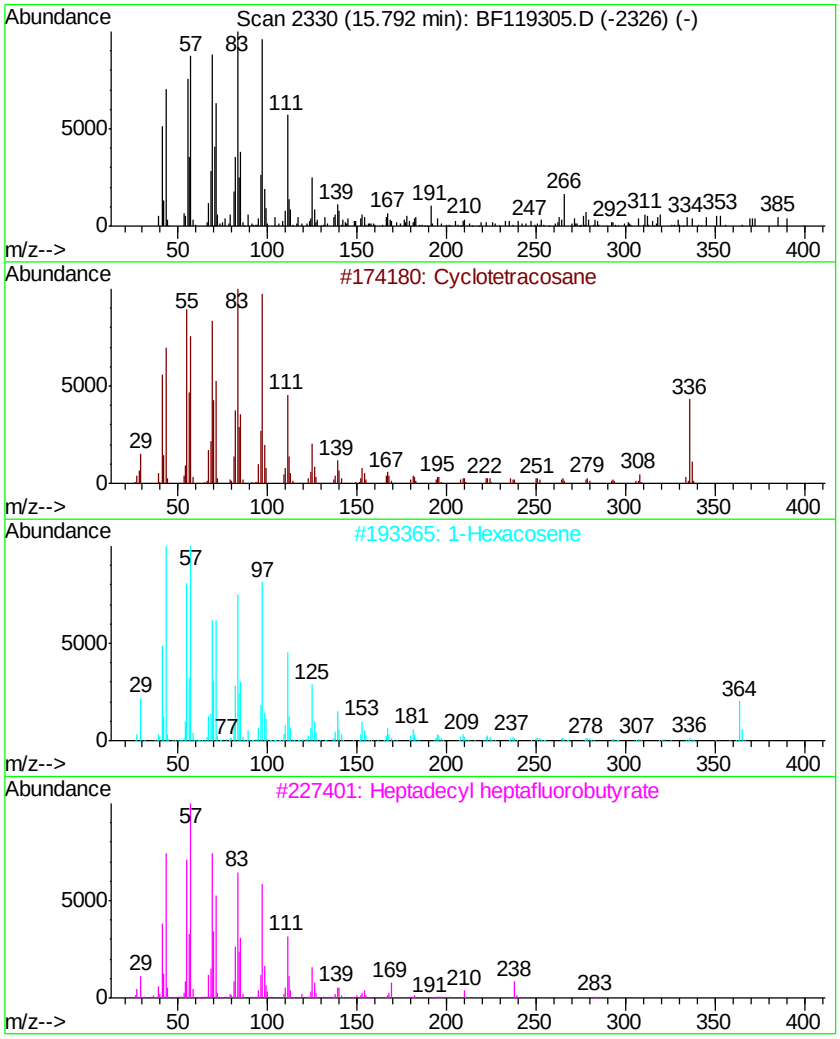
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

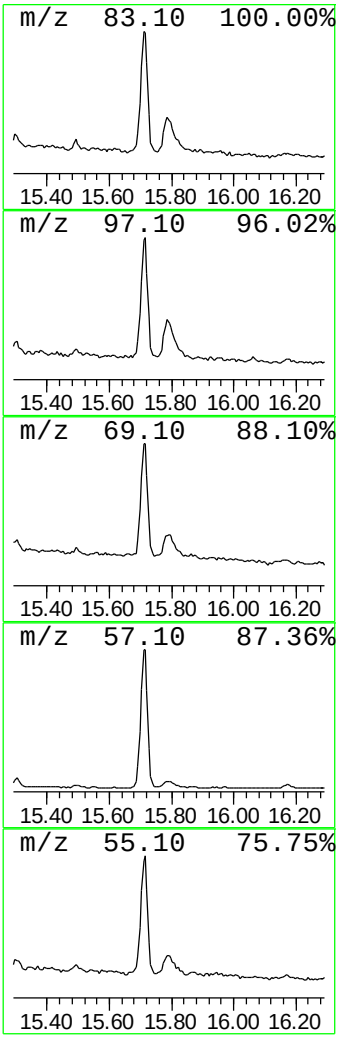
****

Peak Number 9 Cyclotetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	8.97 ng	275855	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	98
2	1-Hexacosene	364	C26H52	018835-33-1	90
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	87
5	Octacosanol	410	C28H58O	000557-61-9	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030920\
Data File : BF119305.D
Acq On : 10 Mar 2020 1:53
Operator : CG/JU
Sample : L1778-23
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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-Pentanone, 4-hy...	4.92	6.9	ng	208265	1	6.72	601273	20.0
Caryophyllene	9.41	2.5	ng	144982	3	9.76	1163410	20.0
n-Hexadecanoic acid	11.77	9.9	ng	443557	4	11.24	893802	20.0
Octadecanoic acid	12.56	4.0	ng	177328	4	11.24	893802	20.0
1-Nonadecene	13.73	6.5	ng	324315	5	13.89	1000950	20.0
Benzo[e]pyrene	15.20	9.3	ng	287466	6	15.32	615007	20.0
Eicosane, 9-octyl-	15.72	62.5	ng	1920810	6	15.32	615007	20.0
Cyclotetracosane	15.79	9.0	ng	275855	6	15.32	615007	20.0