LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
Data File : BF123531.D
Acq On : 30 Mar 2021 20:24
Operator : JU/CG
Sample : M1832-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IG003

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-BF032321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123531.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.210	13	21	27	rVB	712758	893906	14.65%	1.900%
2	2.316	33	39	45	rVB	110717	138271	2.27%	0.294%
3	5.110	508	514	522	rVB	345009	435961	7.15%	0.927%
4	5.510	576	582	585	rBV	3662462	3595349	58.94%	7.641%
5	6.069	673	677	684	rVB	129644	114159	1.87%	0.243%
6	6.169	691	694	698	rVB	349935	271170	4.45%	0.576%
7	6.340	719	723	726	rVB	244794	200467	3.29%	0.426%
8	6.510	746	752	755	rBV	3294911	3745352	61.40%	7.960%
9	6.881	812	815	819	rBV	1096408	924887	15.16%	1.966%
10	7.445	905	911	914	rBV	2544247	2498976	40.97%	5.311%
11	8.169	1029	1034	1037	rBV	1618574	1450084	23.77%	3.082%
12	8.745	1128	1132	1135	rBV	377091	279211	4.58%	0.593%
13	9.251	1212	1218	1221	rBV	5048631	4644902	76.15%	9.872%
14	9.586	1272	1275	1278	rBV	81641	69486	1.14%	0.148%
15	9.639	1281	1284	1288	rVV	97424	81820	1.34%	0.174%
16	9.780	1304	1308	1311	rBV2	107260	82559	1.35%	0.175%
17	9.928	1327	1333	1336	rBV	2665553	2242058	36.76%	4.765%
18	10.145	1363	1370	1377	rBV2	175503	236403	3.88%	0.502%
19	10.722	1463	1468	1471	rBV	5186641	4758675	78.01%	10.114%
20	10.927	1500	1503	1509	rBV	1175234	1077203	17.66%	2.289%
21	10.975	1509	1511	1516	rVB2	69455	71562	1.17%	0.152%
22	11.274	1558	1562	1567	rBV4	61216	93335	1.53%	0.198%
23	11.422	1582	1587	1589	rBV	2662243	2499206	40.97%	5.312%
24	11.439	1589	1590	1593	rVB	438446	293749	4.82%	0.624%
25	11.951	1673	1677	1688	rVB2	599579	631404	10.35%	1.342%
26	12.033	1688	1691	1693	rBV	63057	63106	1.03%	0.134%
27	12.210	1718	1721	1724	rBV2	86966	101451	1.66%	0.216%
28	12.233	1724	1725	1730	rVB2	72528	63258	1.04%	0.134%
29	12.404	1750	1754	1759	rVB2	53246	76361	1.25%	0.162%
30	12.474	1761	1766	1767	rBV4	54306	64174	1.05%	0.136%
31	12.504	1767	1771	1777	rVB3	771325	845303	13.86%	1.797%
32	12.633	1786	1793	1796	rBV	553866	547388	8.97%	1.163%
33	12.733	1807	1810	1813	rBV3	148650	133253	2.18%	0.283%
34	12.863	1825	1832	1834	rBV	455247	461110	7.56%	0.980%
35	13.016	1853	1858	1861	rVB	6571337	6099931	100.00%	12.964%
36	13.245	1894	1897	1901	rBV2	95541	120479	1.98%	0.256%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
Data File : BF123531.D
Acq On : 30 Mar 2021 20:24
Operator : JU/CG
Sample : M1832-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IG003

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-BF032321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.304	1903	1907	1913	rVB4	173226	222546	3.65%	0.473%
38	13.427	1924	1928	1931	rBV4	64044	72944	1.20%	0.155%
39	13.463	1931	1934	1938	rVB	103061	124201	2.04%	0.264%
40	13.586	1950	1955	1958	rBV2	73077	101891	1.67%	0.217%
41	13.704	1972	1975	1979	rVB2	72030	68166	1.12%	0.145%
42	13.945	2007	2016	2029	rVB4	339476	923733	15.14%	1.963%
43	14.063	2032	2036	2039	rVV	1071470	1101708	18.06%	2.341%
44	14.092	2039	2041	2045	rVB	97865	101747	1.67%	0.216%
45	14.357	2083	2086	2092	rVB2	84896	84374	1.38%	0.179%
46	14.539	2114	2117	2120	rVB	129665	114091	1.87%	0.242%
47	14.586	2120	2125	2138	rBV2	227220	696281	11.41%	1.480%
48	14.839	2164	2168	2174	rVB2	117841	157263	2.58%	0.334%
49	15.010	2193	2197	2204	rVB	93708	135052	2.21%	0.287%
50	15.115	2210	2215	2223	rVB	105630	220718	3.62%	0.469%
51	15.210	2224	2231	2237	rVB	183135	251701	4.13%	0.535%
52	15.286	2239	2244	2250	rBV3	80374	199731	3.27%	0.424%
53	15.492	2275	2279	2283	rVB	52703	63277	1.04%	0.134%
54	15.562	2285	2291	2295	rBV	554000	748274	12.27%	1.590%
55	15.809	2328	2333	2339	rVB2	94371	134809	2.21%	0.287%
56	16.057	2370	2375	2382	rVB2	106421	155834	2.55%	0.331%
57	16.139	2382	2389	2400	rBV5	139015	510401	8.37%	1.085%
58	16.786	2495	2499	2504	rVB5	63262	103543	1.70%	0.220%
59	16.880	2510	2515	2525	rVB5	63849	125616	2.06%	0.267%
60	17.192	2565	2568	2577	rVB4	33249	69471	1.14%	0.148%
61	17.745	2655	2662	2678	rBV4	64308	280775	4.60%	0.597%
62	18.645	2810	2815	2824	rVB9	35835	89663	1.47%	0.191%
63	18.756	2826	2834	2851	rVB6	92774	288023	4.72%	0.612%

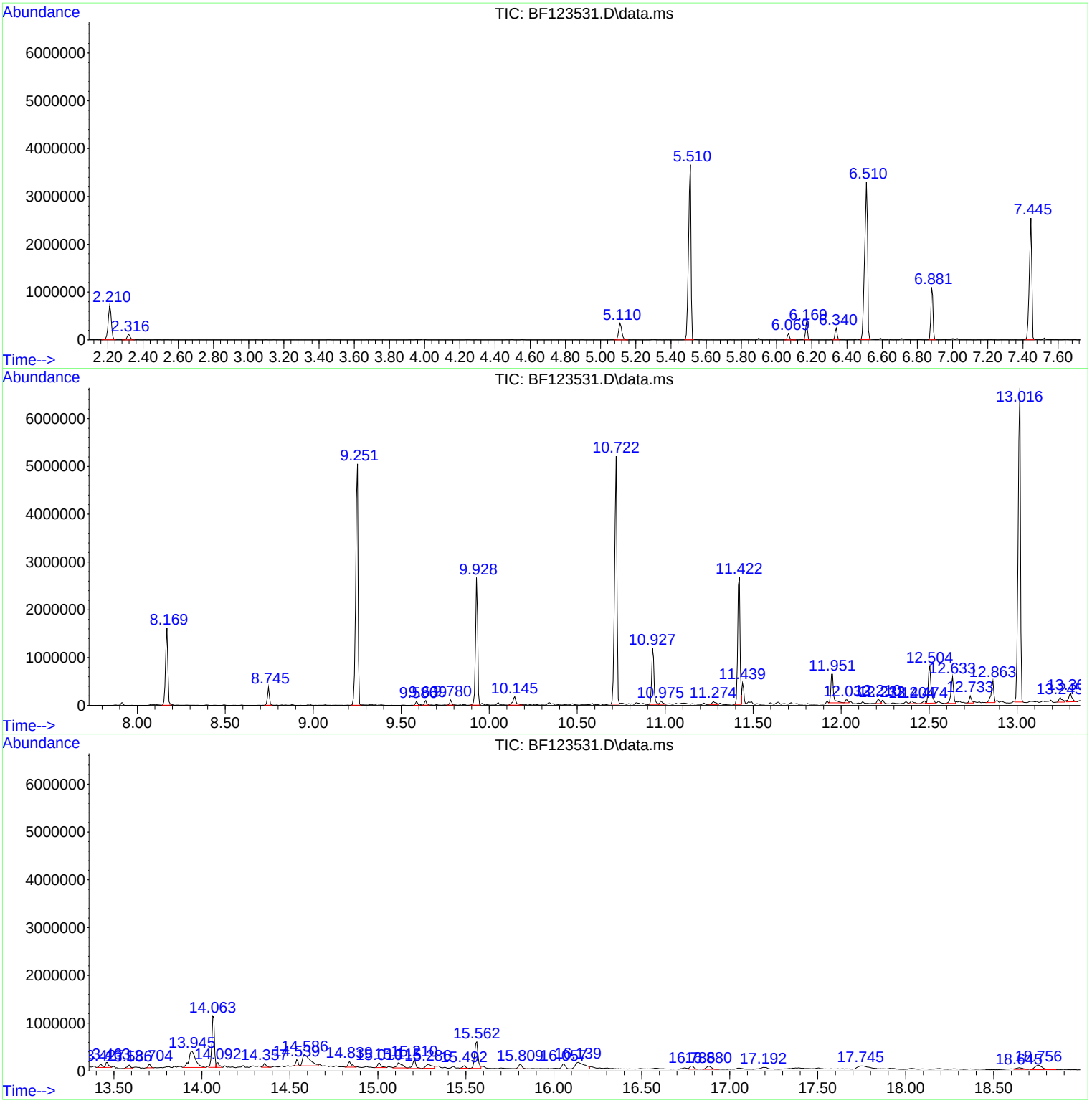
Sum of corrected areas: 47051802

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
Data File : BF123531.D
Acq On : 30 Mar 2021 20:24
Operator : JU/CG
Sample : M1832-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IG003

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.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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Data File : BF123531.D
Acq On : 30 Mar 2021 20:24
Operator : JU/CG
Sample : M1832-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IG003

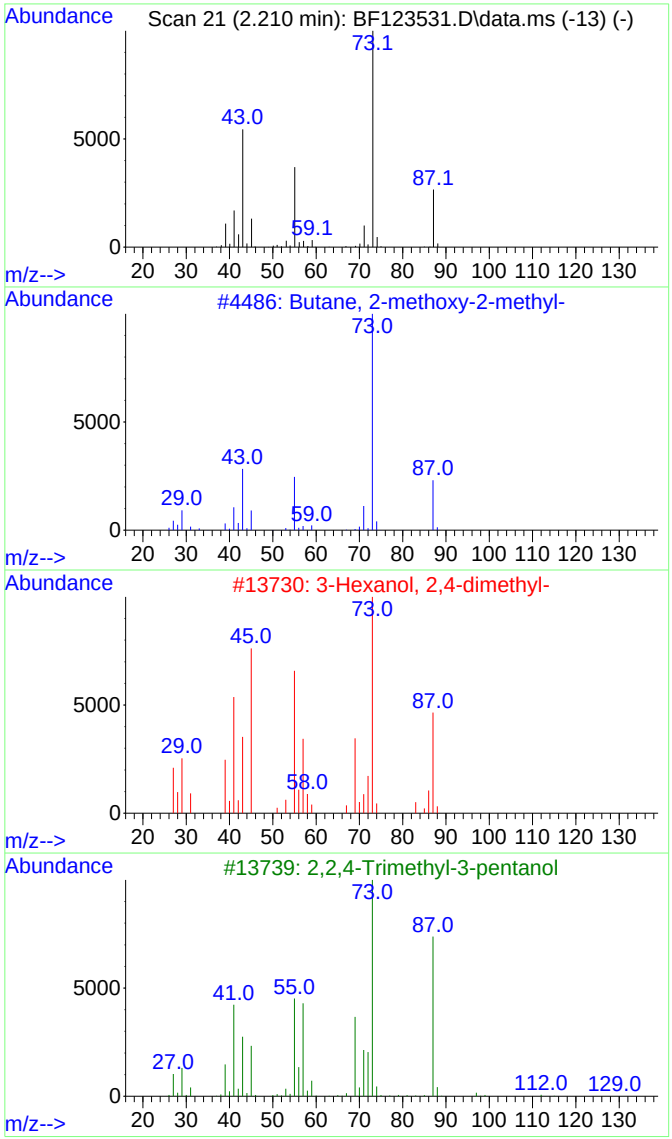
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

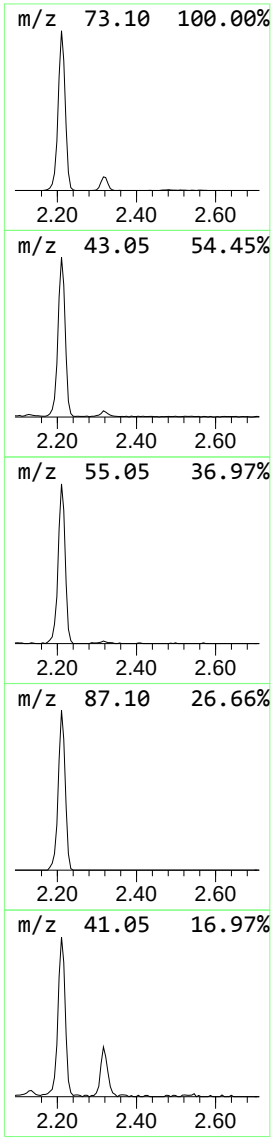
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.210	19.33 ng	893906	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	50
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
Data File : BF123531.D
Acq On : 30 Mar 2021 20:24
Operator : JU/CG
Sample : M1832-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IG003

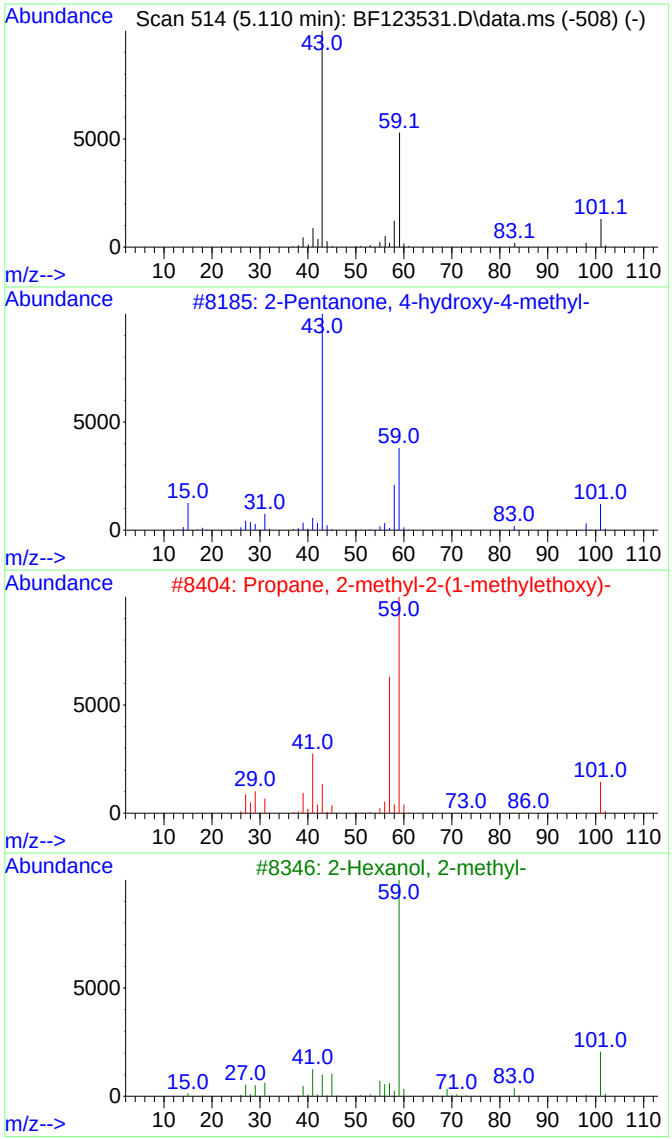
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

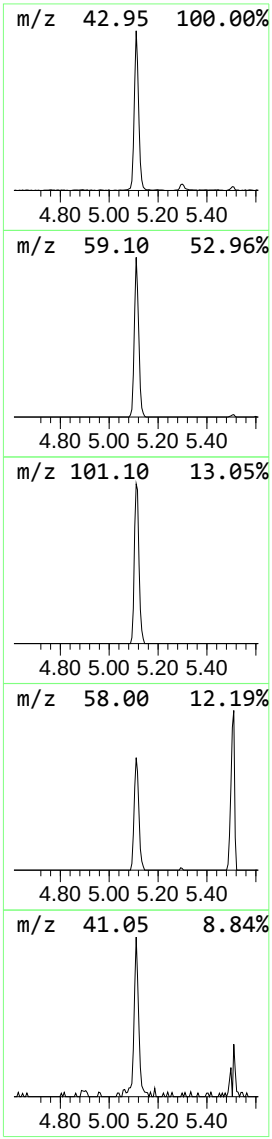
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	9.43 ng	435961	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
Data File : BF123531.D
Acq On : 30 Mar 2021 20:24
Operator : JU/CG
Sample : M1832-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IG003

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

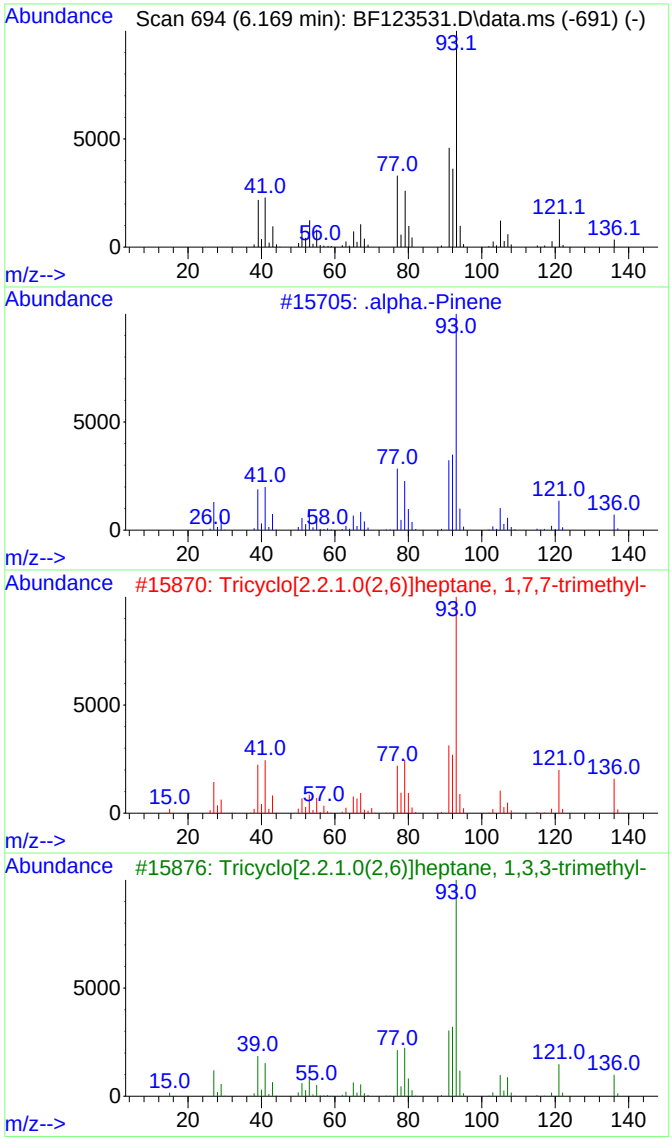
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

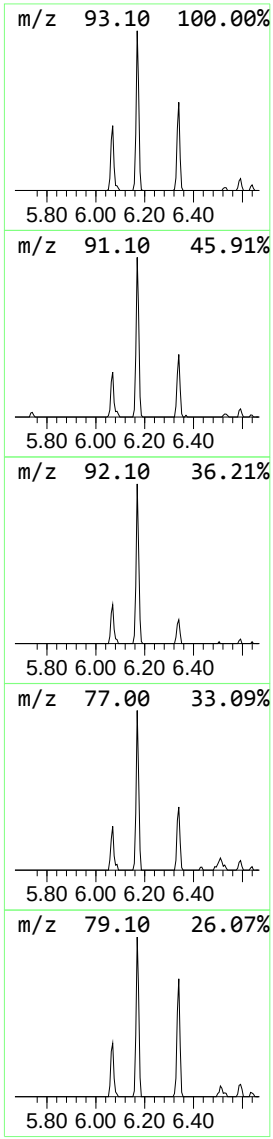
****

Peak Number 3 .alpha.-Pinene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.169	5.86 ng	271170	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	94
2	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
3	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000488-97-1	91
4	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	91
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
Data File : BF123531.D
Acq On : 30 Mar 2021 20:24
Operator : JU/CG
Sample : M1832-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IG003

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

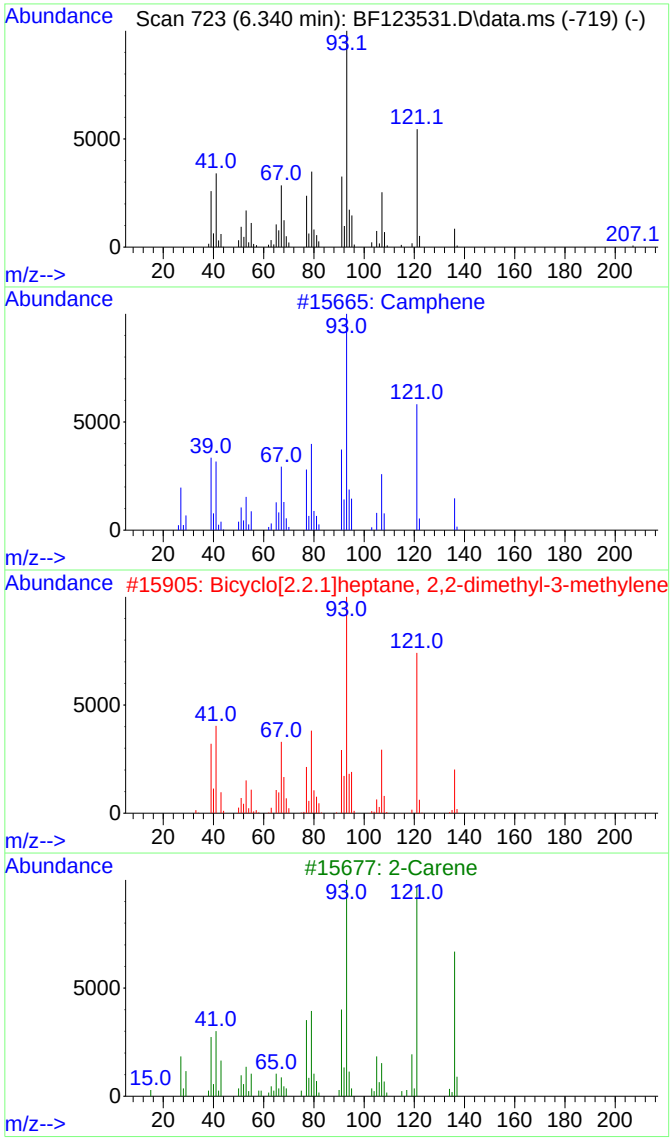
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

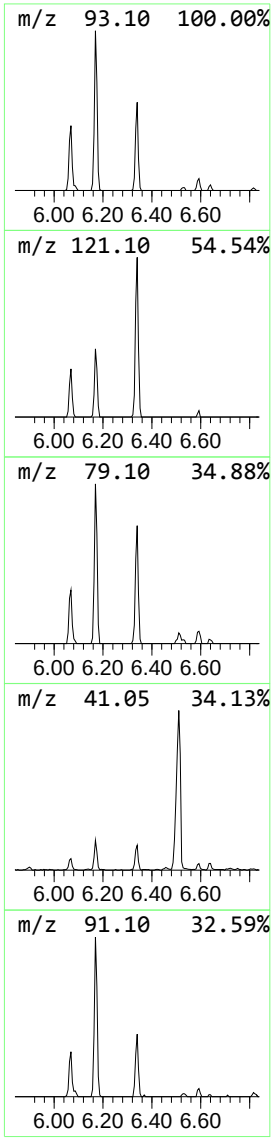
****

Peak Number 4 Camphene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.340	4.33 ng	200467	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphene	136	C10H16	000079-92-5	95
2	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	86
3	2-Carene	136	C10H16	000554-61-0	74
4	(+)-4-Carene	136	C10H16	029050-33-7	64
5	Santolina triene	136	C10H16	002153-66-4	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
Data File : BF123531.D
Acq On : 30 Mar 2021 20:24
Operator : JU/CG
Sample : M1832-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IG003

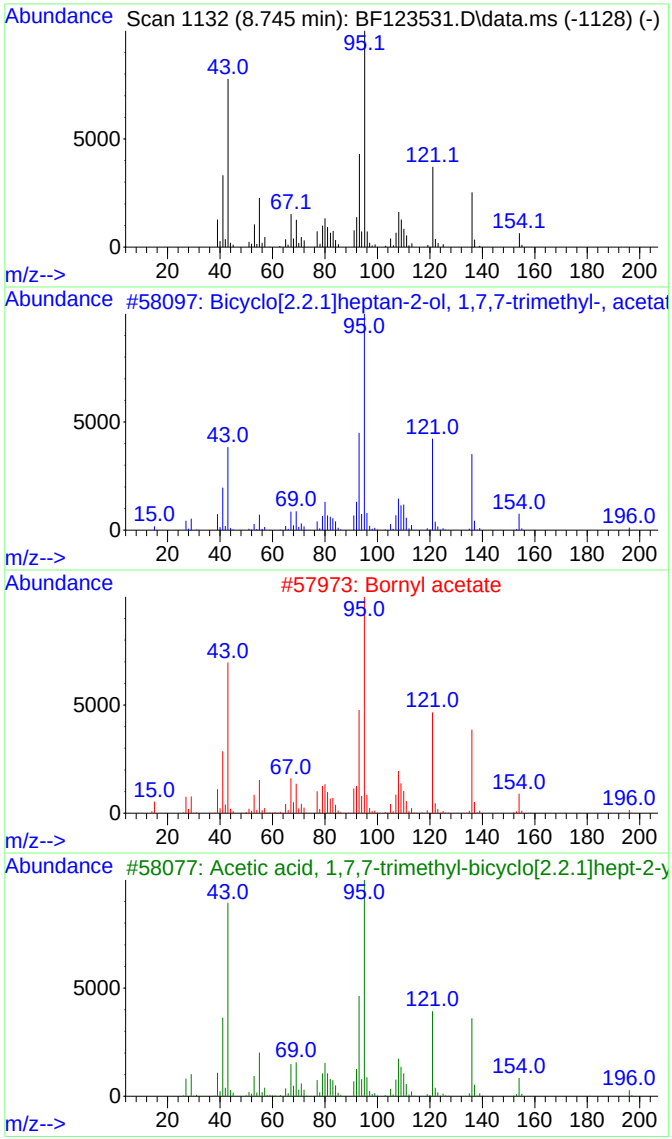
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

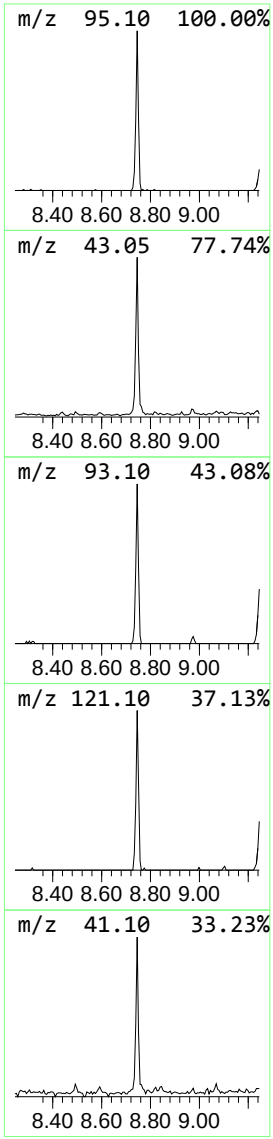
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Bicyclo[2.2.1]heptan-2-ol, ... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.745	3.85 ng	279211	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-ol, 1,7,7...	196	C12H20O2	005655-61-8	91
2	Bornyl acetate	196	C12H20O2	000076-49-3	81
3	Acetic acid, 1,7,7-trimethyl-bic...	196	C12H20O2	092618-89-8	81
4	Ethyl (1R,4S)-1,7,7-trimethylbic...	226	C13H22O3	1000373-77-2	78
5	Isoborneol	154	C10H18O	000124-76-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
Data File : BF123531.D
Acq On : 30 Mar 2021 20:24
Operator : JU/CG
Sample : M1832-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IG003

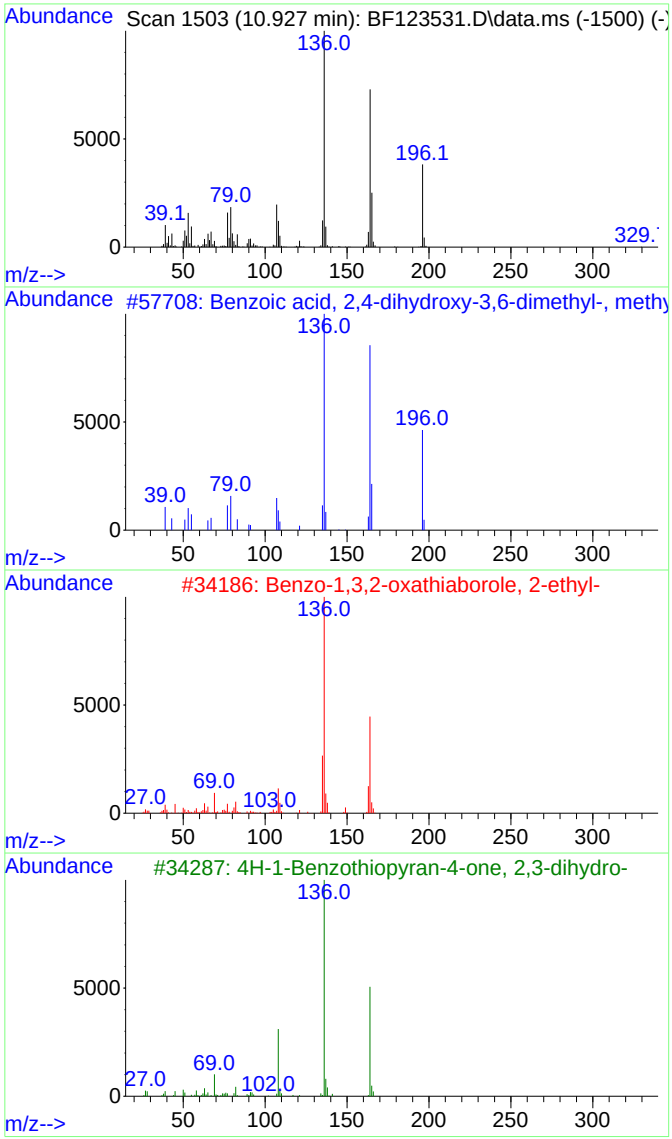
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

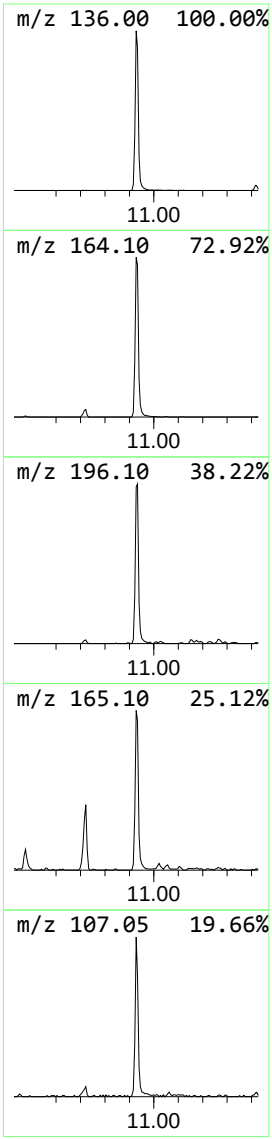
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzoic acid, 2,4-dihydroxy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.928	8.62 ng	1077200	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4-dihydroxy-3,6-...	196	C10H12O4	004707-47-5	98
2	Benzo-1,3,2-oxathiaborole, 2-ethyl-	164	C8H9BOS	1000161-38-9	47
3	4H-1-Benzothiopyran-4-one, 2,3-d...	164	C9H8OS	003528-17-4	43
4	5-Cyano-1,2,3,4-tetrahydro-6-met...	136	C7H8N2O	027036-90-4	43
5	N-(2,4,6-Trimethyl-3-pyridyl)ace...	178	C10H14N2O	051468-09-8	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
Data File : BF123531.D
Acq On : 30 Mar 2021 20:24
Operator : JU/CG
Sample : M1832-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IG003

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

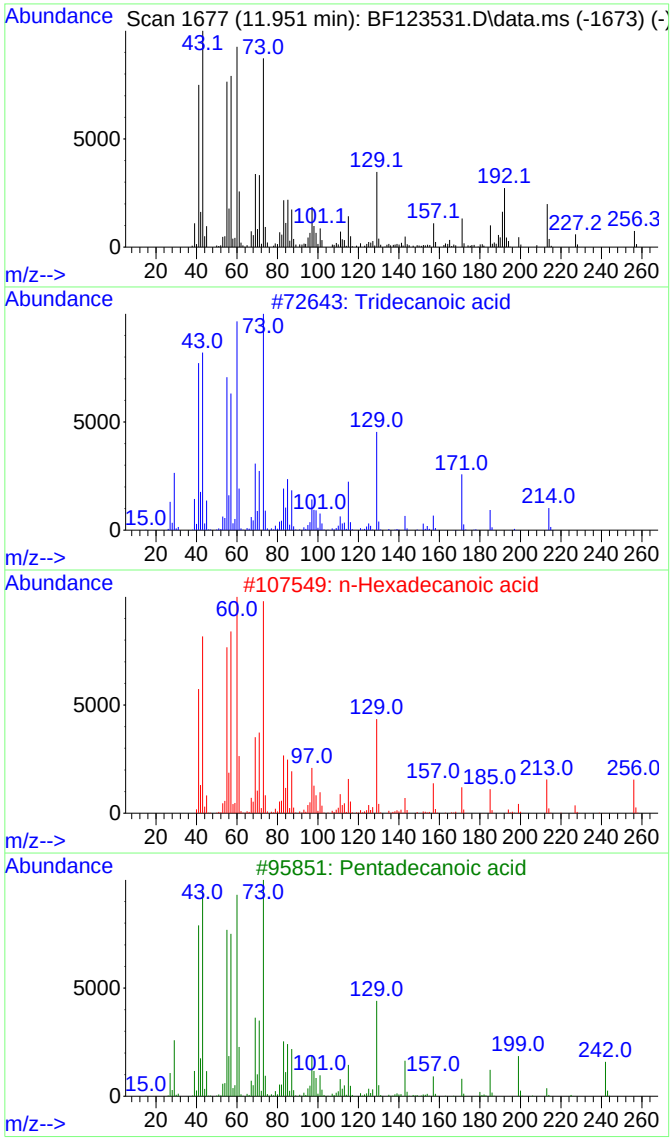
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

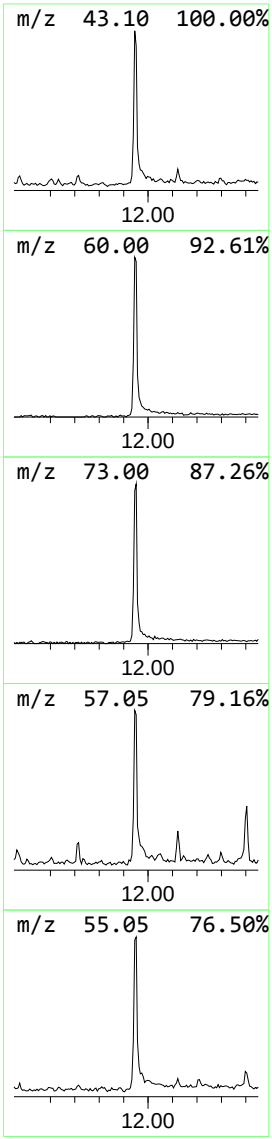
****

Peak Number 7 Tridecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	5.05 ng	631404	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	93
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	n-Decanoic acid	172	C10H20O2	000334-48-5	55





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Acq On : 30 Mar 2021 20:24
Operator : JU/CG
Sample : M1832-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IG003

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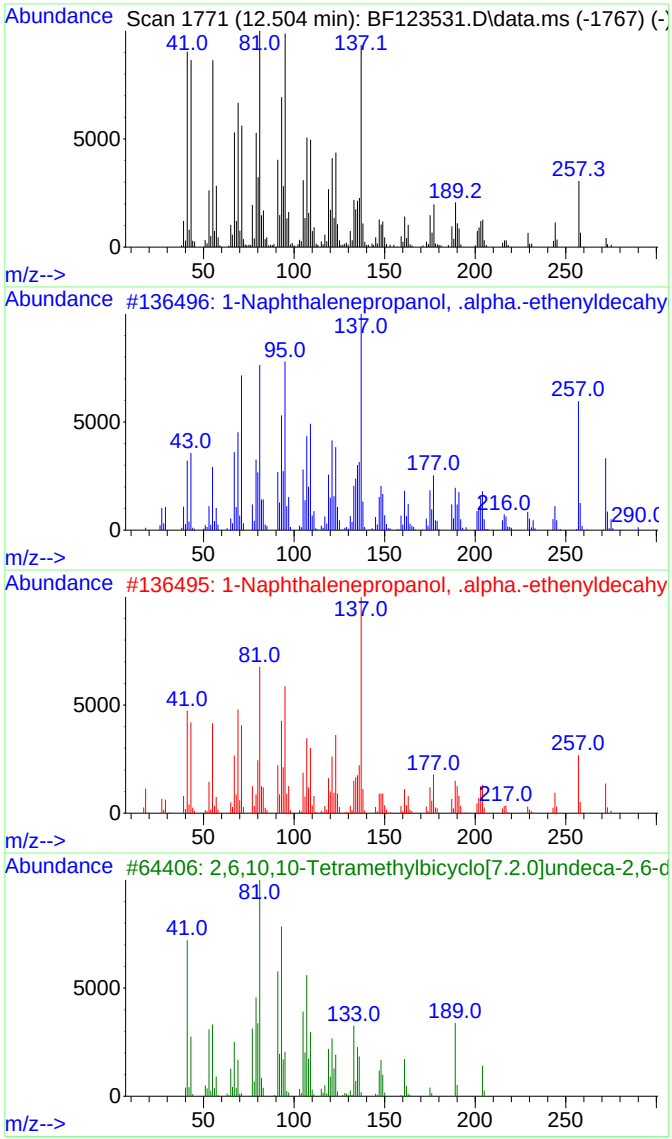
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

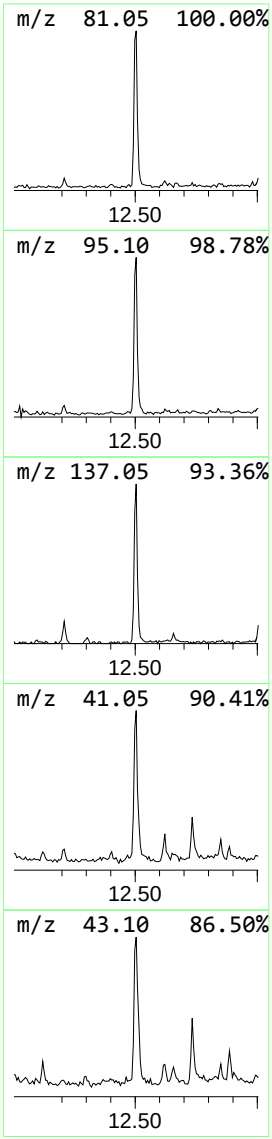
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1-Naphthalenepropanol, .alp... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.504	6.76 ng	845303	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenepropanol, .alpha.-e...	290	C20H34O	000596-85-0	86
2	1-Naphthalenepropanol, .alpha.-e...	290	C20H34O	001438-62-6	76
3	2,6,10,10-Tetramethylbicyclo[7.2...	204	C15H24	136296-37-2	56
4	Bicyclo[6.1.0]nonane, 9-bromo-9-...	216	C10H17Br	059474-03-2	49
5	Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	45





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Operator : JU/CG
Sample : M1832-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IG003

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

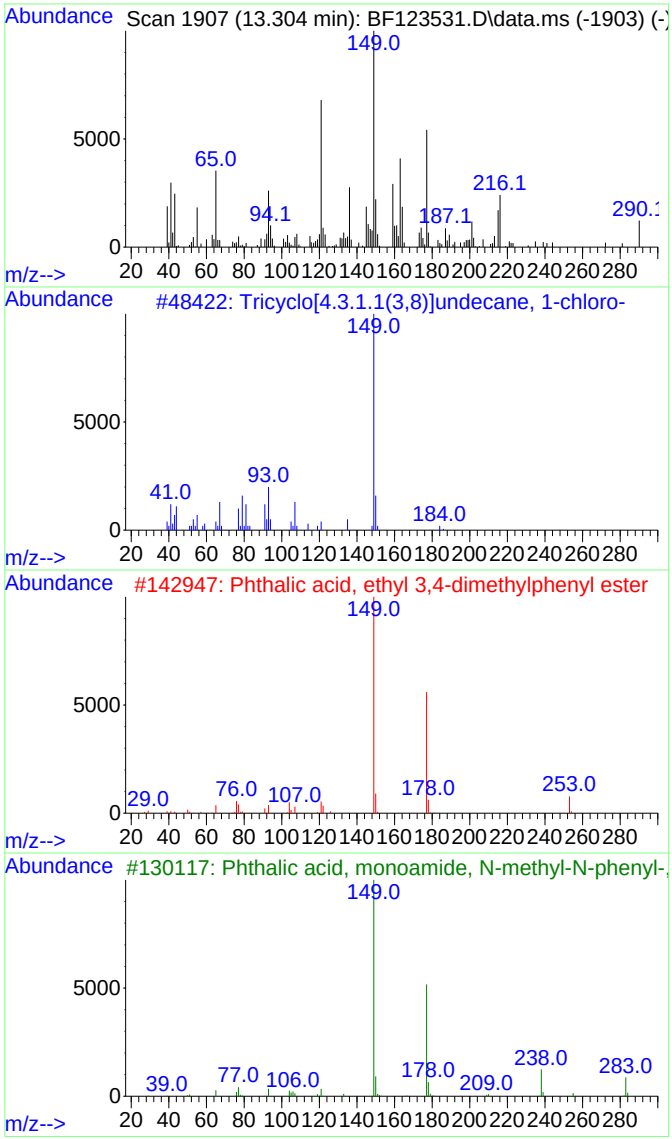
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

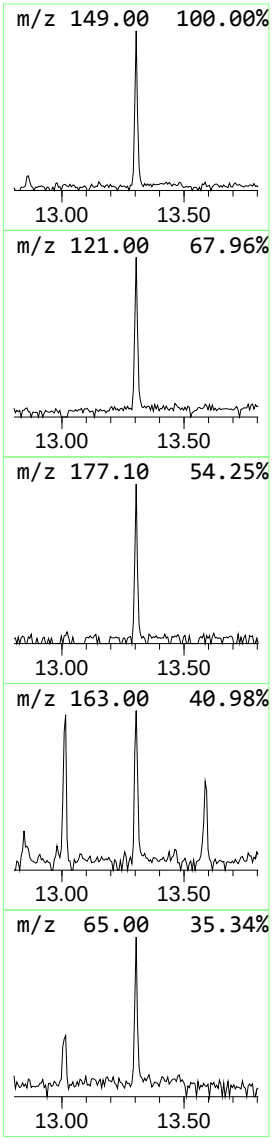
****

Peak Number 9 unknown13.304 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.304	4.04 ng	222546	Chrysene-d12	14.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[4.3.1.1(3,8)]undecane, ...	184	C11H17Cl	027011-46-7	25
2	Phthalic acid, ethyl 3,4-dimethy...	298	C18H18O4	1000309-81-6	25
3	Phthalic acid, monoamide, N-meth...	283	C17H17NO3	1000322-83-8	25
4	5-Amino-1,4-dihydro-quinoxaline-...	177	C8H7N3O2	076097-87-5	25
5	Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	22





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Sample : M1832-03
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Instrument : BNA_F
ClientSampleId : IG003

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

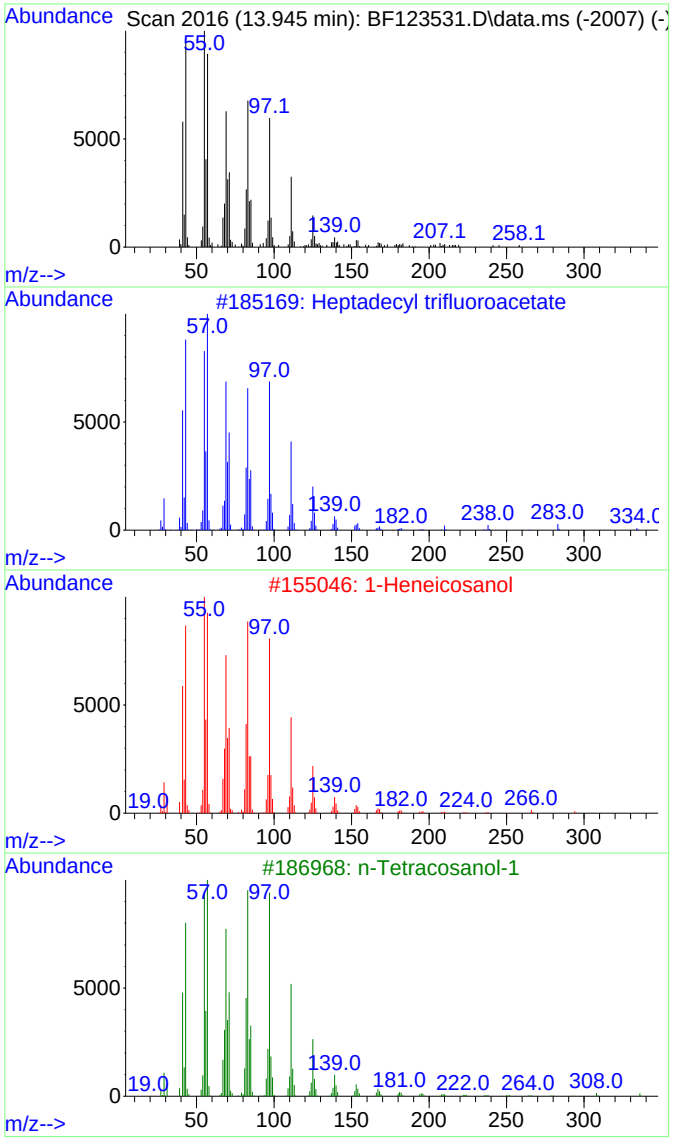
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

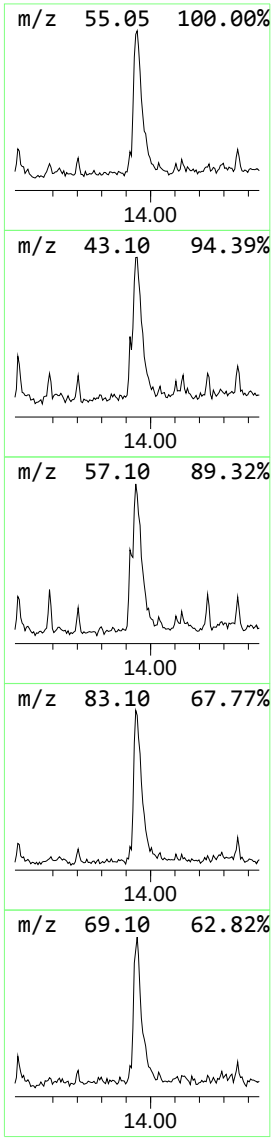
****

Peak Number 10 Heptadecyl trifluoroacetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.945	16.77 ng	923733	Chrysene-d12	14.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
2	1-Heneicosanol	312	C21H44O	015594-90-8	91
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
5	Cyclohexadecane	224	C16H32	000295-65-8	91





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Operator : JU/CG
Sample : M1832-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IG003

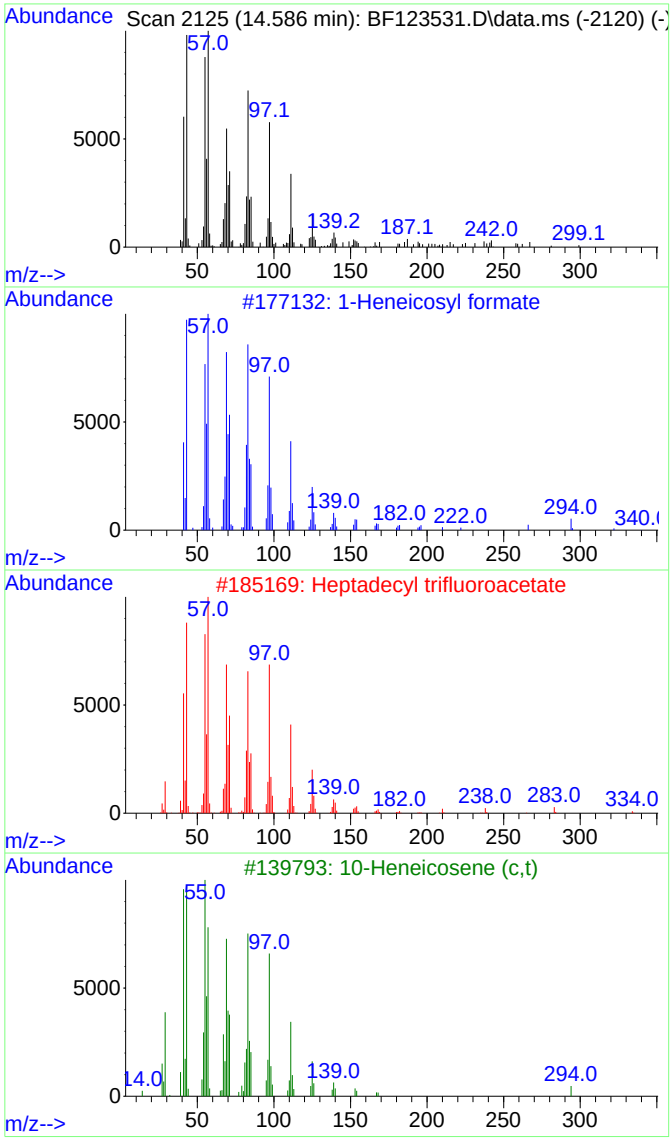
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

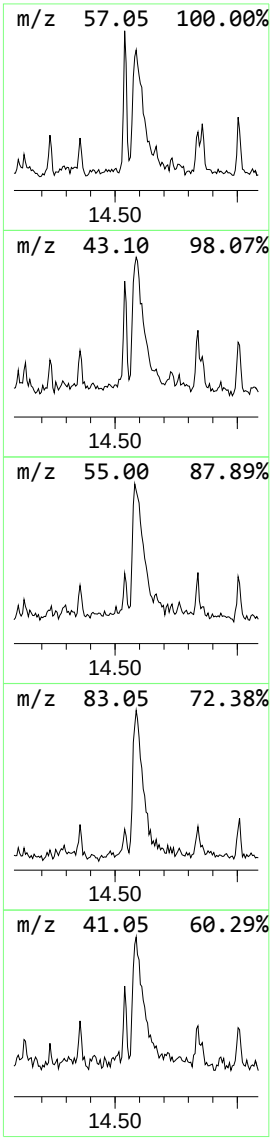
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1-Heneicosyl formate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.586	12.64 ng	696281	Chrysene-d12	14.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
3	10-Heneicosene (c,t)	294	C21H42	095008-11-0	91
4	1-Octadecanol	270	C18H38O	000112-92-5	91
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91





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Operator : JU/CG
Sample : M1832-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IG003

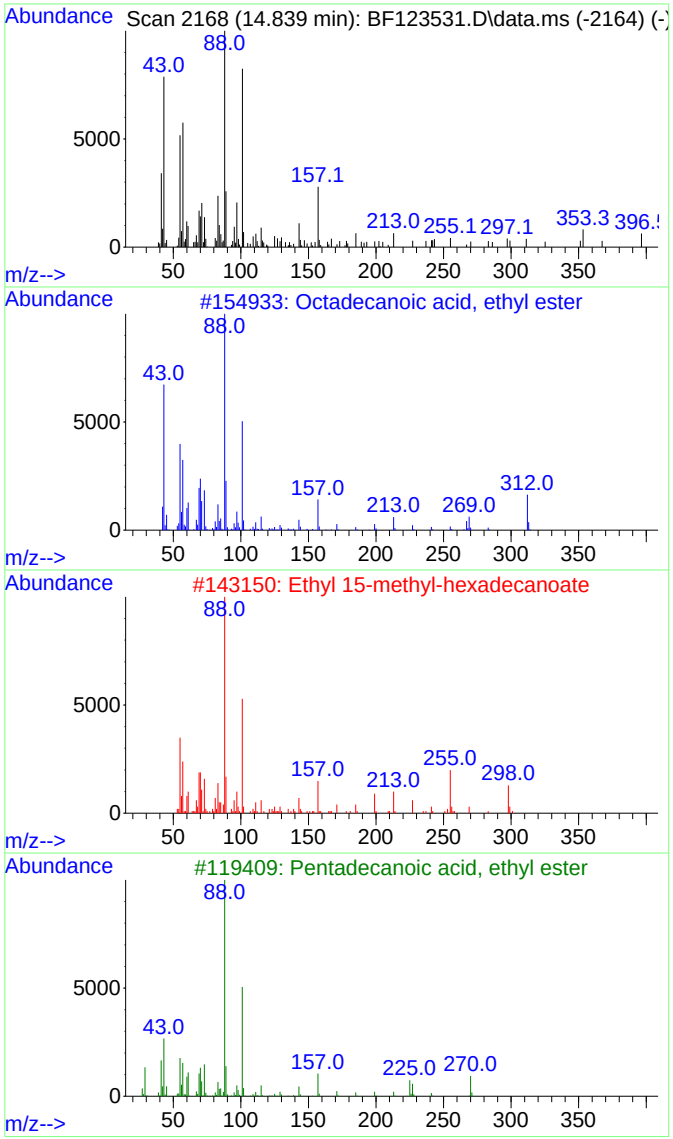
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

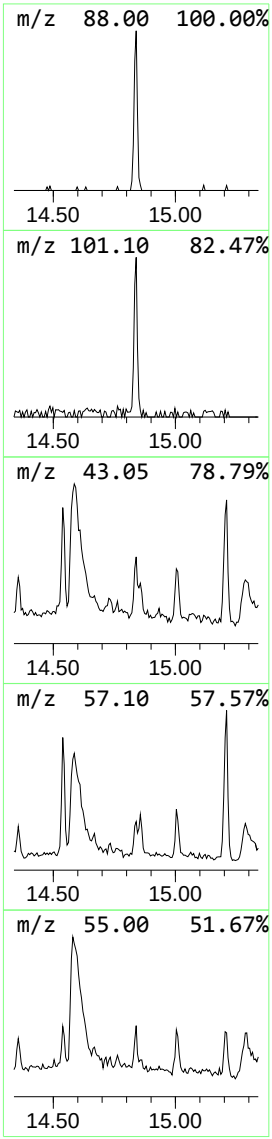
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Octadecanoic acid, ethyl ester Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.839	4.20 ng	157263	Perylene-d12	15.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, ethyl ester	312	C20H40O2	000111-61-5	72
2	Ethyl 15-methyl-hexadecanoate	298	C19H38O2	1000336-64-5	64
3	Pentadecanoic acid, ethyl ester	270	C17H34O2	041114-00-5	59
4	Hexadecanoic acid, ethyl ester	284	C18H36O2	000628-97-7	47
5	Tetradecanoic acid, ethyl ester	256	C16H32O2	000124-06-1	43





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Sample : M1832-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IG003

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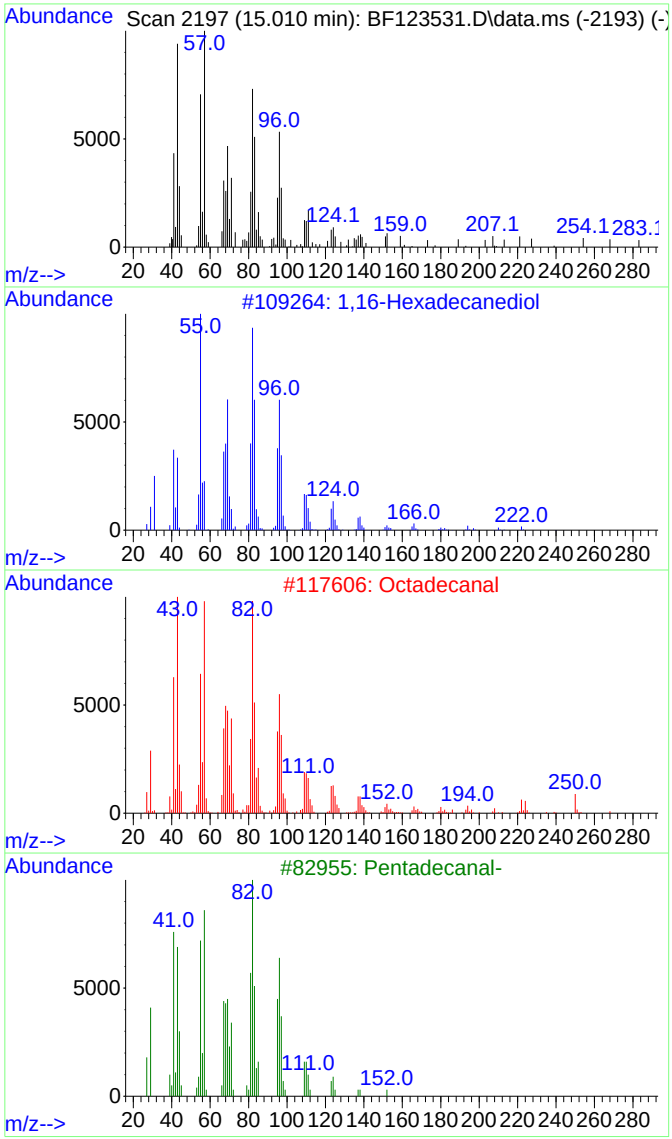
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

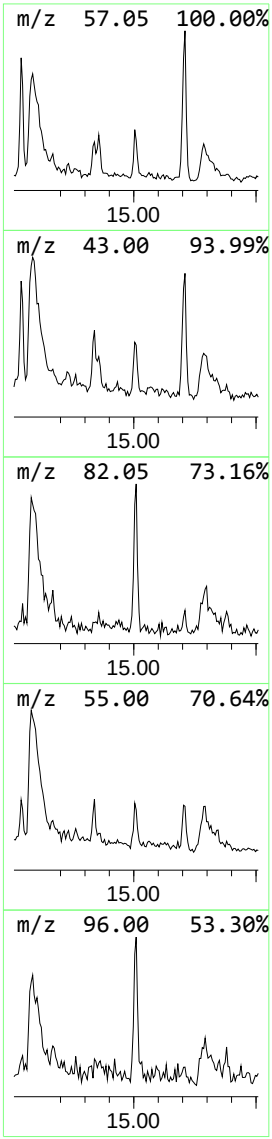
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1,16-Hexadecanediol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.009	3.61 ng	135052	Perylene-d12	15.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	90
2	Octadecanal	268	C18H36O	000638-66-4	72
3	Pentadecanal-	226	C15H30O	002765-11-9	64
4	1,19-Eicosadiene	278	C20H38	014811-95-1	58
5	1-Eicosyne	278	C20H38	000765-27-5	58





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Acq On : 30 Mar 2021 20:24
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Sample : M1832-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IG003

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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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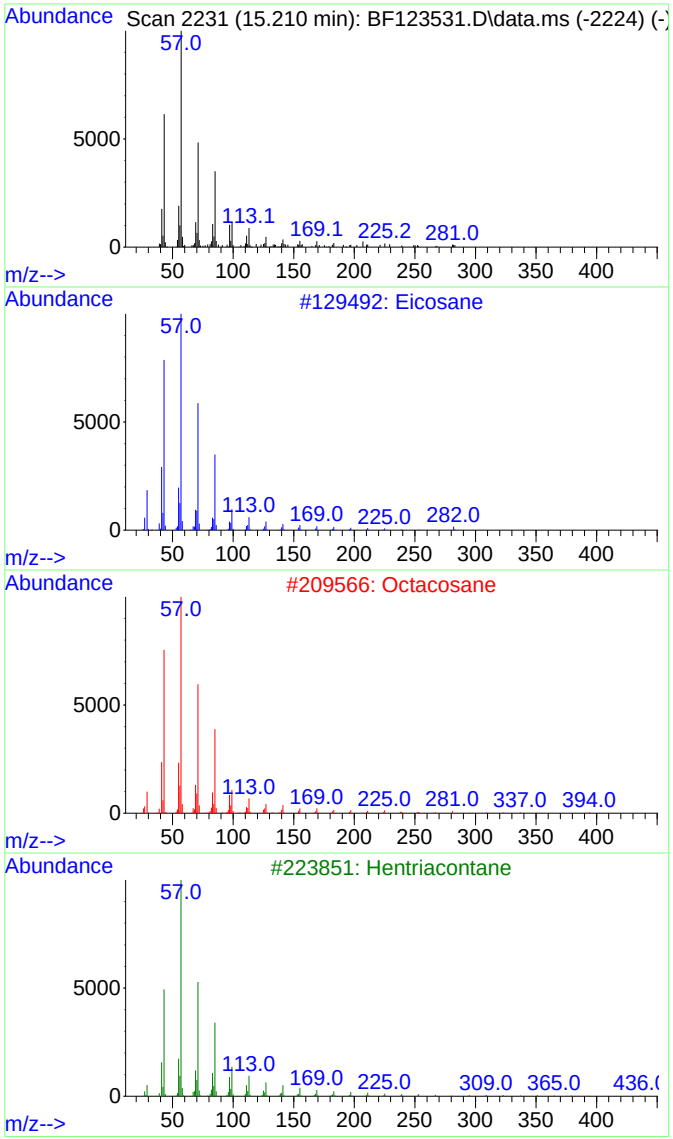
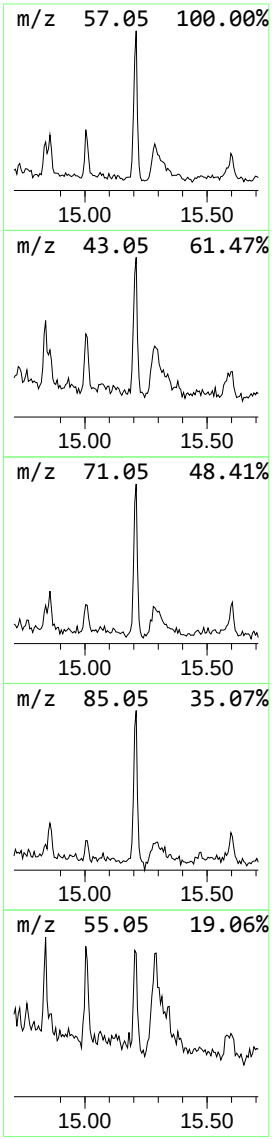
Peak Number 14 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.210	6.73 ng	251701	Perylene-d12	15.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Octacosane	394	C28H58	000630-02-4	90
3	Hentriacontane	437	C31H64	000630-04-6	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	87





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Sample : M1832-03
Misc :
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Instrument : BNA_F
ClientSampleId : IG003

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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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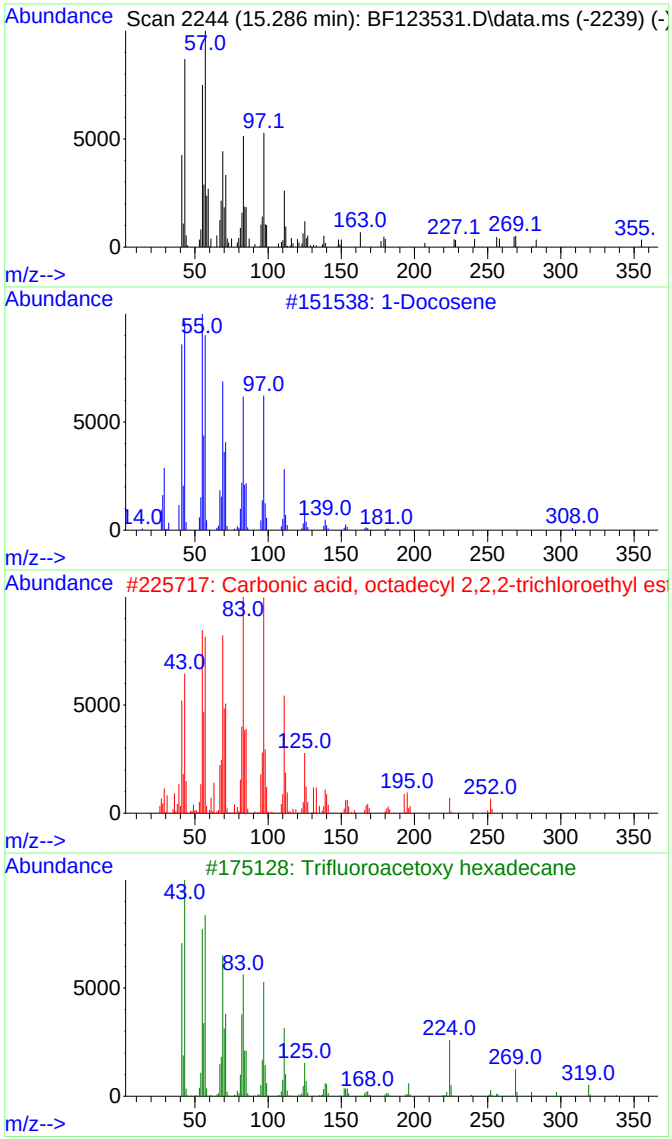
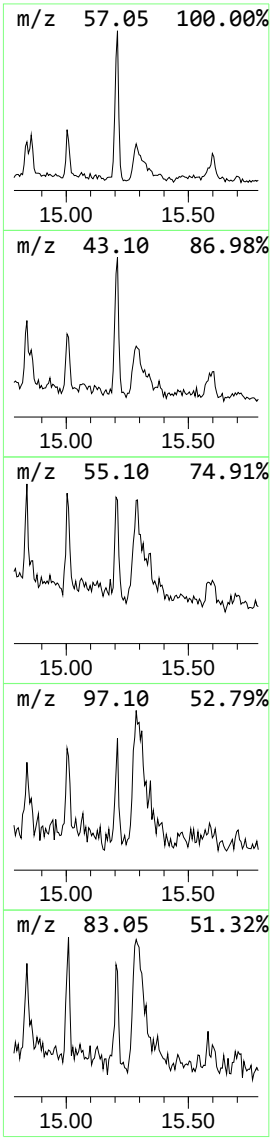
Peak Number 15 1-Docosene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.286	5.34 ng	199731	Perylene-d12	15.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	68
2	Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	68
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	62
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	62
5	1-Tricosene	322	C23H46	018835-32-0	62





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Sample : M1832-03
Misc :
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Instrument : BNA_F
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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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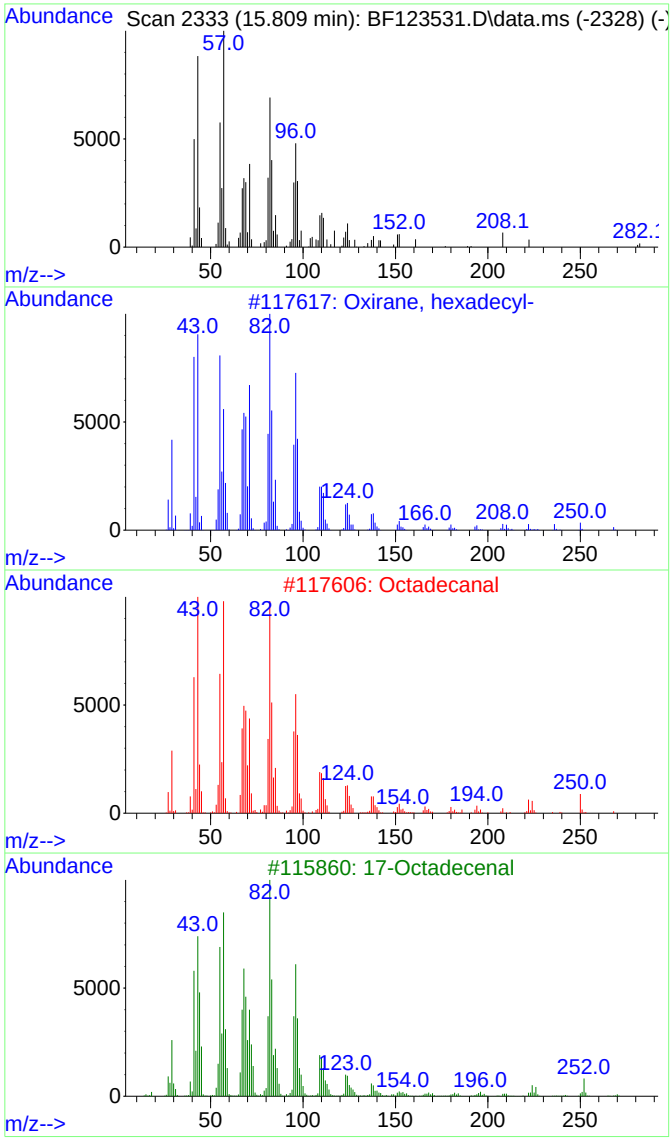
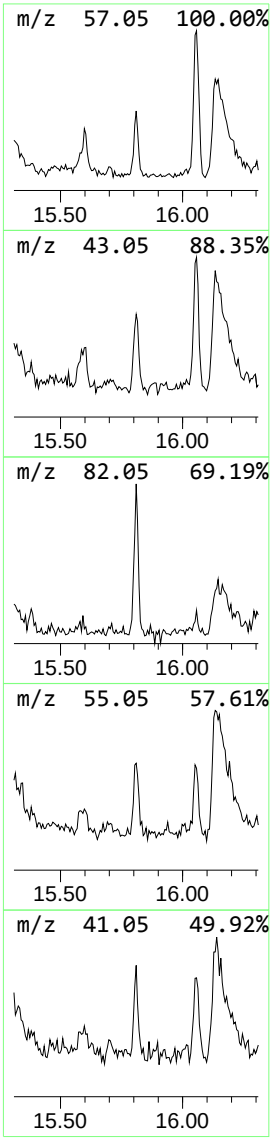
Peak Number 16 Oxirane, hexadecyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.810	3.60 ng	134809	Perylene-d12	15.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2	Octadecanal	268	C18H36O	000638-66-4	91
3	17-Octadecenal	266	C18H34O	056554-86-0	91
4	Hexadecanal	240	C16H32O	000629-80-1	87
5	Tridecanal	198	C13H26O	010486-19-8	86





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IG003

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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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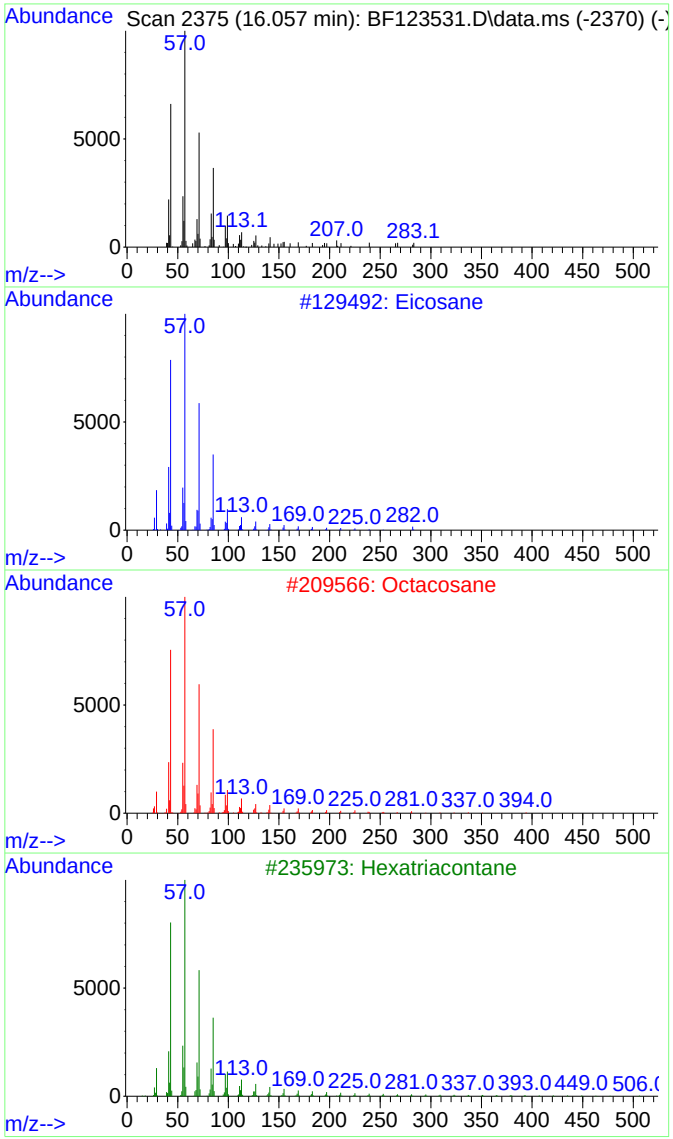
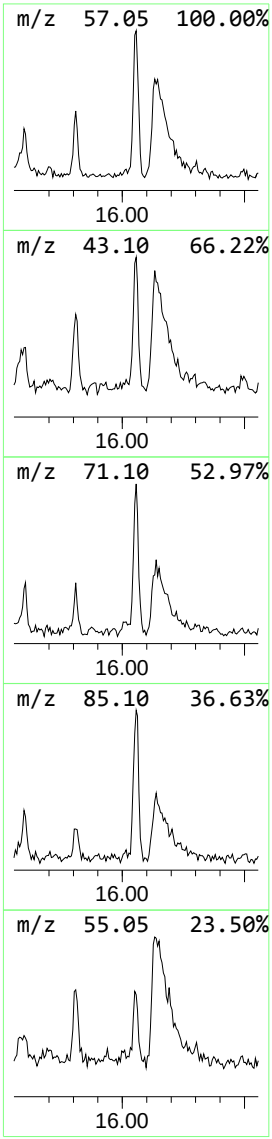
Peak Number 17 Octacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.057	4.17 ng	155834	Perylene-d12	15.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Octacosane	394	C28H58	000630-02-4	91
3	Hexatriacontane	507	C36H74	000630-06-8	91
4	Octadecane	254	C18H38	000593-45-3	90
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





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Sample : M1832-03
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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IG003

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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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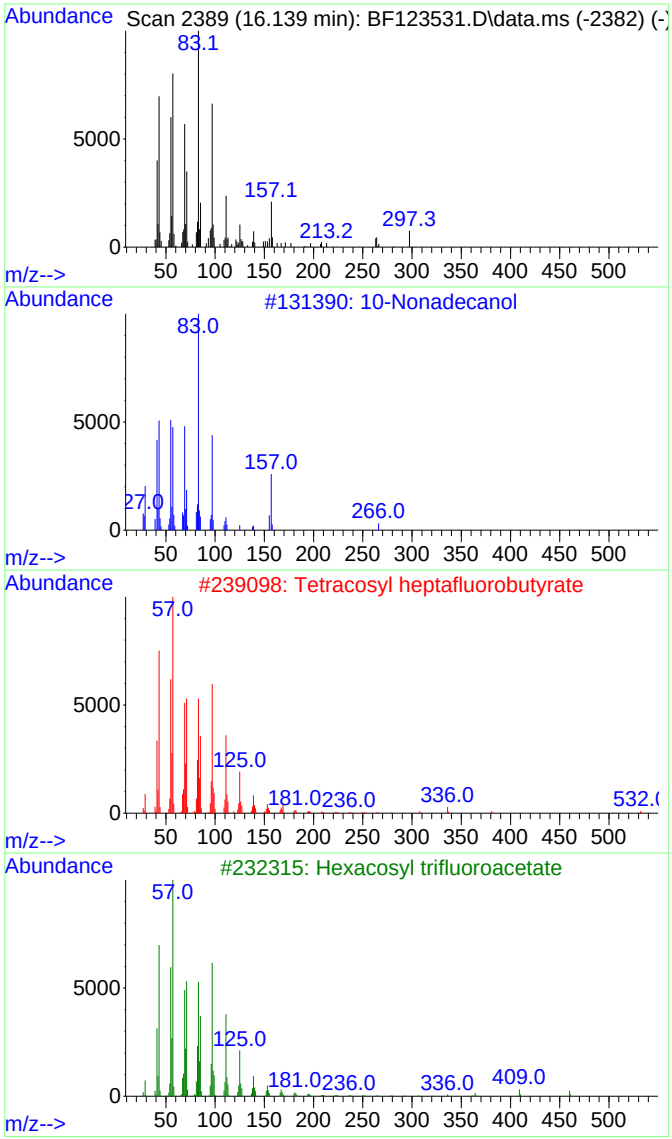
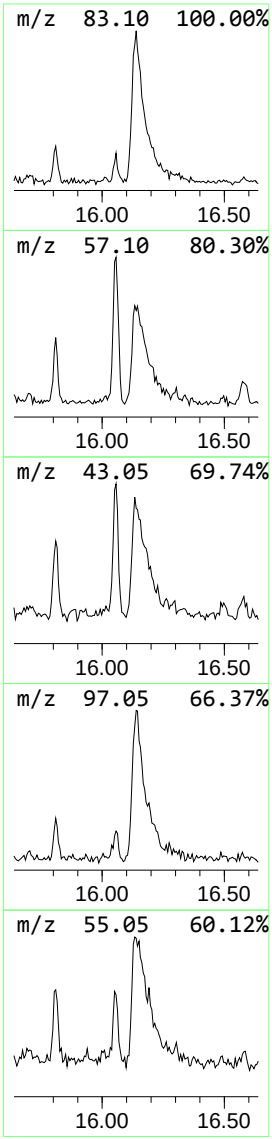
Peak Number 18 unknown16.139 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.139	13.64 ng	510401	Perylene-d12	15.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Nonadecanol	284	C19H40O	016840-84-9	49
2	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	46
3	Hexacosyl trifluoroacetate	478	C28H53F3O2	1000351-75-0	46
4	Hexacosyl pentafluoropropionate	528	C29H53F5O2	1000351-81-2	46
5	Heptacosyl pentafluoropropionate	542	C30H55F5O2	1000351-81-6	41





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Acq On : 30 Mar 2021 20:24
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Sample : M1832-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IG003

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.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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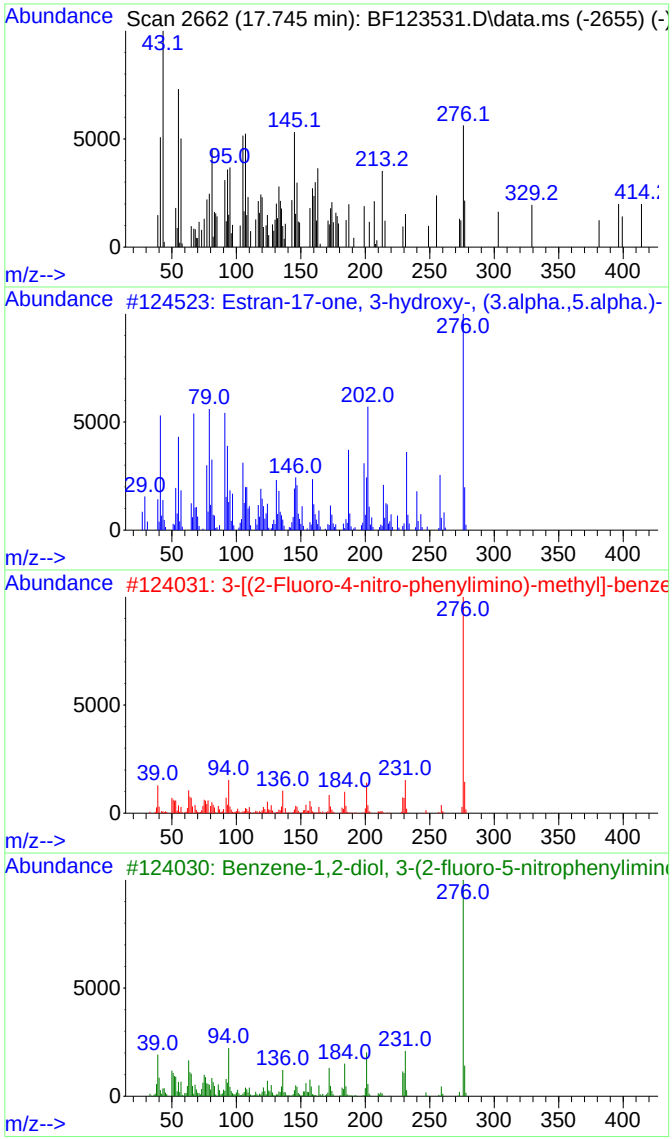
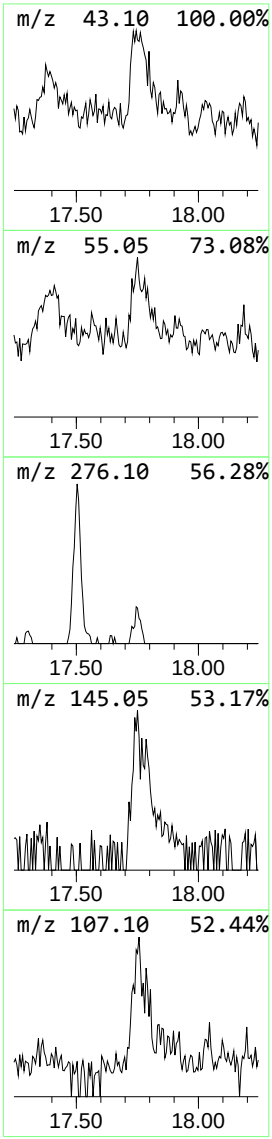
Peak Number 19 unknown17.745 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.745	7.50 ng	280775	Perylene-d12	15.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Estran-17-one, 3-hydroxy-, (3.al...	276	C18H28O2	001225-01-0	18
2	3-[(2-Fluoro-4-nitro-phenylimino...	276	C13H9FN2O4	1000295-49-7	11
3	Benzene-1,2-diol, 3-(2-fluoro-5-...	276	C13H9FN2O4	304478-53-3	11
4	4-Nitro-3-carbethoxy-1,2,7-trime...	276	C14H16N2O4	052916-05-9	10
5	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
Data File : BF123531.D
Acq On : 30 Mar 2021 20:24
Operator : JU/CG
Sample : M1832-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IG003

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.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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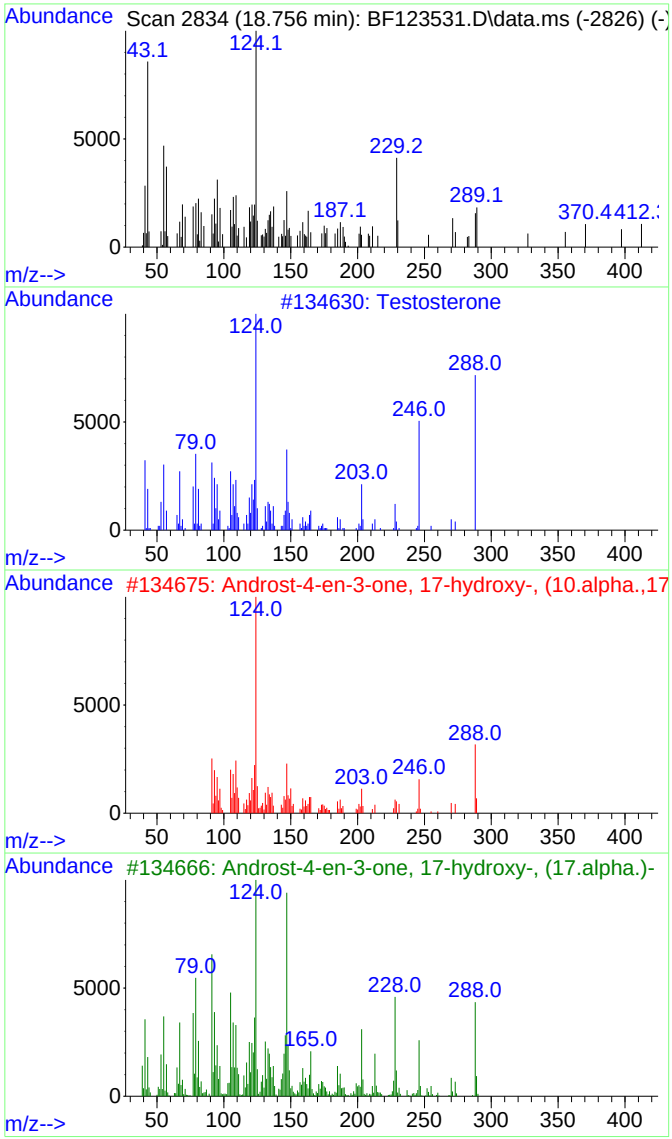
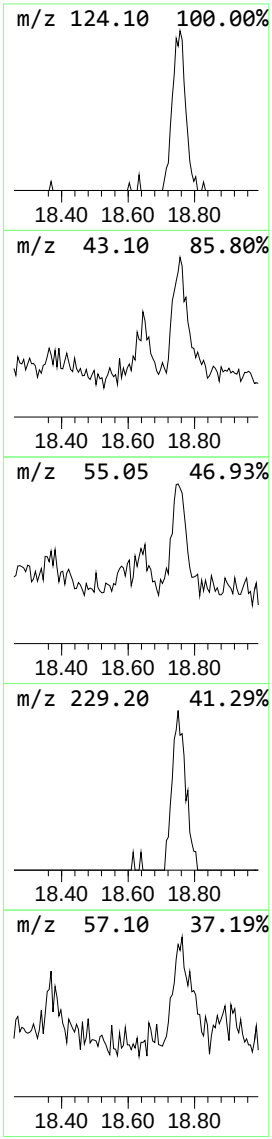
Peak Number 20 Testosterone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.756	7.70 ng	288023	Perylene-d12	15.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Testosterone	288	C19H28O2	000058-22-0	92
2	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	60
3	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000481-30-1	46
4	Acetamide, 2-[2-(5-methylfuran-2...	289	C15H15NO3S	1000259-79-3	38
5	(2,3-Dichlorophenyl)carbamic aci...	311	C14H11Cl2NO3	1000305-08-9	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
Data File : BF123531.D
Acq On : 30 Mar 2021 20:24
Operator : JU/CG
Sample : M1832-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IG003

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.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-metho...	2.210	19.3	ng	893906	1	6.881	924887	20.0
2-Pentanone, 4-...	5.110	9.4	ng	435961	1	6.881	924887	20.0
.alpha.-Pinene	6.169	5.9	ng	271170	1	6.881	924887	20.0
Camphene	6.340	4.3	ng	200467	1	6.881	924887	20.0
Bicyclo[2.2.1]h...	8.745	3.9	ng	279211	2	8.169	1450080	20.0
Benzoic acid, 2...	10.928	8.6	ng	1077200	4	11.422	2499210	20.0
Tridecanoic acid	11.951	5.0	ng	631404	4	11.422	2499210	20.0
1-Naphthalenepr...	12.504	6.8	ng	845303	4	11.422	2499210	20.0
unknown13.304	13.304	4.0	ng	222546	5	14.068	1101710	20.0
Heptadecyl trif...	13.945	16.8	ng	923733	5	14.068	1101710	20.0
1-Heneicosyl fo...	14.586	12.6	ng	696281	5	14.068	1101710	20.0
Octadecanoic ac...	14.839	4.2	ng	157263	6	15.563	748274	20.0
1,16-Hexadecane...	15.009	3.6	ng	135052	6	15.563	748274	20.0
Eicosane	15.210	6.7	ng	251701	6	15.563	748274	20.0
1-Docosene	15.286	5.3	ng	199731	6	15.563	748274	20.0
Oxirane, hexade...	15.810	3.6	ng	134809	6	15.563	748274	20.0
Octacosane	16.057	4.2	ng	155834	6	15.563	748274	20.0
unknown16.139	16.139	13.6	ng	510401	6	15.563	748274	20.0
unknown17.745	17.745	7.5	ng	280775	6	15.563	748274	20.0
Testosterone	18.756	7.7	ng	288023	6	15.563	748274	20.0