LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116494.D
Acq On : 23 Aug 2019 23:02
Operator : HP/JU
Sample : K4387-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T4-B1-B4-(0-2)

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	2.205	14	20	26	rVB	1683286	2319866	100.00%	9.920%
2	2.299	34	36	48	rVB3	15838	34122	1.47%	0.146%
3	4.740	432	451	452	rBV	14815	47857	2.06%	0.205%
4	5.504	576	581	584	rBV	2330865	2168540	93.48%	9.272%
5	6.504	746	751	754	rBV	2289402	2281104	98.33%	9.754%
6	6.651	771	776	779	rBV	2552211	2318783	99.95%	9.915%
7	6.881	812	815	819	rBV	825689	705381	30.41%	3.016%
8	7.040	838	842	845	rVB	2031621	1673619	72.14%	7.156%
9	7.439	905	910	913	rBV	1596376	1400017	60.35%	5.986%
10	8.163	1029	1033	1036	rBV	1112023	888024	38.28%	3.797%
11	9.233	1211	1215	1218	rBV	2534334	2129571	91.80%	9.106%
12	9.622	1278	1281	1285	rBV	143020	104940	4.52%	0.449%
13	9.916	1327	1331	1334	rBV	979324	907869	39.13%	3.882%
14	10.392	1407	1412	1415	rBV5	13594	24966	1.08%	0.107%
15	10.698	1460	1464	1467	rBV	1358123	1212733	52.28%	5.186%
16	11.398	1579	1583	1585	rBV	847721	761299	32.82%	3.255%
17	11.416	1585	1586	1589	rVB	127026	95322	4.11%	0.408%
18	11.927	1670	1673	1676	rBV	207945	194803	8.40%	0.833%
19	12.610	1786	1789	1793	rVB	282403	267743	11.54%	1.145%
20	12.833	1825	1827	1832	rVB	232792	209372	9.03%	0.895%
21	12.980	1848	1852	1855	rVB	1762402	1447988	62.42%	6.191%
22	13.874	2001	2004	2012	rVB2	292074	333231	14.36%	1.425%
23	14.027	2026	2030	2033	rBV2	700788	809419	34.89%	3.461%
24	15.068	2204	2207	2210	rBV	124011	174587	7.53%	0.747%
25	15.368	2256	2258	2263	rVB	91343	101182	4.36%	0.433%
26	15.427	2266	2268	2273	rVB	139312	158384	6.83%	0.677%
27	15.498	2276	2280	2283	rVB	540354	616148	26.56%	2.635%

Sum of corrected areas: 23386870

LSC Report - Integrated Chromatogram

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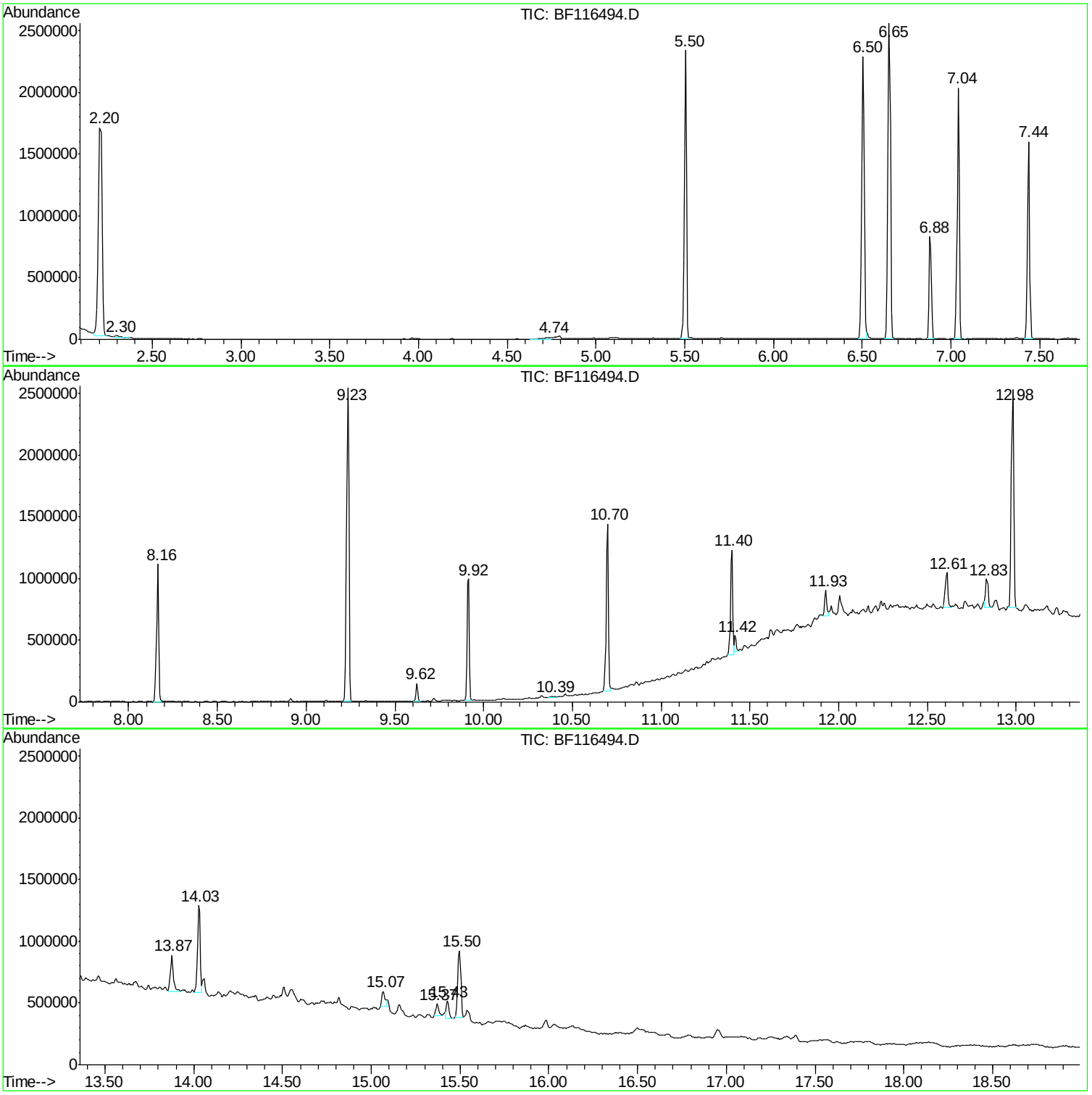
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T4-B1-B4-(0-2)

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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Operator : HP/JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T4-B1-B4-(0-2)

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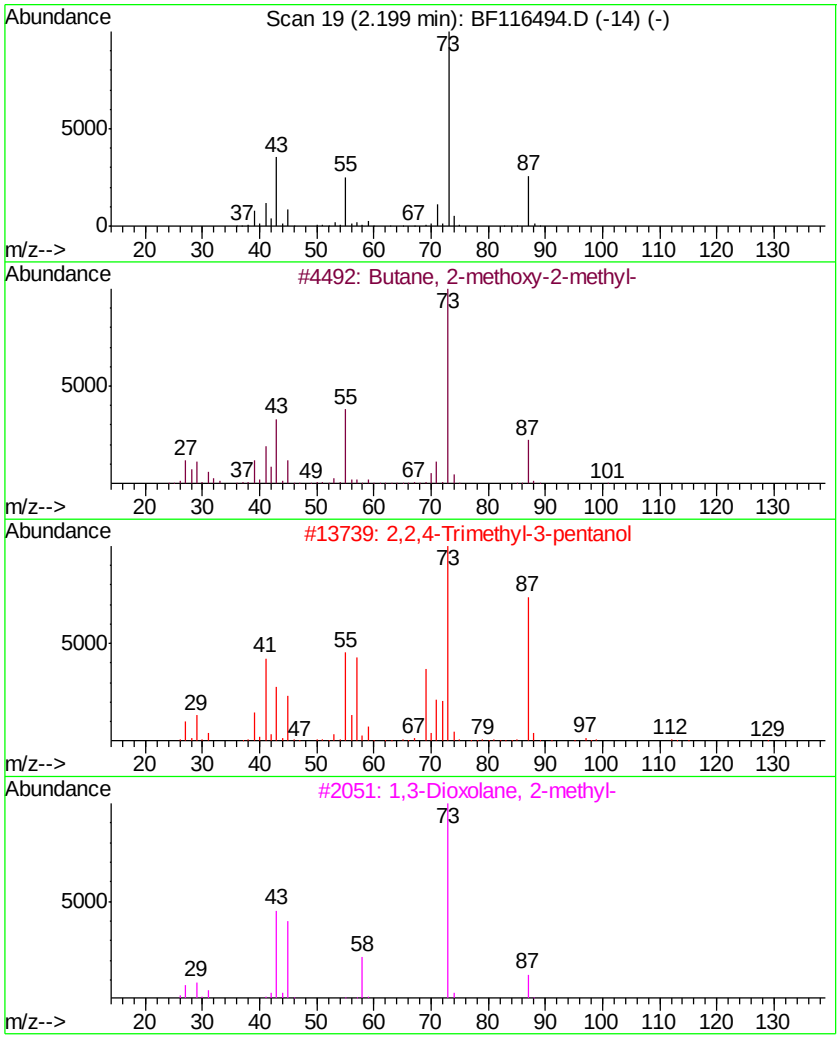
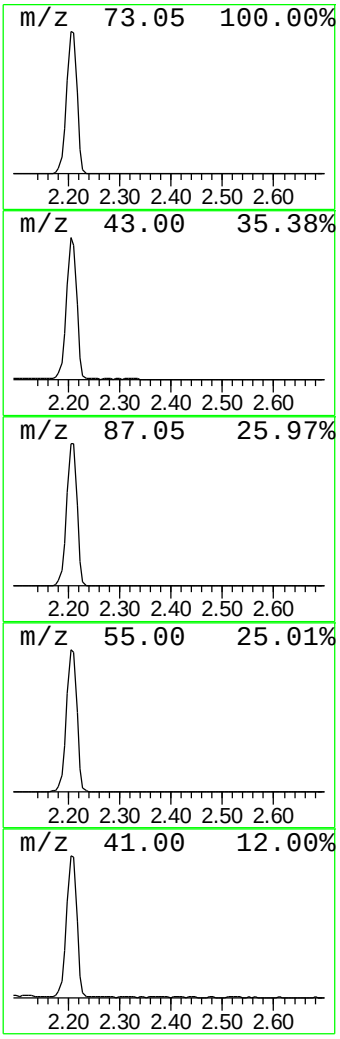
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.20	65.78 ng	2319870	1,4-Dichlorobenzene-d4	6.88

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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22





Library Search Compound Report

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Operator : HP/JU
Sample : K4387-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T4-B1-B4-(0-2)

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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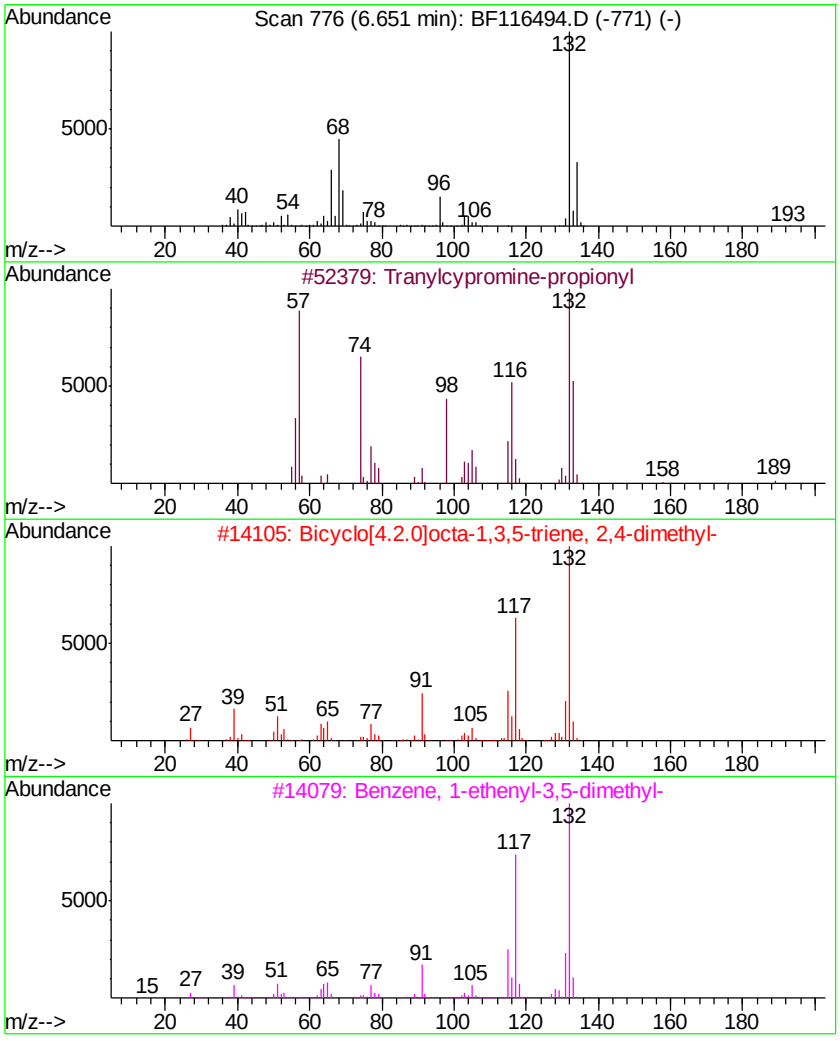
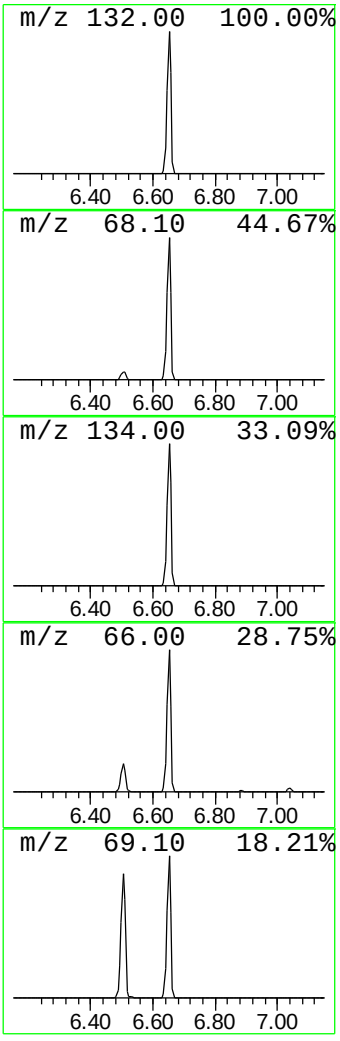
Peak Number 2 unknown6.65 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	65.75 ng	2318780	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
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Operator : HP/JU
Sample : K4387-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T4-B1-B4-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
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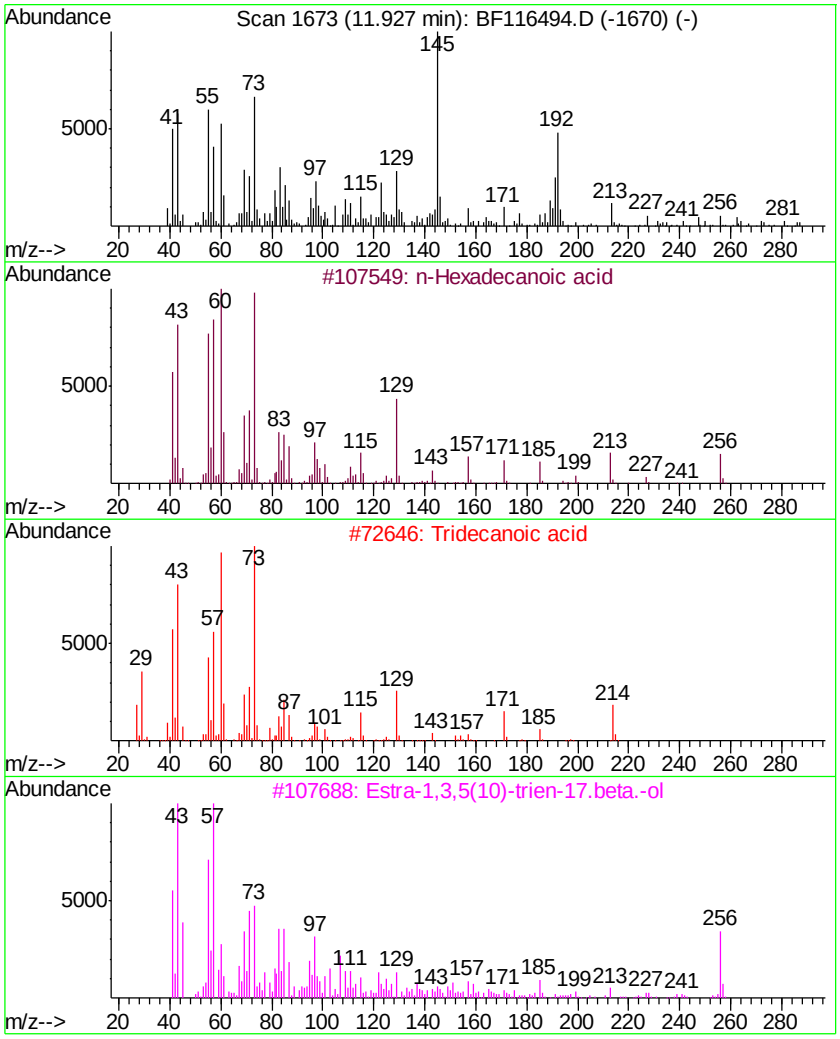
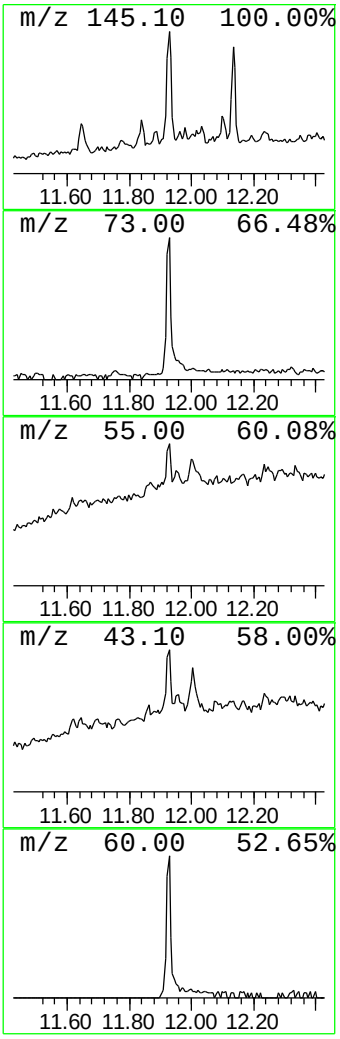
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	5.12 ng	194803	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Tridecanoic acid	214	C13H26O2	000638-53-9	68
3	Estra-1,3,5(10)-trien-17.beta.-ol	256	C18H24O	002529-64-8	44
4	Aniline, N-acetyl-3,5-difluoro-4...	187	C8H7F2NO2	151414-41-4	22
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	20





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Instrument : BNA_F
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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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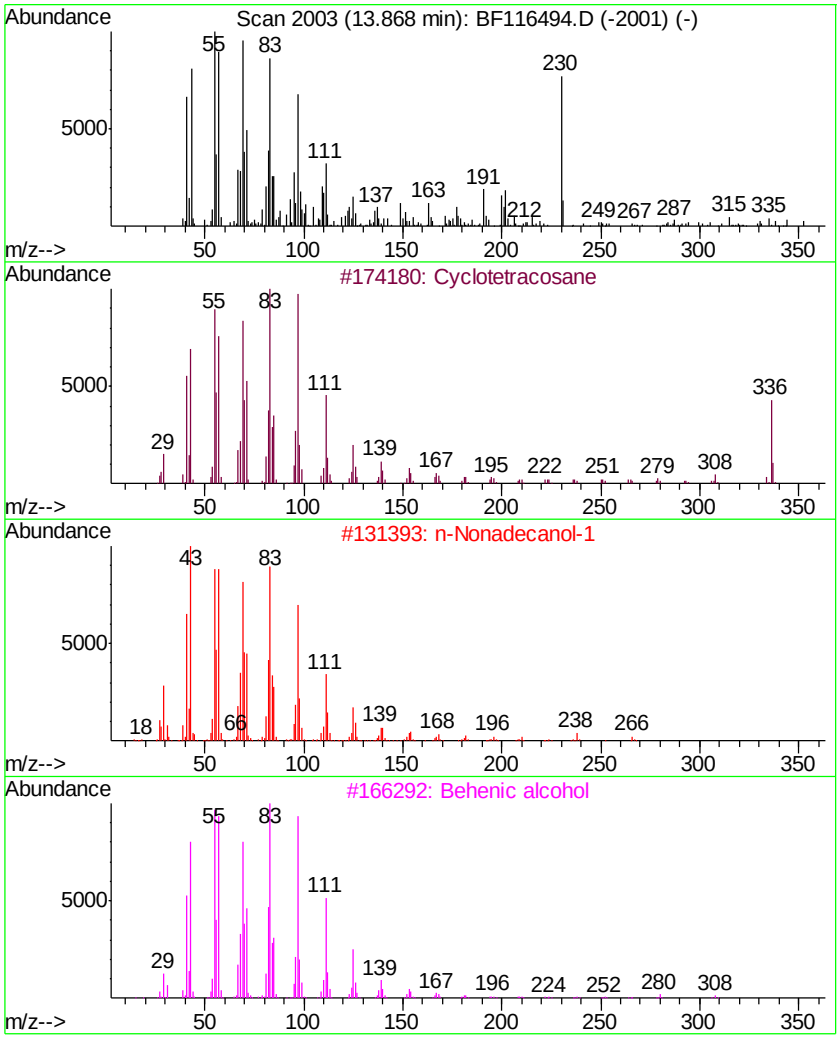
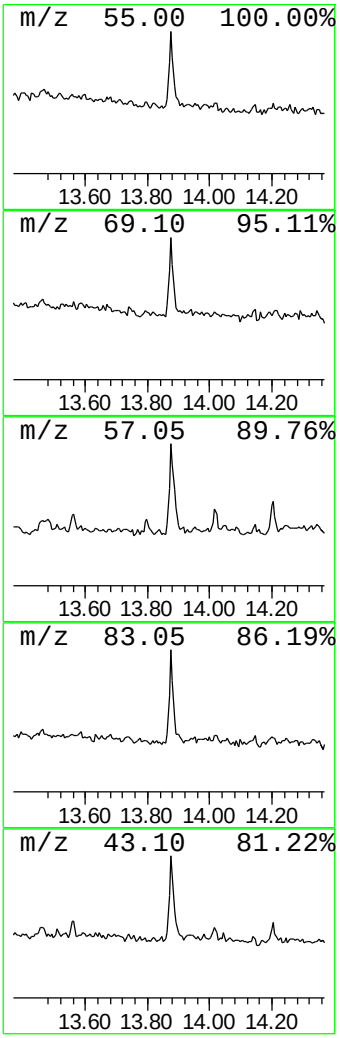
Peak Number 5 Cyclotetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	8.23 ng	333231	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	97
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	1-Heptacosanol	396	C27H56O	002004-39-9	93
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T4-B1-B4-(0-2)

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

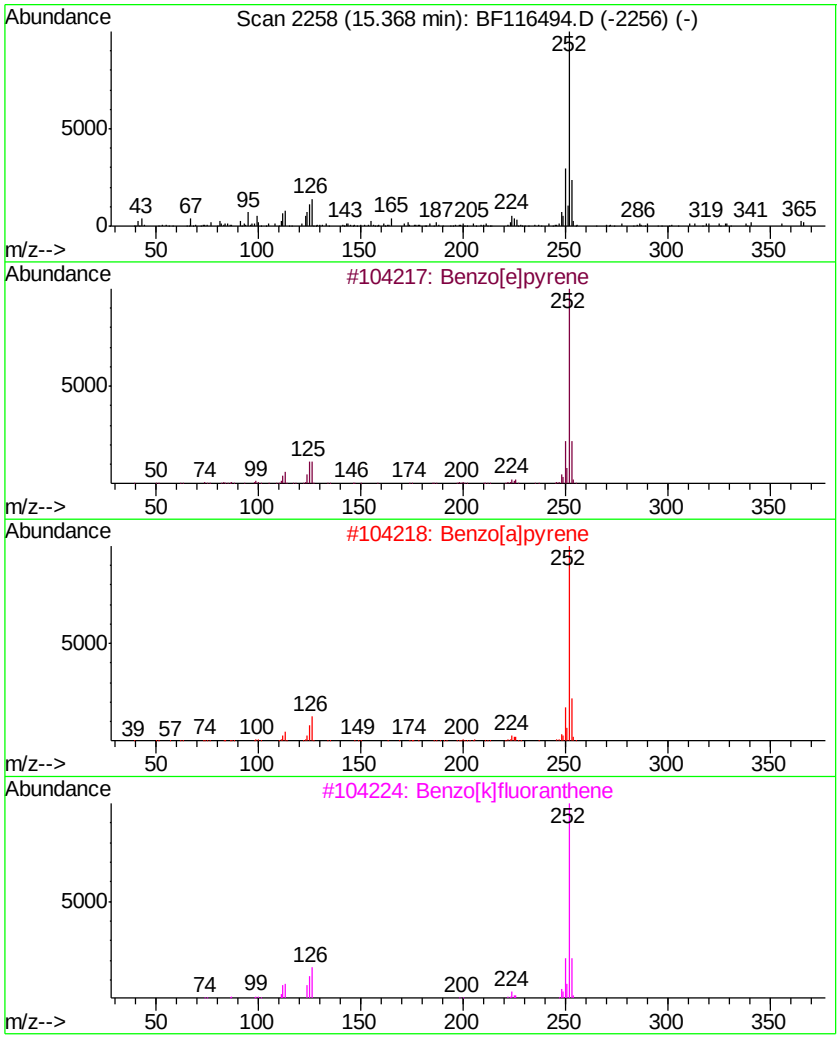
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

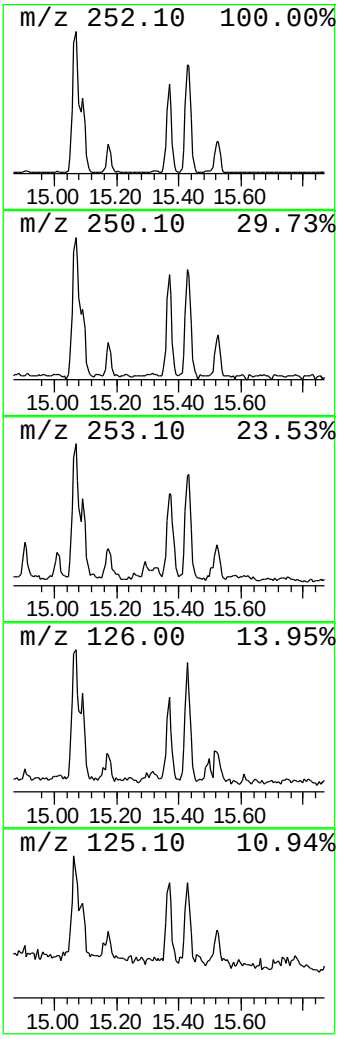
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	3.28 ng	101182	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[a]pyrene	252	C20H12	000050-32-8	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4	Perylene	252	C20H12	000198-55-0	94
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.20	65.8	ng	2319870	1	6.88	705381	20.0
unknown6.65	6.65	65.8	ng	2318780	1	6.88	705381	20.0
n-Hexadecanoic acid	11.93	5.1	ng	194803	4	11.40	761299	20.0
Cyclotetracosane	13.87	8.2	ng	333231	5	14.03	809419	20.0
Benzo[e]pyrene	15.37	3.3	ng	101182	6	15.50	616148	20.0