LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116534.D
Acq On : 25 Aug 2019 16:14
Operator : HP/JU
Sample : K4475-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T1-2-C

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-BF082319.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	2.263	21	30	37	rVB	1334113	1776094	51.02%	6.083%
2	5.510	577	582	585	rBV	2357950	2392601	68.73%	8.194%
3	6.510	746	752	755	rBV	2642379	2579147	74.09%	8.833%
4	6.651	772	776	780	rBV	2618975	2591781	74.45%	8.876%
5	6.881	812	815	819	rVB	961203	877064	25.19%	3.004%
6	7.039	838	842	846	rBV	2323055	2103372	60.42%	7.203%
7	7.439	904	910	913	rBV	1739450	1619188	46.51%	5.545%
8	8.163	1028	1033	1037	rBV	1267280	1116103	32.06%	3.822%
9	9.239	1210	1216	1219	rBV	4080812	3481244	100.00%	11.922%
10	9.351	1233	1235	1239	rVB	69273	60785	1.75%	0.208%
11	9.627	1278	1282	1287	rBV	322853	297672	8.55%	1.019%
12	9.916	1325	1331	1334	rBV	1407807	1191243	34.22%	4.080%
13	10.292	1392	1395	1399	rBV4	37365	60772	1.75%	0.208%
14	10.327	1399	1401	1404	rVV	103520	97241	2.79%	0.333%
15	10.386	1407	1411	1415	rBV3	68202	104895	3.01%	0.359%
16	10.498	1427	1430	1436	rBV4	58802	81533	2.34%	0.279%
17	10.698	1460	1464	1468	rBV	1712242	1686634	48.45%	5.776%
18	11.398	1580	1583	1586	rBV	1003782	920049	26.43%	3.151%
19	11.927	1671	1673	1676	rVB2	253905	201192	5.78%	0.689%
20	12.445	1759	1761	1766	rVB2	348990	352528	10.13%	1.207%
21	12.986	1849	1853	1856	rBV	3070412	2796487	80.33%	9.577%
22	13.880	2002	2005	2013	rVB3	285643	383189	11.01%	1.312%
23	14.033	2027	2031	2034	rBV2	718389	702555	20.18%	2.406%
24	14.556	2117	2120	2127	rVB2	166575	245040	7.04%	0.839%
25	14.892	2175	2177	2183	rVB2	123561	149666	4.30%	0.513%
26	15.068	2205	2207	2211	rBV	87131	144279	4.14%	0.494%
27	15.374	2256	2259	2264	rBV2	115580	126405	3.63%	0.433%
28	15.498	2277	2280	2284	rVB	463461	534612	15.36%	1.831%
29	16.233	2401	2405	2412	rVB2	115563	232380	6.68%	0.796%
30	16.668	2475	2479	2487	rVB2	159954	293689	8.44%	1.006%

Sum of corrected areas: 29199440

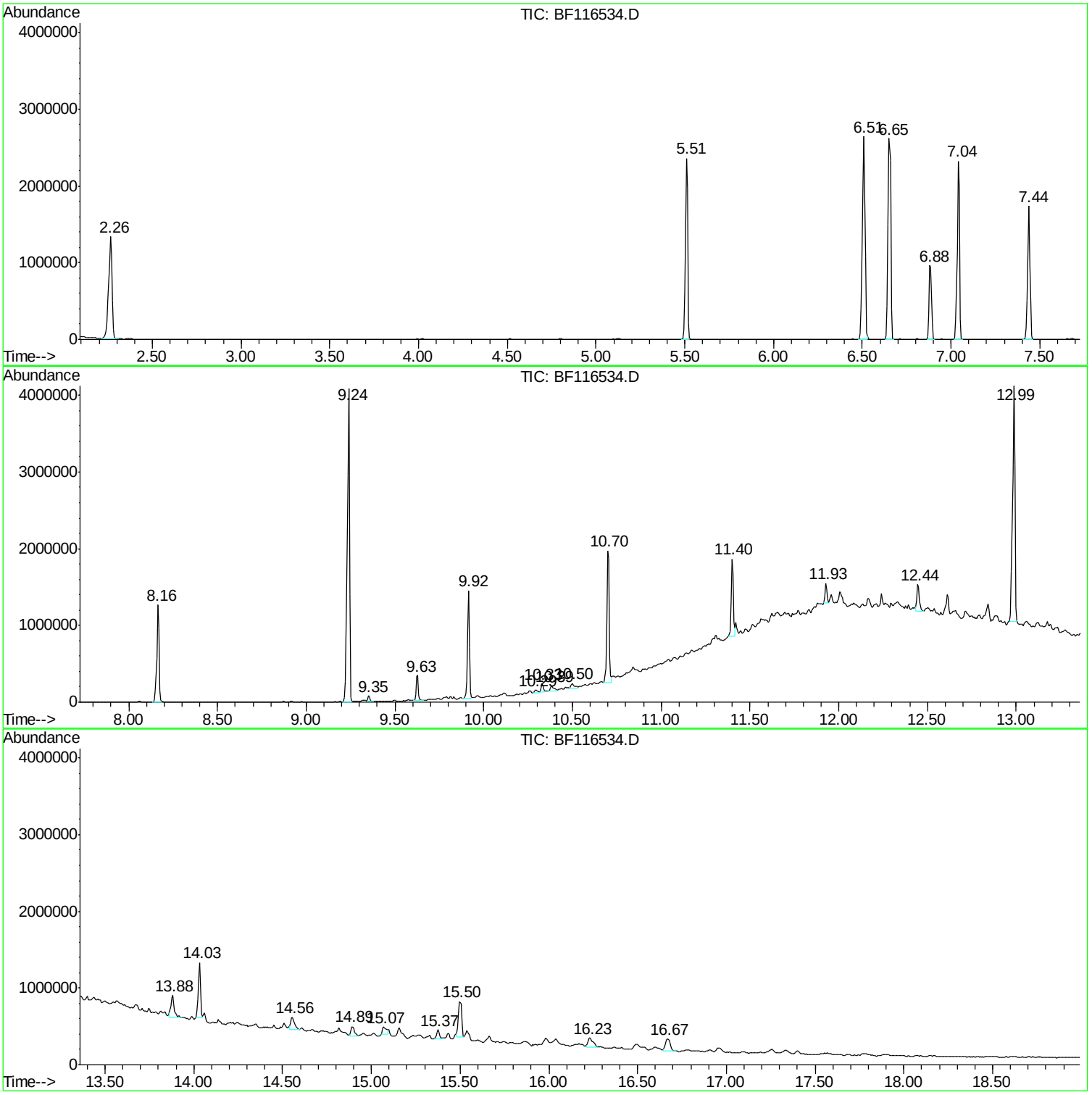
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116534.D
Acq On : 25 Aug 2019 16:14
Operator : HP/JU
Sample : K4475-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T1-2-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.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

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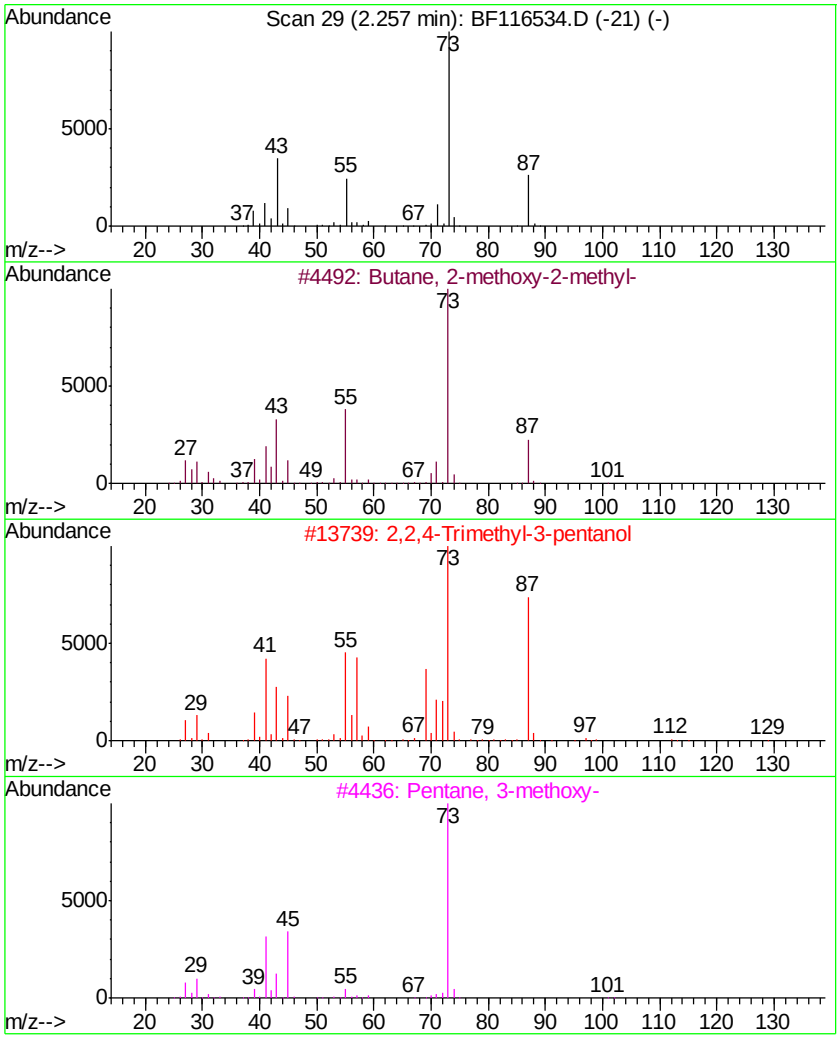
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

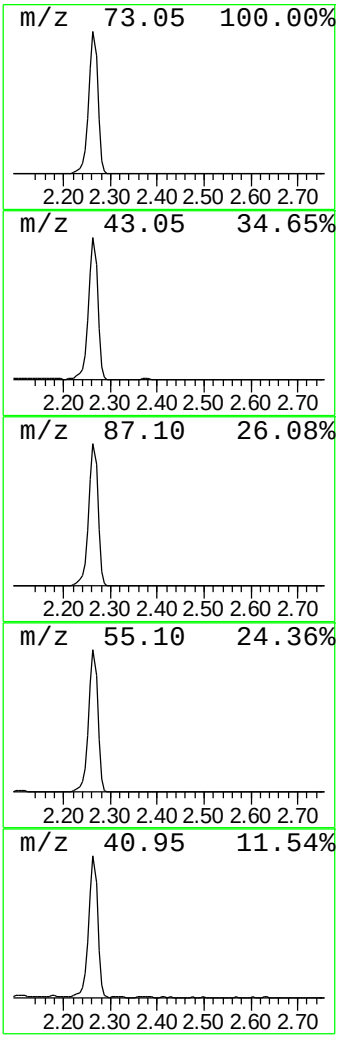
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.26	40.50 ng	1776090	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





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Operator : HP/JU
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Misc :
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Instrument : BNA_F
ClientSampleId : T1-2-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.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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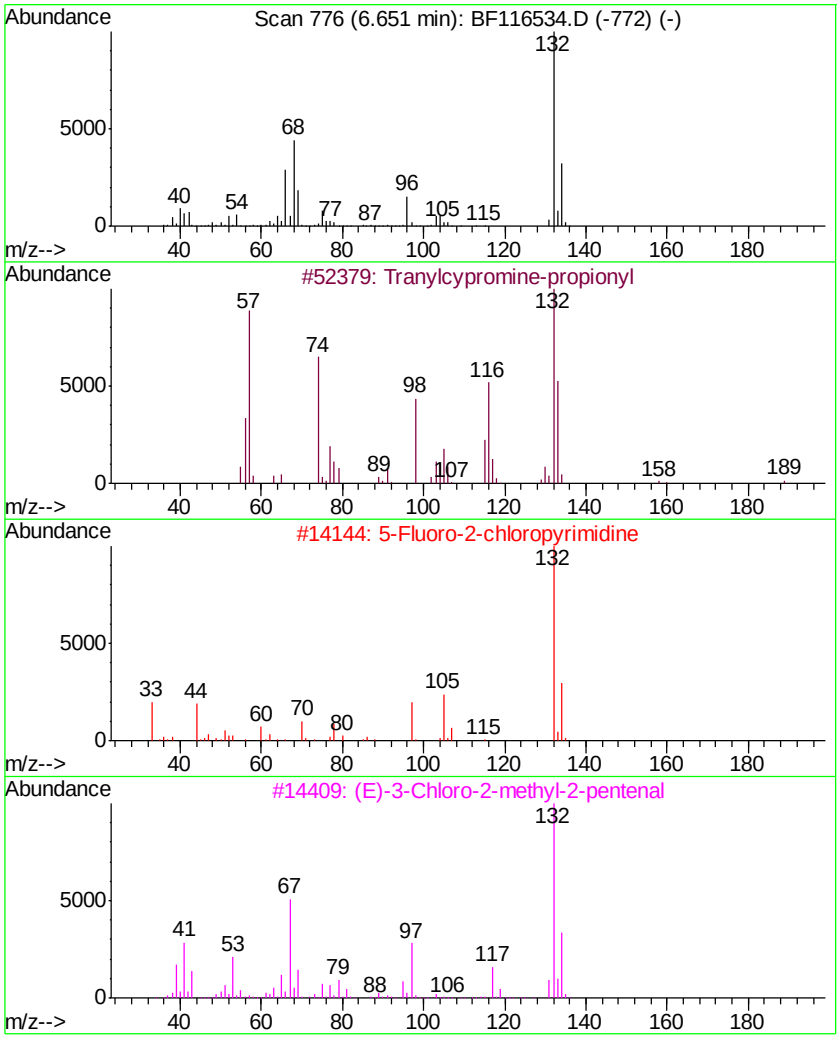
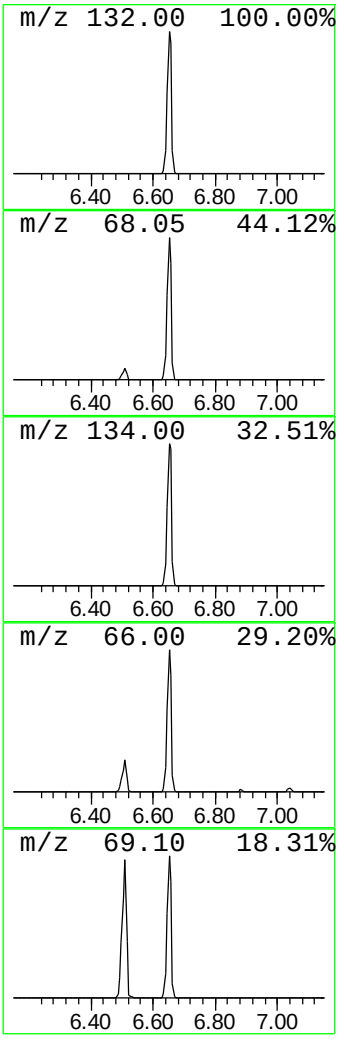
Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	59.10 ng	2591780	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Library Search Compound Report

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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T1-2-C

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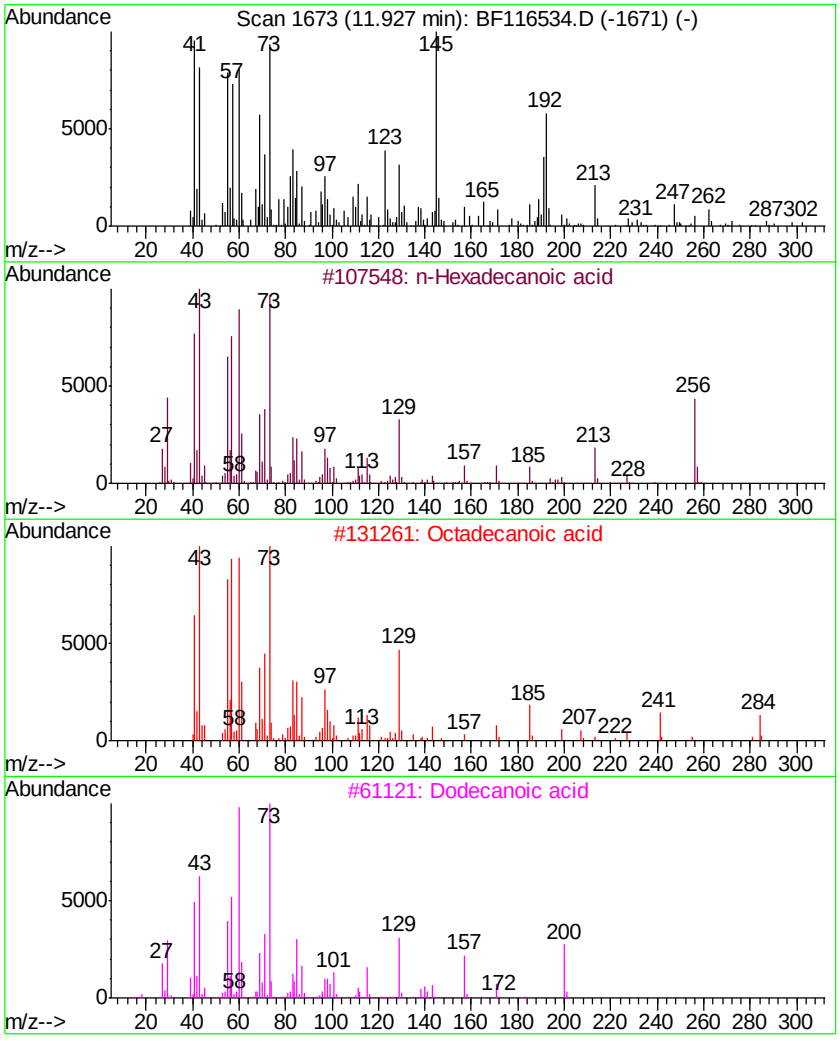
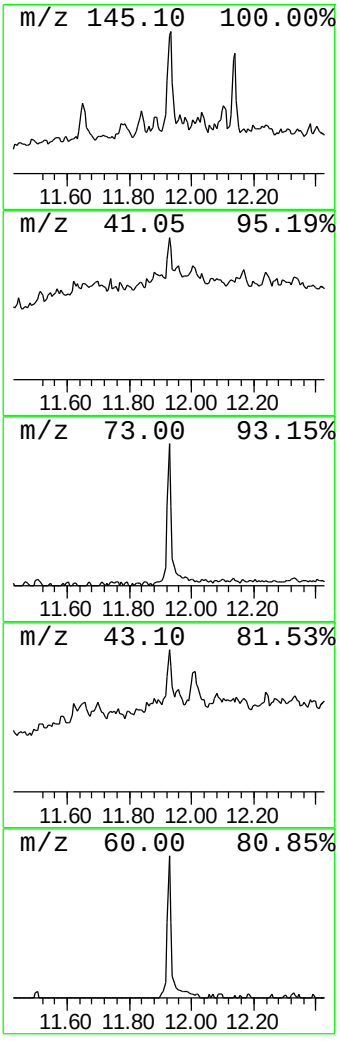
Peak Number 4 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	4.37 ng	201192	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62
2	Octadecanoic acid	284	C18H36O2	000057-11-4	18
3	Dodecanoic acid	200	C12H24O2	000143-07-7	18
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	18
5	n-Decanoic acid	172	C10H20O2	000334-48-5	14





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Data File : BF116534.D
Acq On : 25 Aug 2019 16:14
Operator : HP/JU
Sample : K4475-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T1-2-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

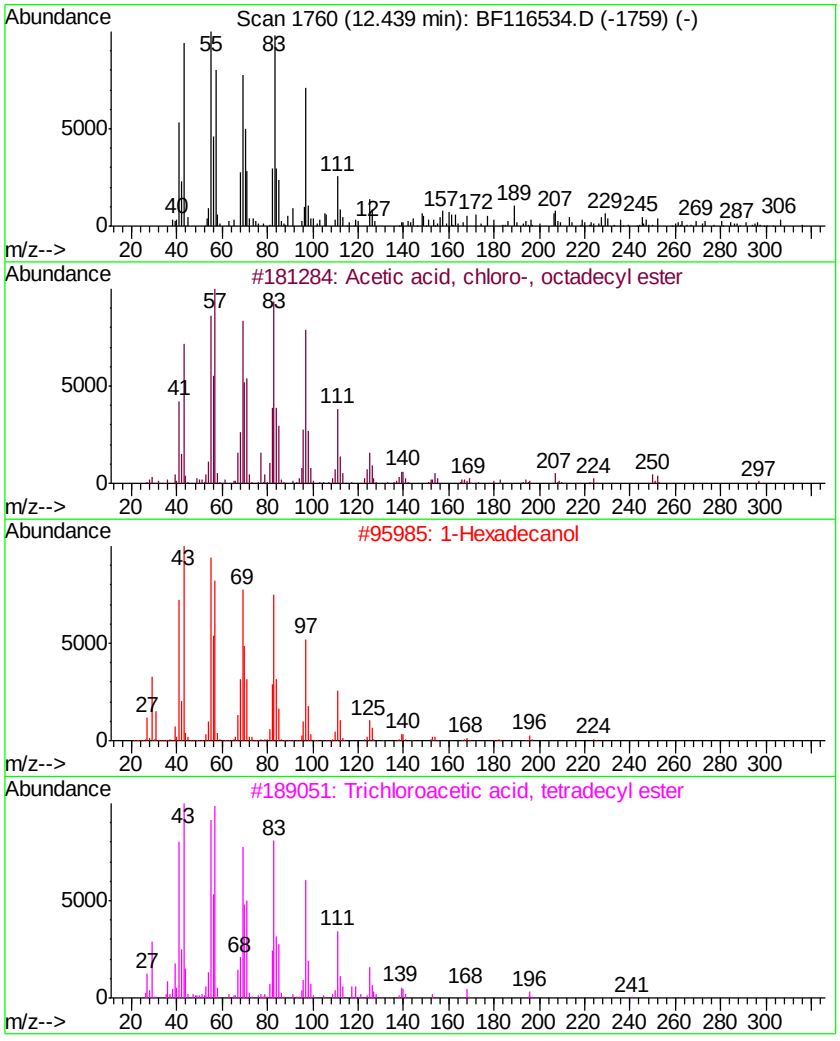
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

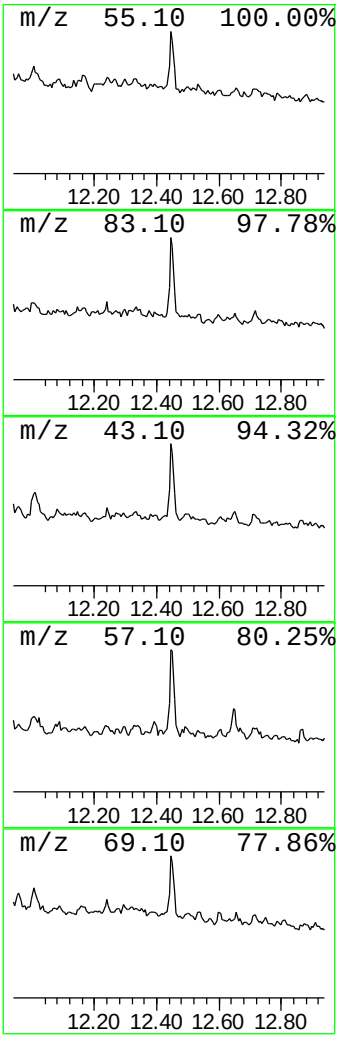
****

Peak Number 5 Acetic acid, chloro-, octad... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	7.66 ng	352528	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	91
2	1-Hexadecanol	242	C16H34O	036653-82-4	91
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
4	Pentafluoropropionic acid, tride...	346	C16H27F5O2	959261-22-4	91
5	Trichloroacetic acid, tridecyl e...	344	C15H27Cl3O2	074339-51-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
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Instrument : BNA_F
ClientSampleId : T1-2-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
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TIC Library : C:\DATABASE\NIST11.L
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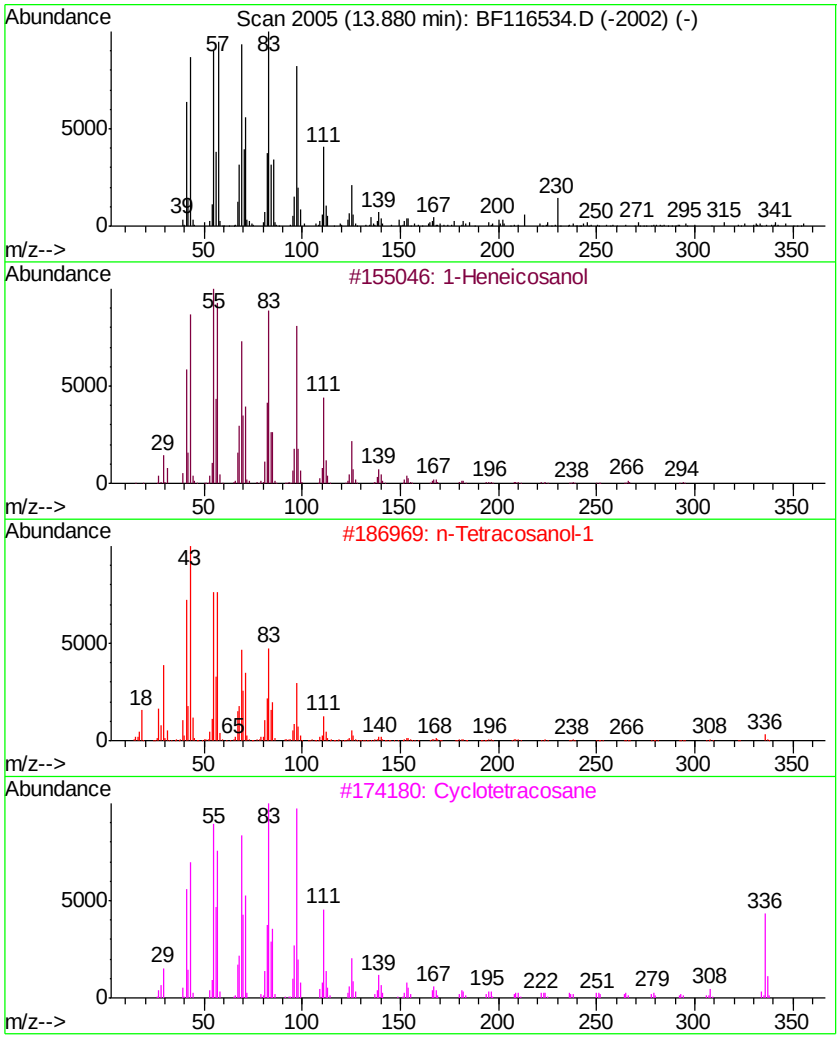
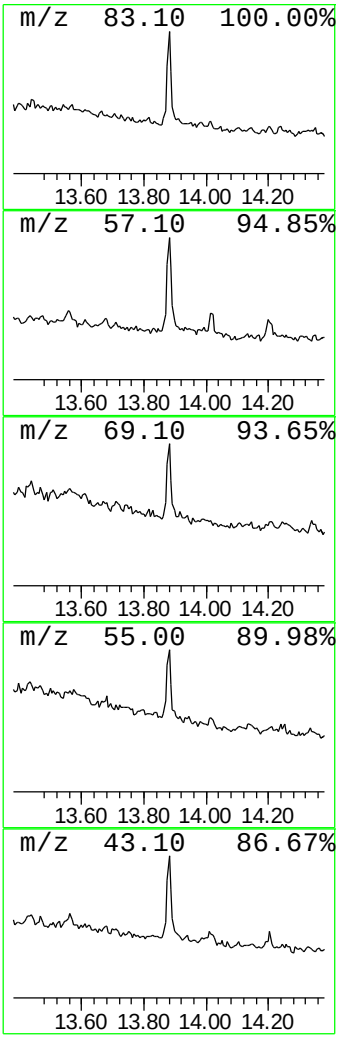
****

Peak Number 6 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	10.91 ng	383189	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3	Cyclotetracosane	336	C24H48	000297-03-0	91
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91





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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
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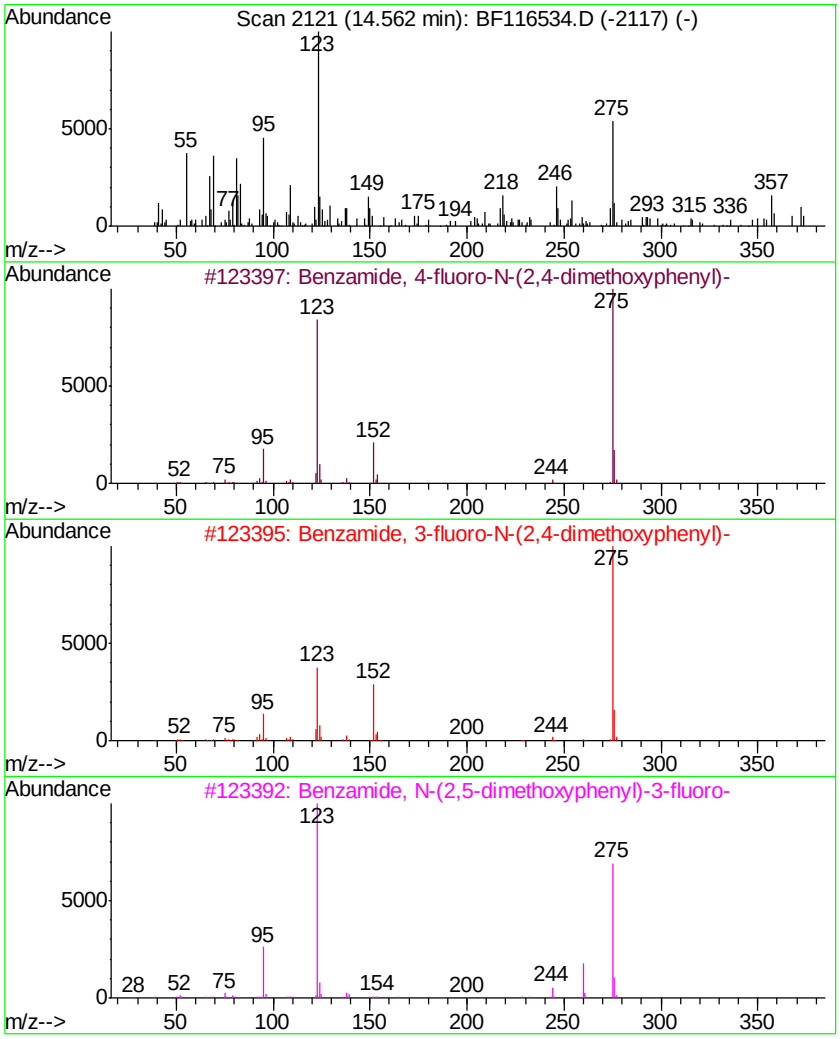
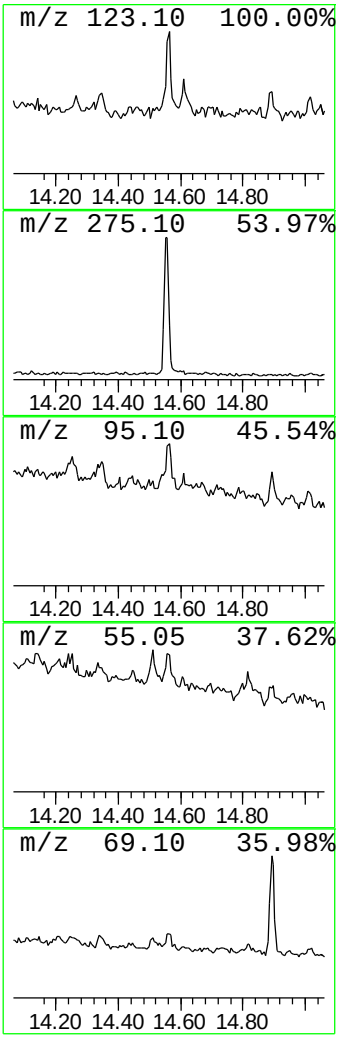
Peak Number 7 unknown14.56 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	6.98 ng	245040	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, 4-fluoro-N-(2,4-dimet...	275	C15H14FNO3	1000340-32-6	47
2	Benzamide, 3-fluoro-N-(2,4-dimet...	275	C15H14FNO3	1000339-95-1	46
3	Benzamide, N-(2,5-dimethoxyphenv...	275	C15H14FNO3	1000307-16-8	46
4	Acetic acid, 2-[5-(4-nitrophenyl...	275	C13H13N3O4	351064-45-4	46
5	8H-Benzo[g]-1,3-benzodioxolo[6,5...	275	C17H9NO3	000475-75-2	35





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Instrument : BNA_F
ClientSampleId : T1-2-C

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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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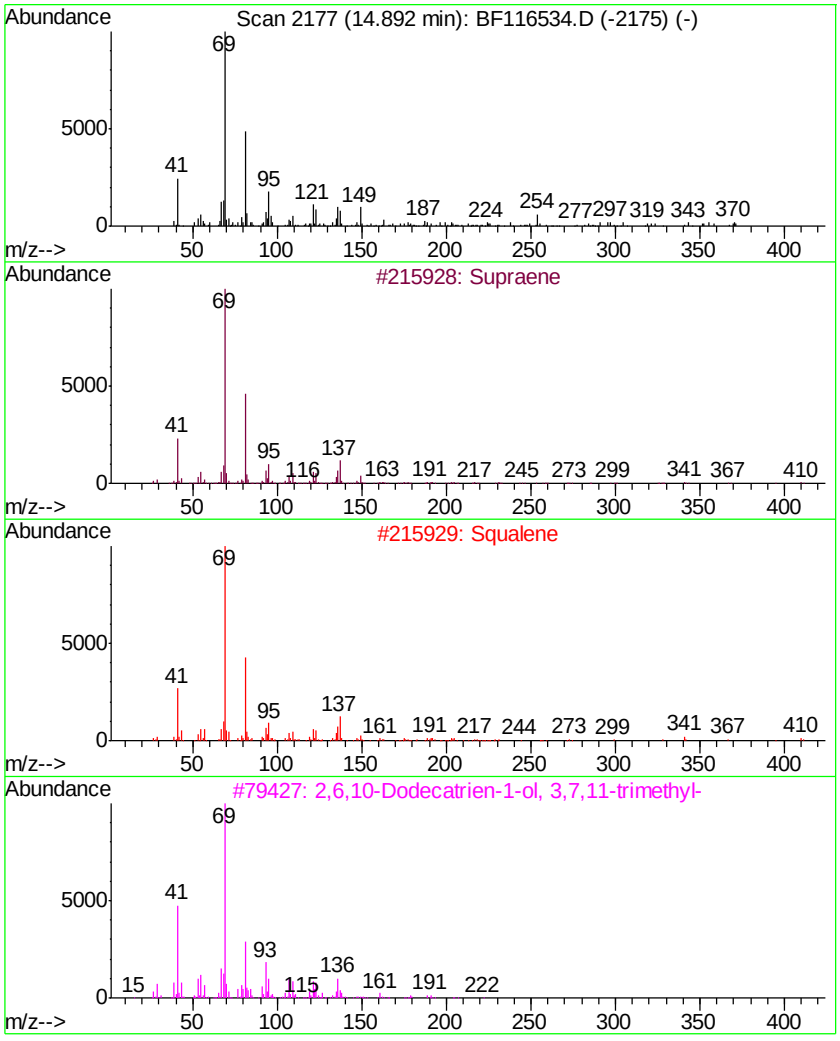
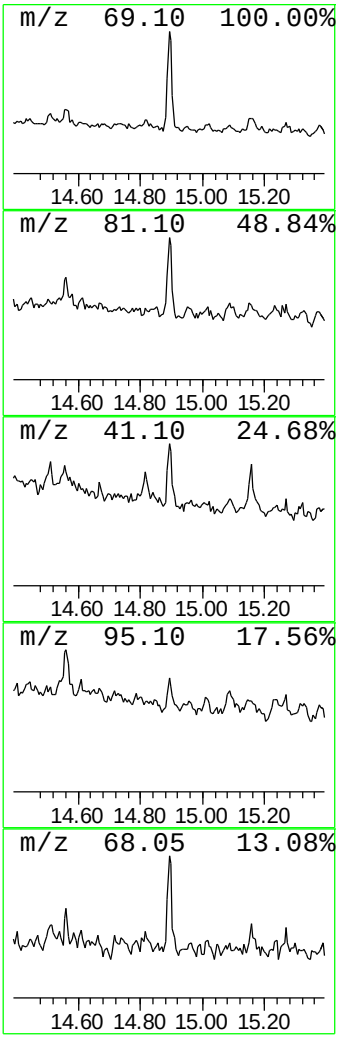
Peak Number 8 Supraene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	5.60 ng	149666	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	74
2	Squalene	410	C30H50	000111-02-4	72
3	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	64
4	Farnesol isomer a	222	C15H26O	1000108-92-4	59
5	2,6-Octadien-1-ol, 3,7-dimethyl-...	182	C11H18O2	000105-86-2	50





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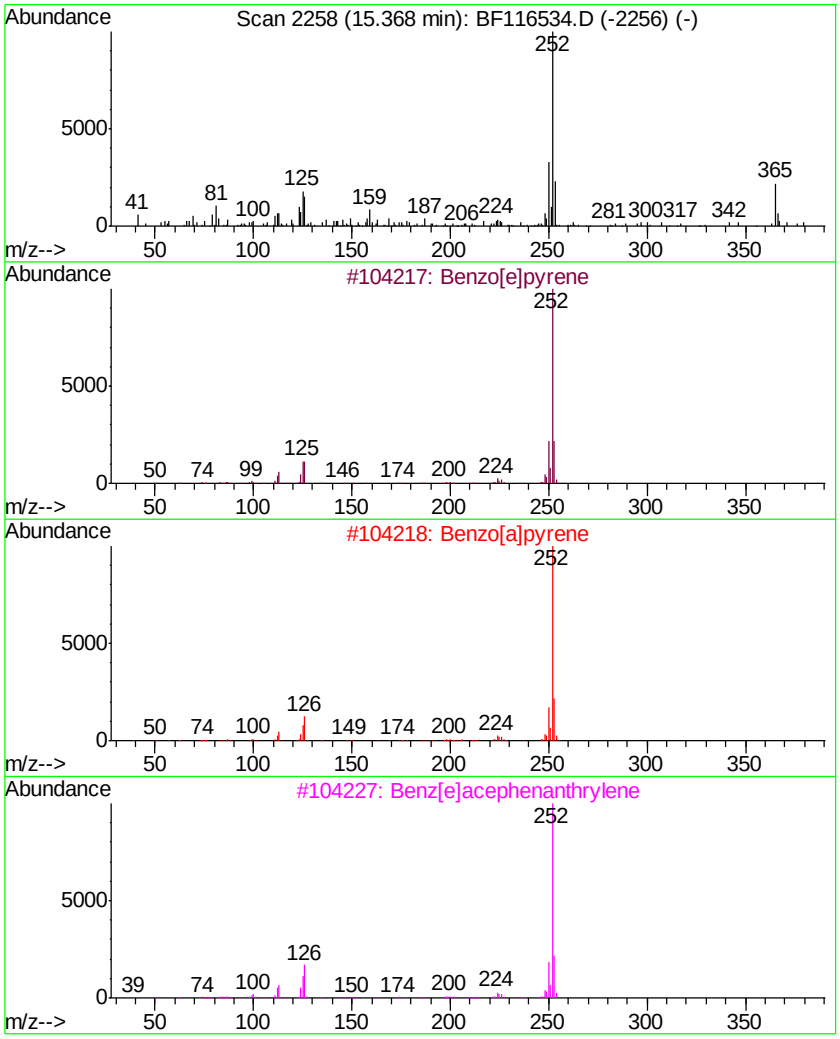
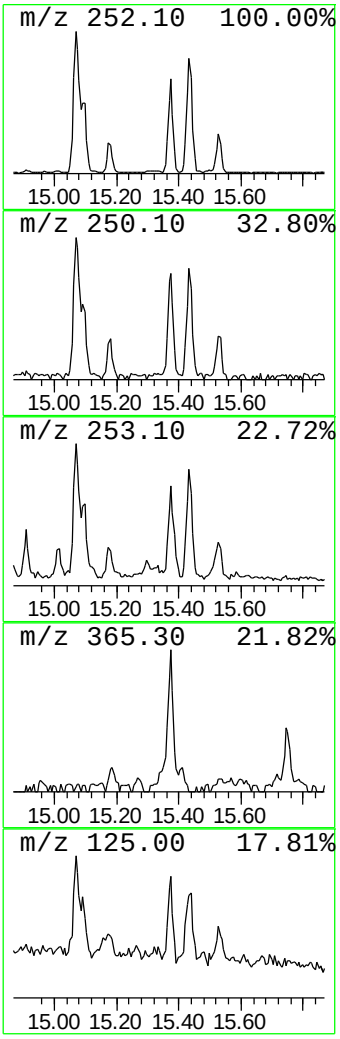
****

Peak Number 9 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	4.73 ng	126405	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[a]pyrene	252	C20H12	000050-32-8	92
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	92
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	83
5	Perylene	252	C20H12	000198-55-0	83





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Data File : BF116534.D
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Instrument : BNA_F
ClientSampleId : T1-2-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.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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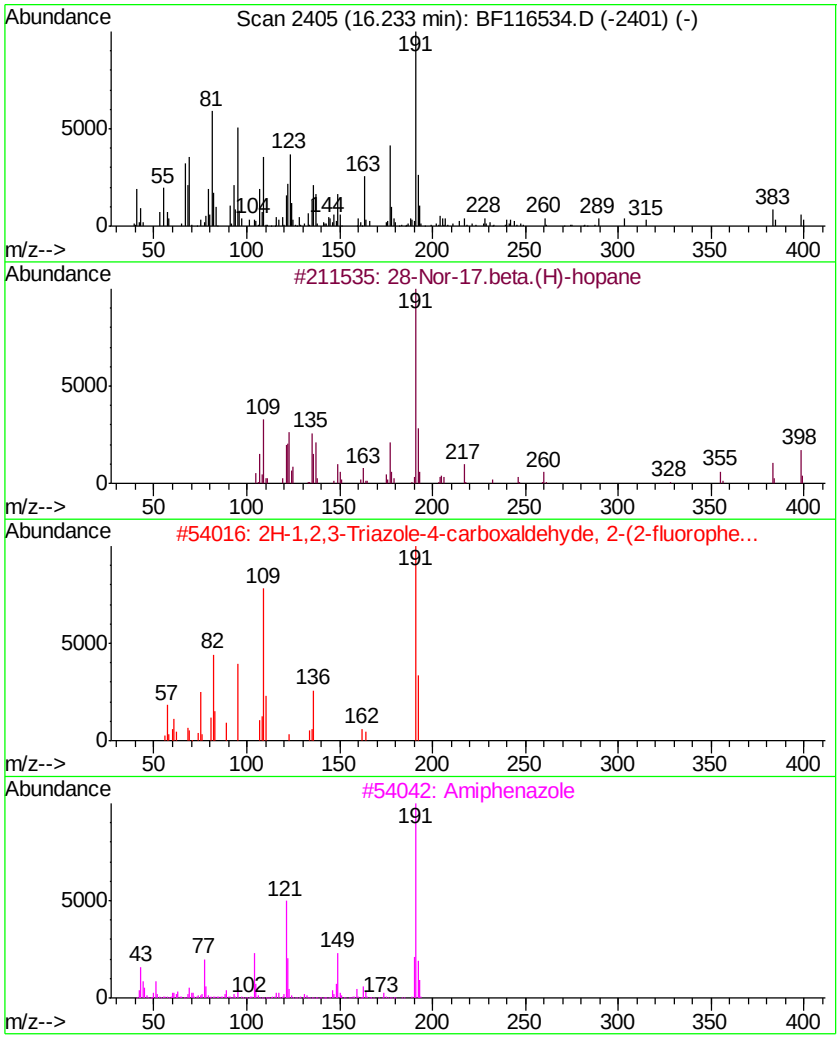
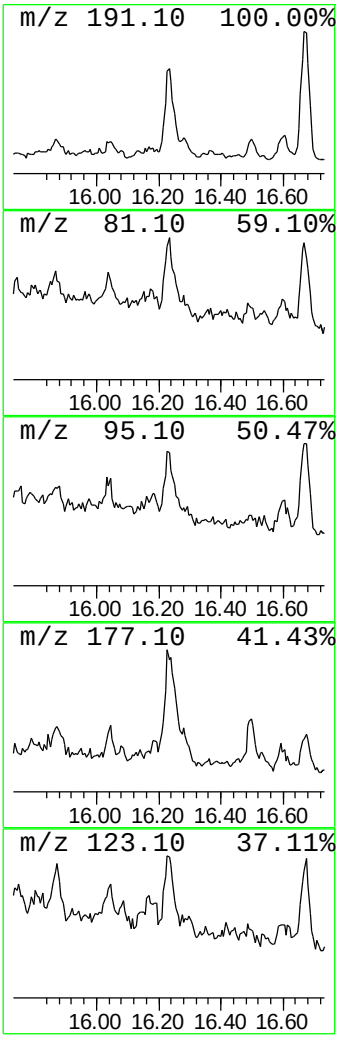
Peak Number 10 28-Nor-17.beta.(H)-hopane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	8.69 ng	232380	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	68
2	2H-1,2,3-Triazole-4-carboxaldehy...	191	C9H6FN3O	051306-43-5	38
3	Amiphenazole	191	C9H9N3S	000490-55-1	35
4	Isoquinoline, 1,2,3,4-tetrahydro...	283	C18H21NO2	036646-87-4	25
5	4-Fluoro-2-trifluoromethylbenzoi...	326	C14H15ClF4O2	1000343-77-1	22





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Data File : BF116534.D
Acq On : 25 Aug 2019 16:14
Operator : HP/JU
Sample : K4475-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T1-2-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

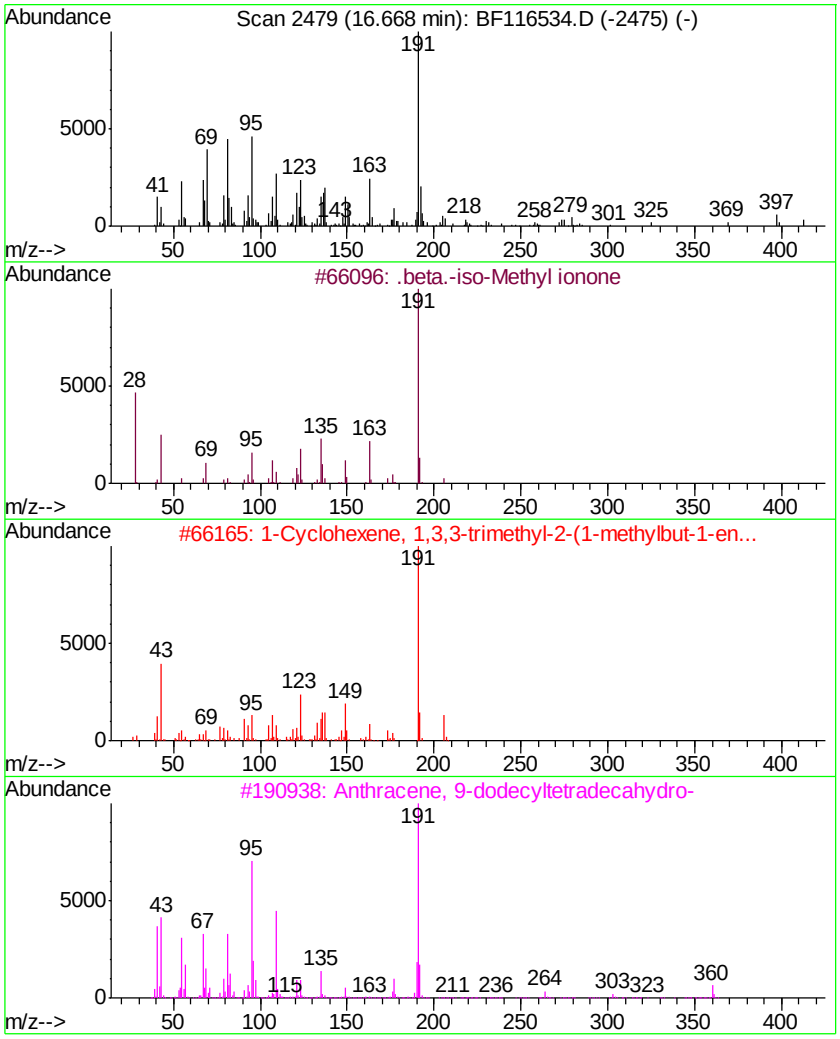
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

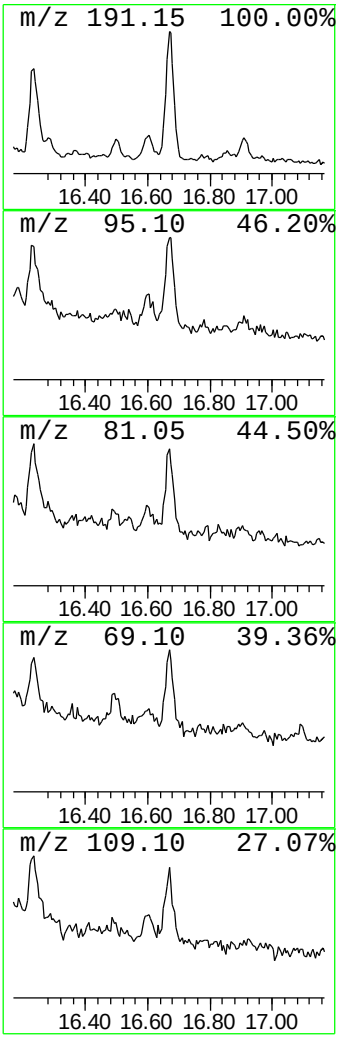
****

Peak Number 11 .beta.-iso-Methyl ionone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	10.99 ng	293689	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	68
2	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	50
3	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	50
4	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	46
5	(7a-Isopropenyl-4,5-dimethylocta...	222	C15H26O	1000187-02-9	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082519\
Data File : BF116534.D
Acq On : 25 Aug 2019 16:14
Operator : HP/JU
Sample : K4475-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T1-2-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.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-methoxy...	2.26	40.5	ng	1776090	1	6.89	877064	20.0
unknown6.65	6.65	59.1	ng	2591780	1	6.89	877064	20.0
n-Hexadecanoic acid	11.93	4.4	ng	201192	4	11.40	920049	20.0
Acetic acid, chlo...	12.44	7.7	ng	352528	4	11.40	920049	20.0
1-Heneicosanol	13.88	10.9	ng	383189	5	14.03	702555	20.0
unknown14.56	14.56	7.0	ng	245040	5	14.03	702555	20.0
Supraene	14.89	5.6	ng	149666	6	15.50	534612	20.0
Benzo[e]pyrene	15.37	4.7	ng	126405	6	15.50	534612	20.0
28-Nor-17.beta.(H...	16.23	8.7	ng	232380	6	15.50	534612	20.0
.beta.-iso-Methyl...	16.67	11.0	ng	293689	6	15.50	534612	20.0