LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116538.D
Acq On : 25 Aug 2019 18:03
Operator : HP/JU
Sample : K4385-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T8-E1-E4-(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	2.234	18	25	33	rVB	2390950	3256259	100.00%	9.008%
2	3.440	225	230	240	rBV2	20620	36609	1.12%	0.101%
3	5.510	575	582	585	rBV	2876305	2942384	90.36%	8.140%
4	6.516	746	753	762	rBV	2779459	3196729	98.17%	8.844%
5	6.657	771	777	780	rBV	3320379	3193519	98.07%	8.835%
6	6.886	812	816	819	rBV	973158	900134	27.64%	2.490%
7	7.045	838	843	846	rVB	2548095	2388747	73.36%	6.608%
8	7.128	854	857	861	rBV	43171	46619	1.43%	0.129%
9	7.204	866	870	873	rBV	74721	60618	1.86%	0.168%
10	7.351	892	895	897	rBV	41259	34573	1.06%	0.096%
11	7.445	904	911	913	rBV	1853353	2010635	61.75%	5.562%
12	7.657	940	947	949	rBV	110019	102572	3.15%	0.284%
13	7.681	949	951	956	rVB	220874	170254	5.23%	0.471%
14	7.904	985	989	992	rVB	81467	78358	2.41%	0.217%
15	8.163	1029	1033	1036	rBV	1275646	1146826	35.22%	3.173%
16	8.186	1036	1037	1041	rVB	119302	77045	2.37%	0.213%
17	8.910	1157	1160	1167	rVB	38876	41780	1.28%	0.116%
18	9.239	1210	1216	1219	rBV	3596701	3029072	93.02%	8.380%
19	9.322	1225	1230	1234	rBV4	36207	46730	1.44%	0.129%
20	9.622	1278	1281	1286	rBV	238592	218275	6.70%	0.604%
21	9.792	1304	1310	1312	rBV3	51286	71267	2.19%	0.197%
22	9.833	1315	1317	1319	rVB2	48915	36213	1.11%	0.100%
23	9.874	1319	1324	1326	rBV3	28248	36129	1.11%	0.100%
24	9.916	1326	1331	1334	rBV	1414785	1173600	36.04%	3.247%
25	10.304	1392	1397	1399	rBV5	41211	73264	2.25%	0.203%
26	10.327	1399	1401	1406	rVV2	94430	95639	2.94%	0.265%
27	10.386	1407	1411	1415	rVV2	60826	90282	2.77%	0.250%
28	10.463	1421	1424	1428	rBV	86352	80240	2.46%	0.222%
29	10.698	1460	1464	1468	rBV	1699958	1500539	46.08%	4.151%
30	11.398	1580	1583	1585	rBV	1017014	844345	25.93%	2.336%
31	11.421	1585	1587	1590	rVB	385948	272810	8.38%	0.755%
32	11.927	1671	1673	1676	rBV	386090	315295	9.68%	0.872%
33	12.610	1786	1789	1792	rVB	610634	523770	16.09%	1.449%
34	12.839	1826	1828	1833	rVB	470001	380155	11.67%	1.052%

LSC Area Percent Report

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Sample : K4385-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T8-E1-E4-(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

35	12.892	1834	1837	1840	rVB	440899	410000	12.59%	1.134%
36	12.986	1849	1853	1856	rBV	1939120	1817758	55.82%	5.029%
37	13.880	2002	2005	2014	rVB4	384215	601140	18.46%	1.663%
38	14.033	2027	2031	2034	rBV3	668101	892470	27.41%	2.469%
39	14.568	2119	2122	2127	rVB	504075	691379	21.23%	1.913%
40	15.386	2259	2261	2266	rVB2	488147	580789	17.84%	1.607%
41	16.251	2404	2408	2414	rVB2	556060	1063576	32.66%	2.942%
42	16.692	2478	2483	2492	rVB	858554	1618777	49.71%	4.478%

Sum of corrected areas: 36147175

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
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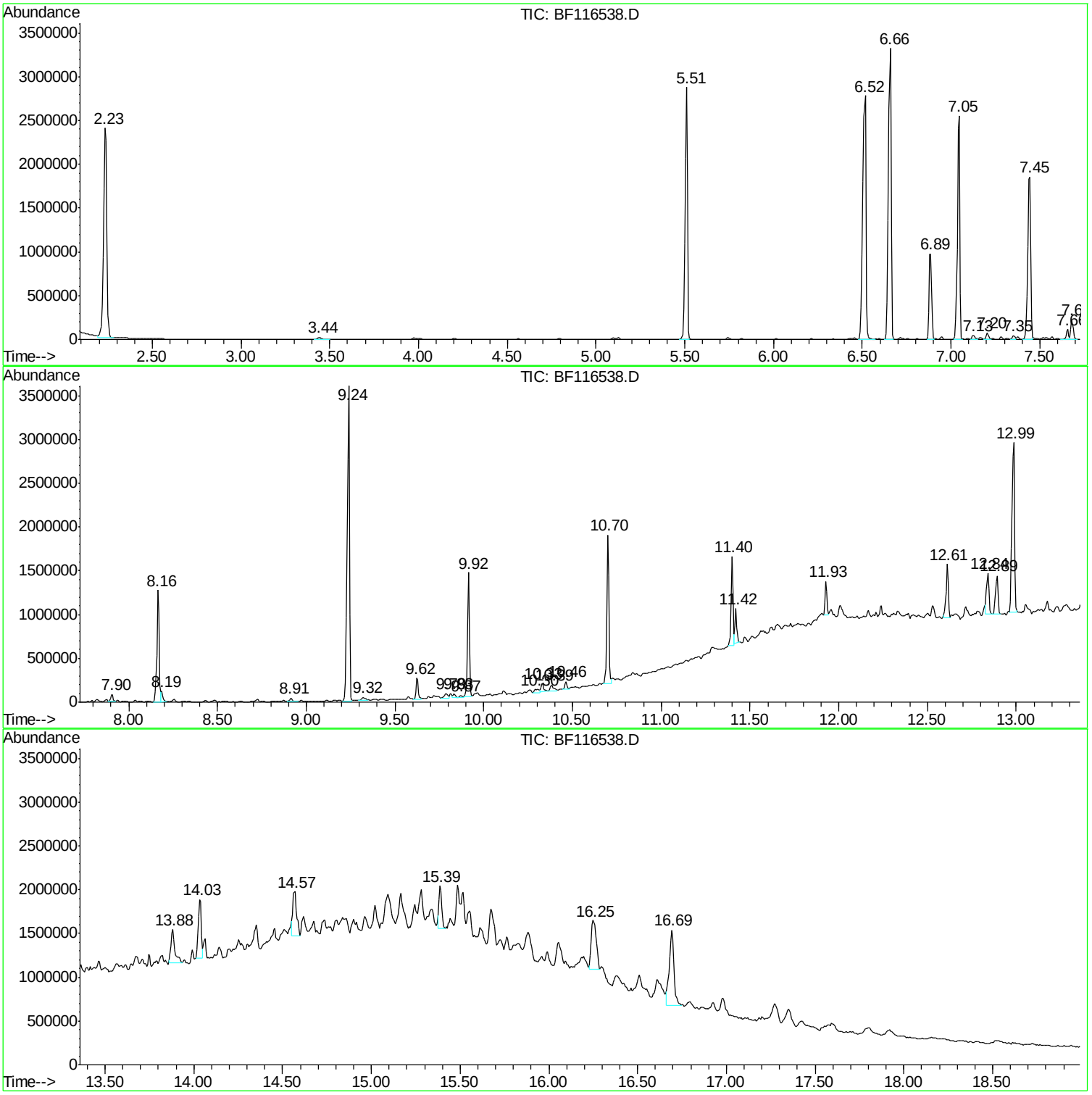
Sample : K4385-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T8-E1-E4-(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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Data File : BF116538.D
Acq On : 25 Aug 2019 18:03
Operator : HP/JU
Sample : K4385-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T8-E1-E4-(0-2)

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

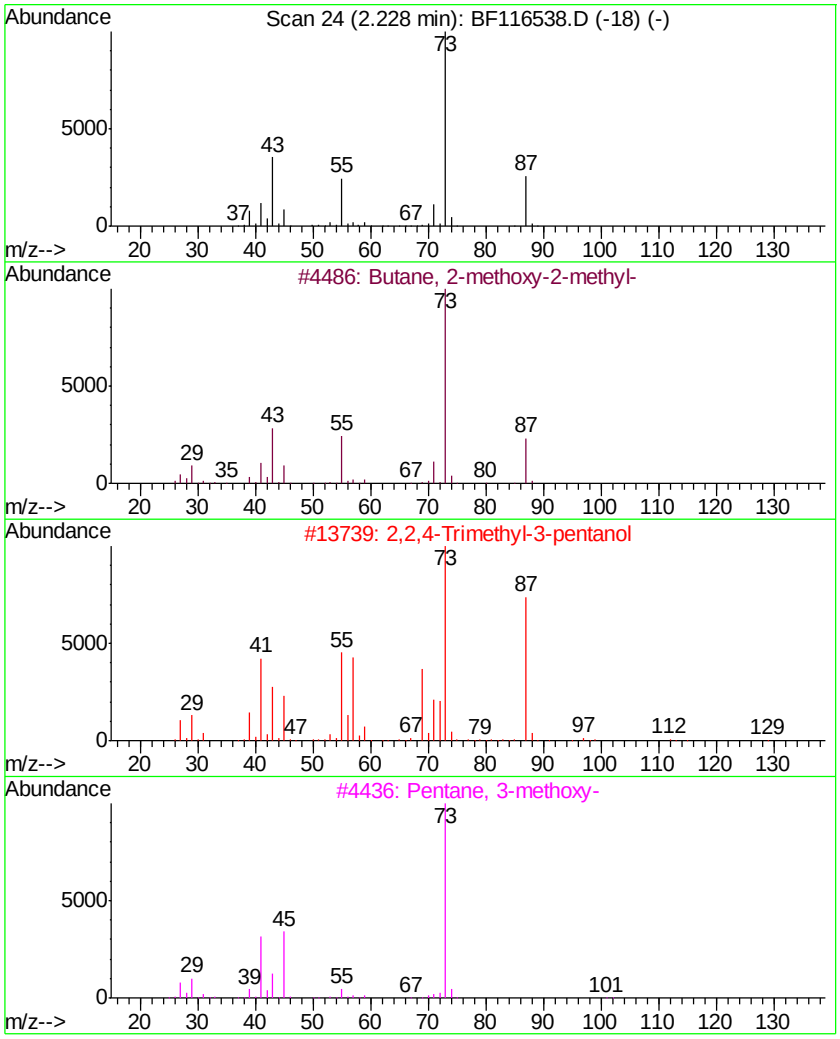
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

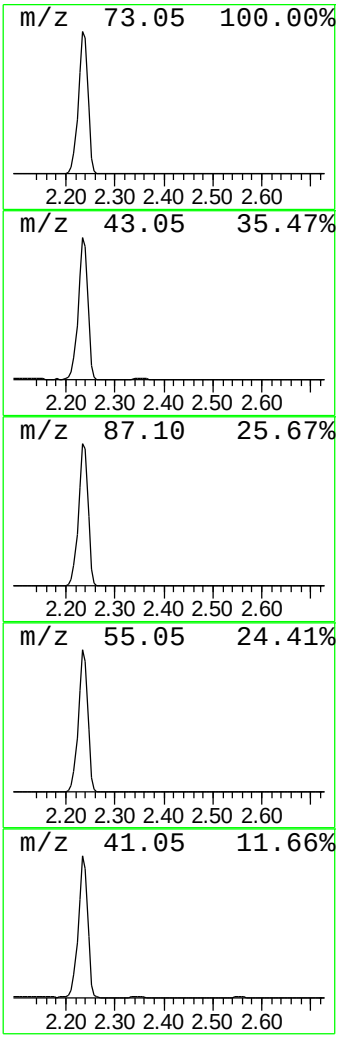
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.23	72.35 ng	3256260	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	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Library Search Compound Report

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Data File : BF116538.D
Acq On : 25 Aug 2019 18:03
Operator : HP/JU
Sample : K4385-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T8-E1-E4-(0-2)

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

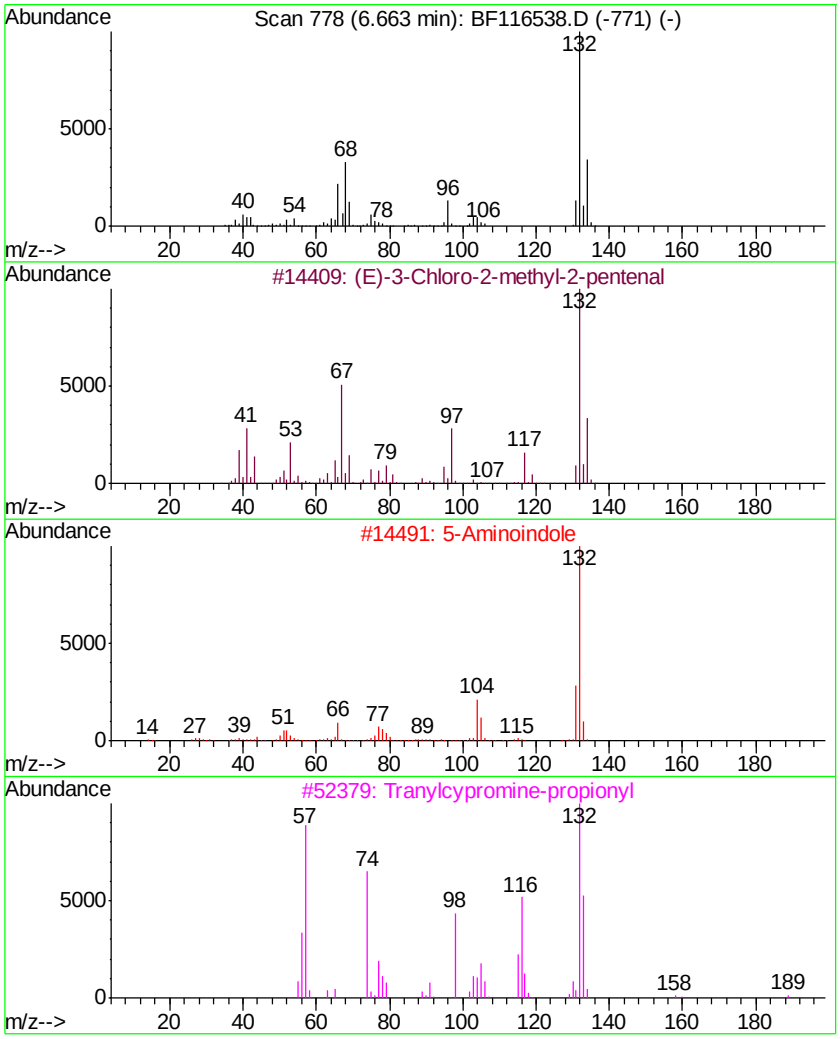
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

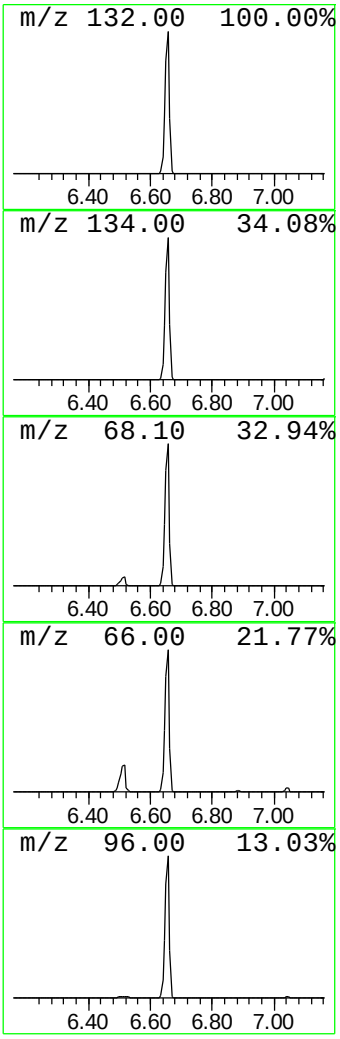
****

Peak Number 2 unknown6.66 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	70.96 ng	3193520	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116538.D
Acq On : 25 Aug 2019 18:03
Operator : HP/JU
Sample : K4385-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T8-E1-E4-(0-2)

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

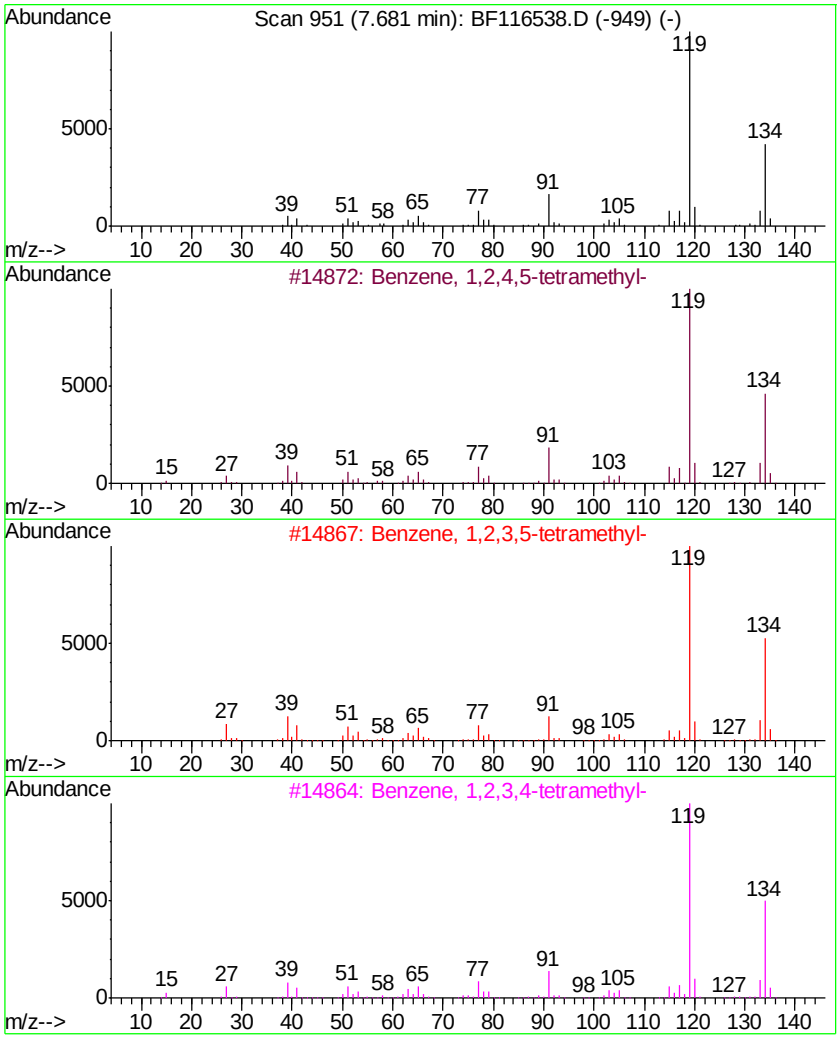
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

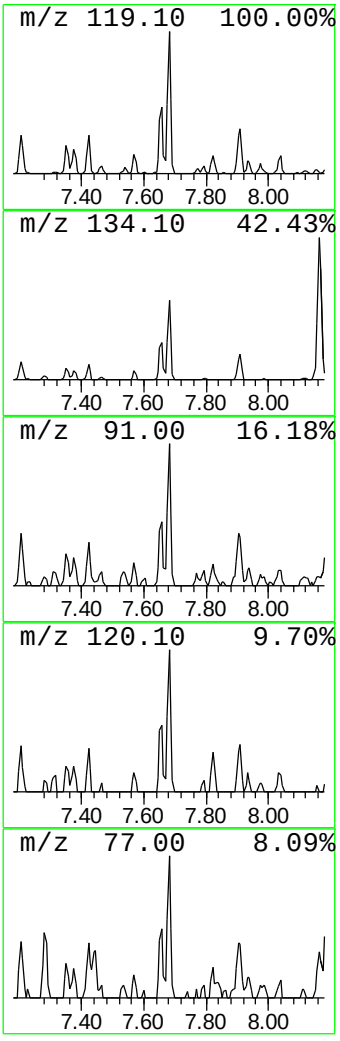
****

Peak Number 4 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	2.97 ng	170254	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116538.D
Acq On : 25 Aug 2019 18:03
Operator : HP/JU
Sample : K4385-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T8-E1-E4-(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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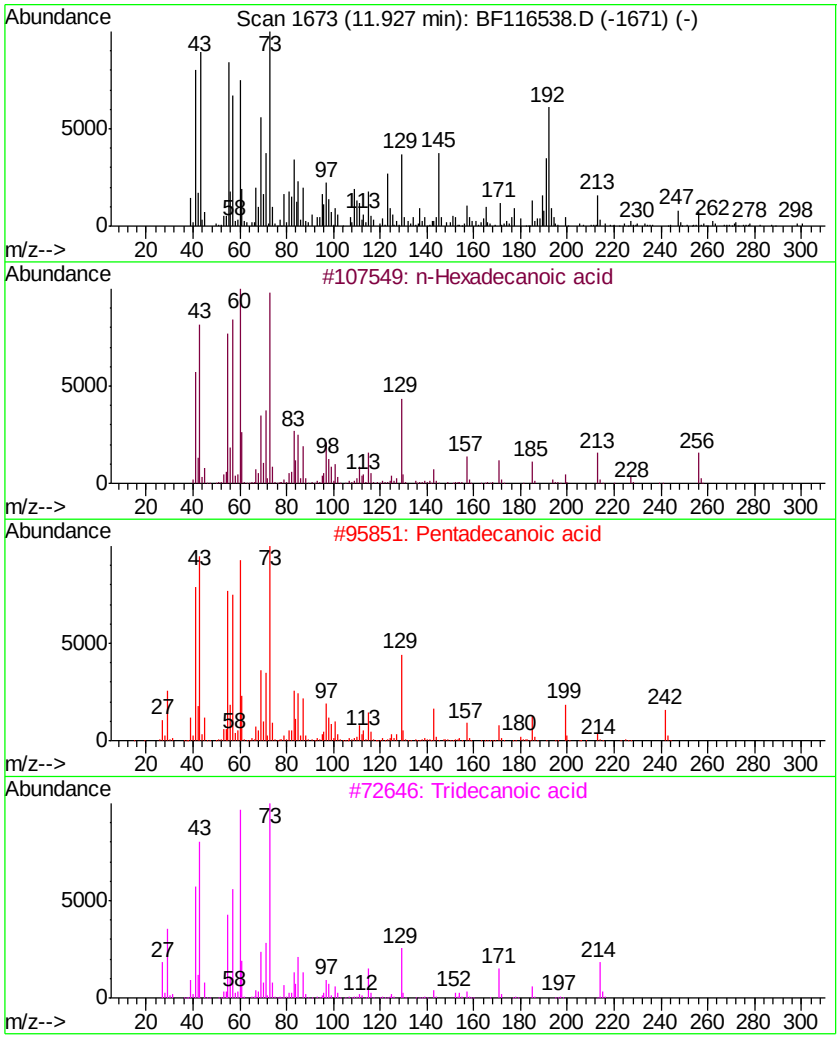
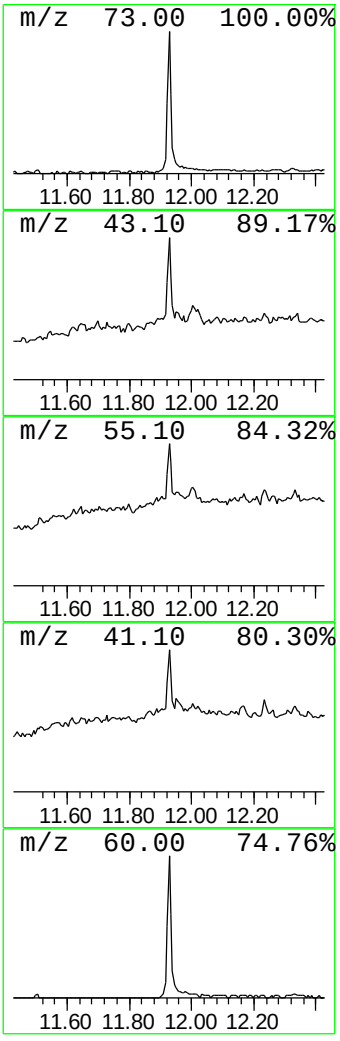
Peak Number 5 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	7.47 ng	315295	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3	Tridecanoic acid	214	C13H26O2	000638-53-9	60
4	Octadecanoic acid	284	C18H36O2	000057-11-4	60
5	n-Decanoic acid	172	C10H20O2	000334-48-5	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
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Sample : K4385-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T8-E1-E4-(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
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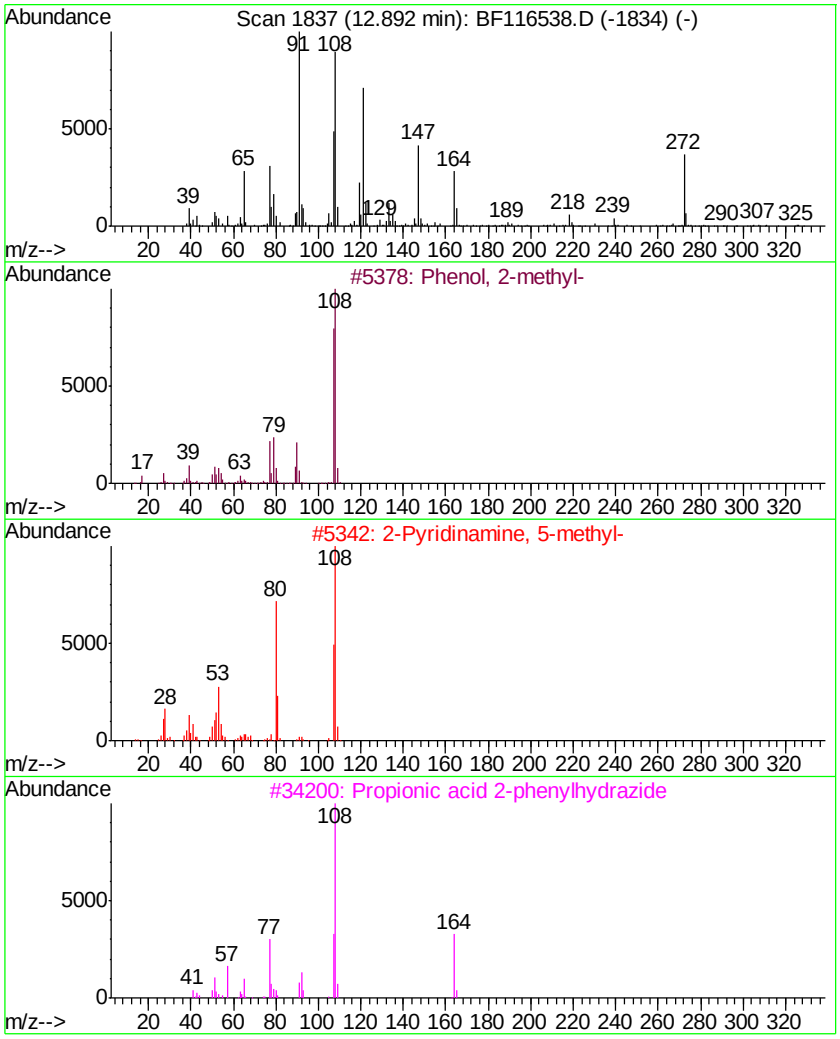
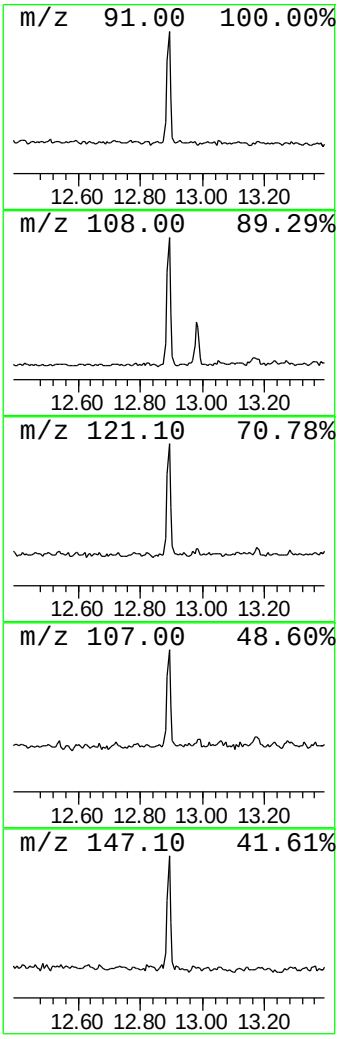
****

Peak Number 6 unknown12.89 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	9.19 ng	410000	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methyl-	108	C7H8O	000095-48-7	41
2	2-Pyridinamine, 5-methyl-	108	C6H8N2	001603-41-4	38
3	Propionic acid 2-phenylhydrazide	164	C9H12N2O	020730-02-3	38
4	Acetic acid, 4-methylphenyl ester	150	C9H10O2	000140-39-6	38
5	Carbamic acid, methyl-, 3-methyl...	165	C9H11NO2	001129-41-5	35





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : T8-E1-E4-(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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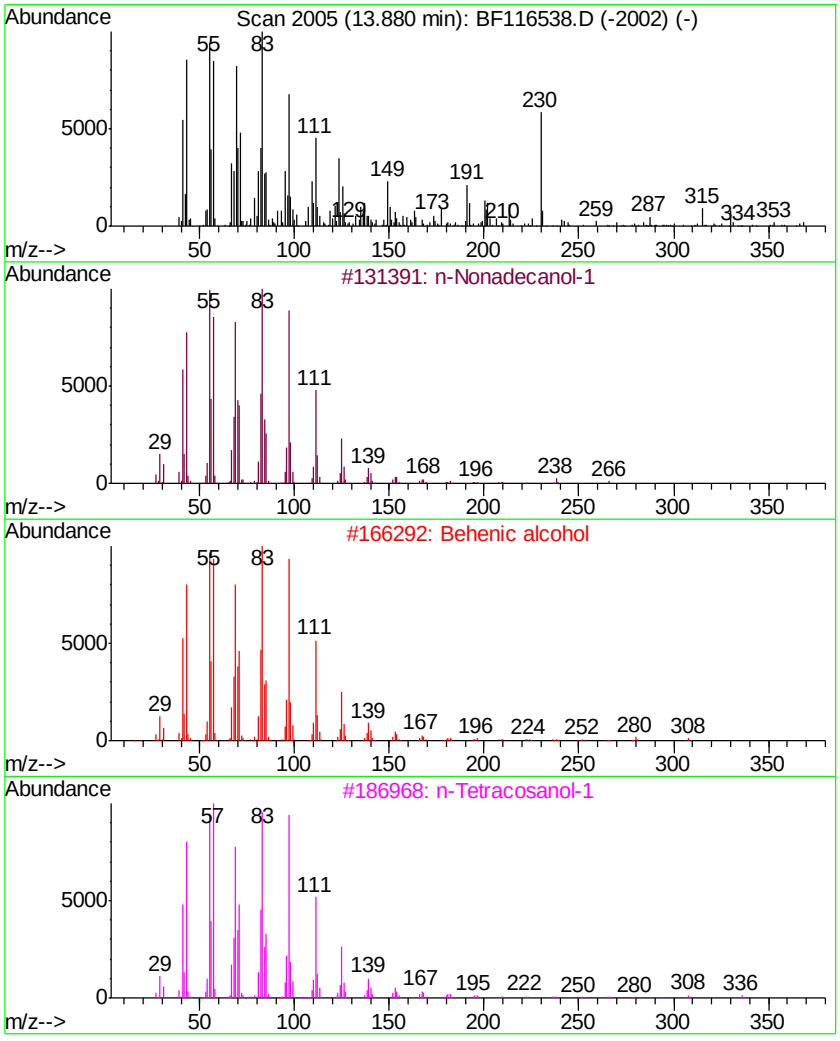
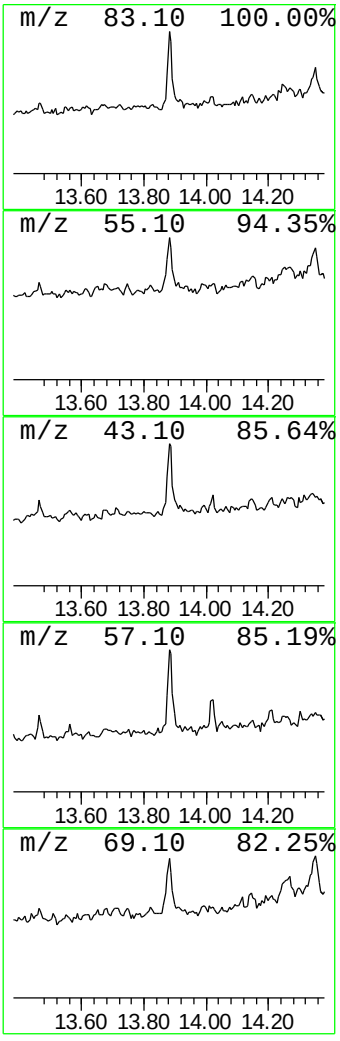
Peak Number 7 n-Nonadecanol-1 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	13.47 ng	601140	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	86
2	Behenic alcohol	326	C22H46O	000661-19-8	86
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	70
4	1-Heptacosanol	396	C27H56O	002004-39-9	60
5	1-Octadecanol	270	C18H38O	000112-92-5	60





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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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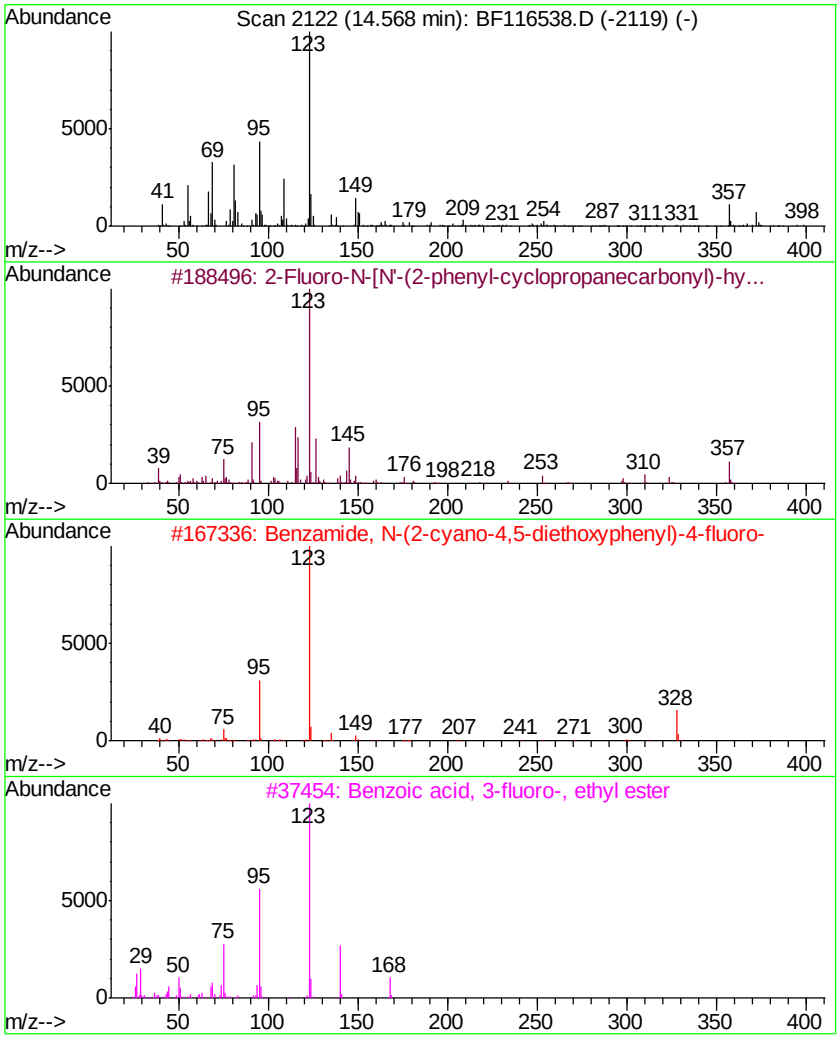
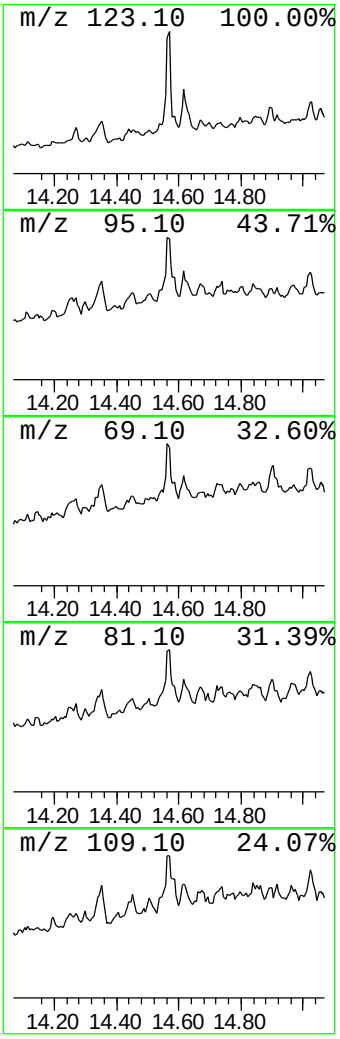
Peak Number 8 2-Fluoro-N-[N'-(2-phenyl-cy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	15.49 ng	691379	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Fluoro-N-[N'-(2-phenyl-cyclopr...	357	C18H16FN3O2S	1000301-10-8	59
2	Benzamide, N-(2-cyano-4,5-dietho...	328	C18H17FN2O3	1000310-64-1	53
3	Benzoic acid, 3-fluoro-, ethyl e...	168	C9H9FO2	000451-02-5	53
4	4-Nitrophenyl bicyclo[4.1.0]hept...	261	C14H15NO4	328938-65-4	53
5	4-Fluorobenzoic acid, 2-butyl ester	196	C11H13FO2	090172-12-6	53





Library Search Compound Report

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Data File : BF116538.D
Acq On : 25 Aug 2019 18:03
Operator : HP/JU
Sample : K4385-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T8-E1-E4-(0-2)

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

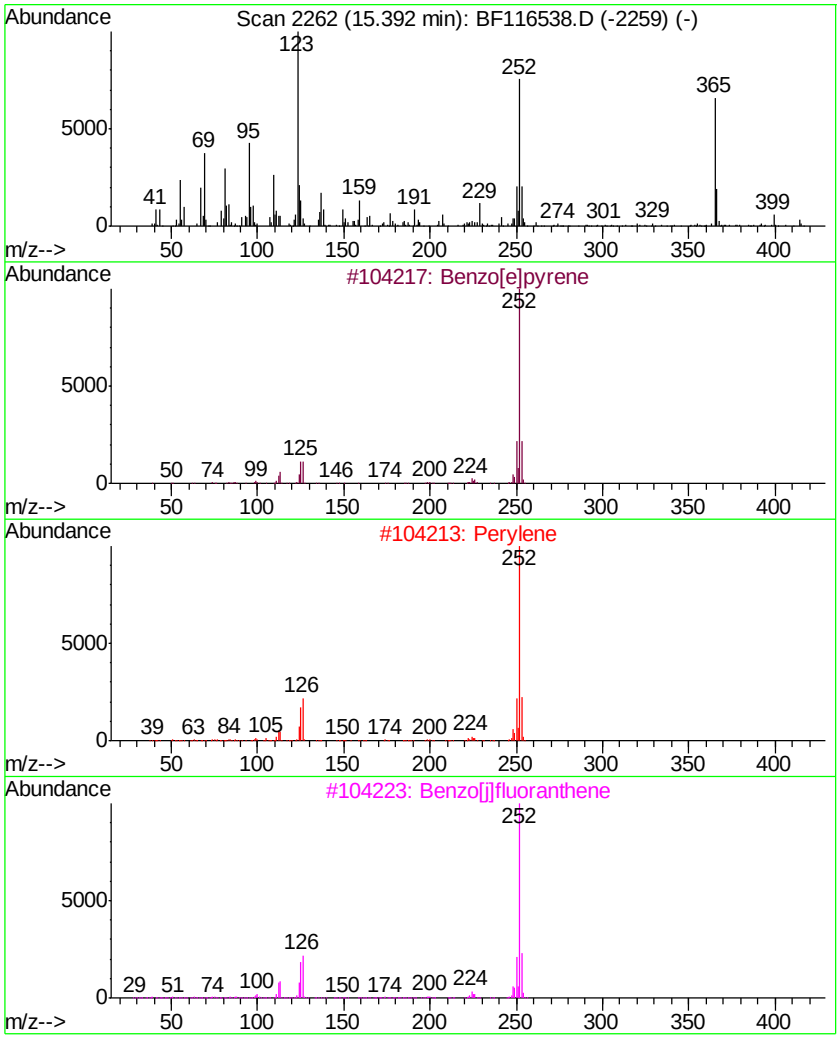
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

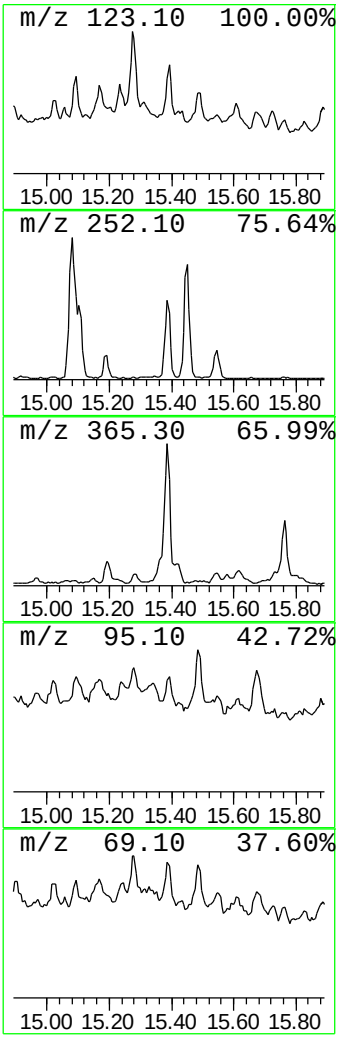
****

Peak Number 9 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	20.00 ng	580789	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	91
2	Perylene	252	C20H12	000198-55-0	50
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	48
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	47
5	Benzo[a]pyrene	252	C20H12	000050-32-8	35





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Acq On : 25 Aug 2019 18:03
Operator : HP/JU
Sample : K4385-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T8-E1-E4-(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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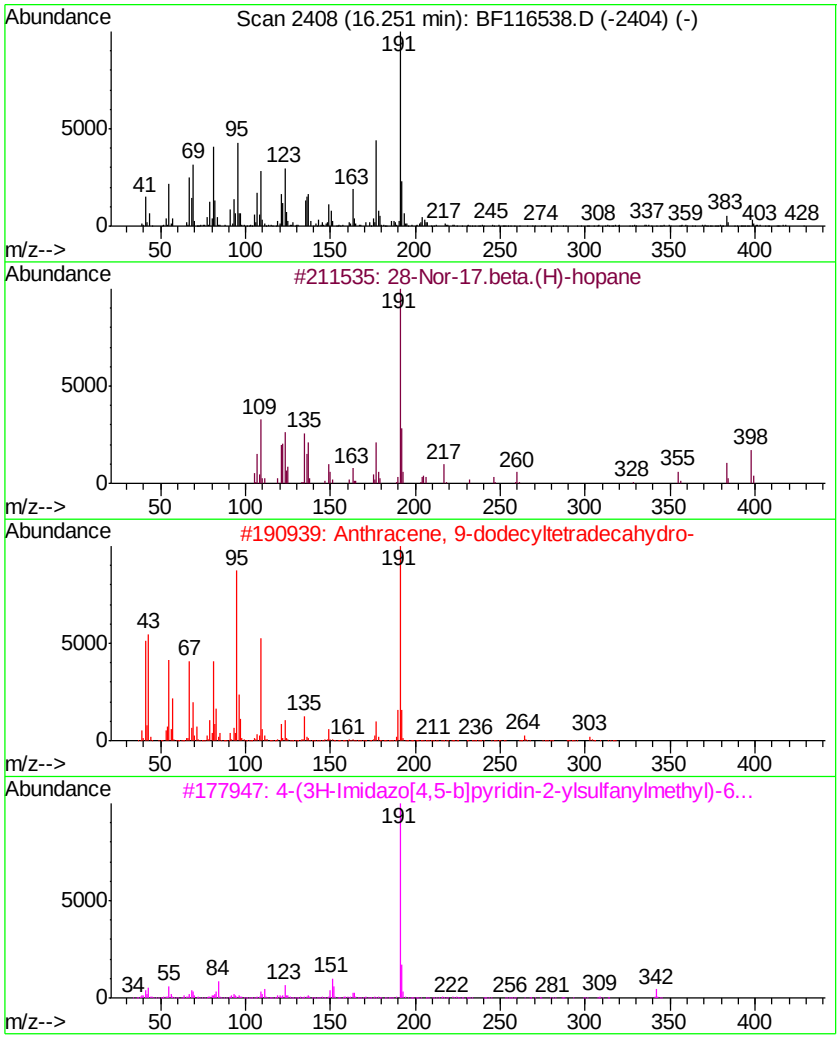
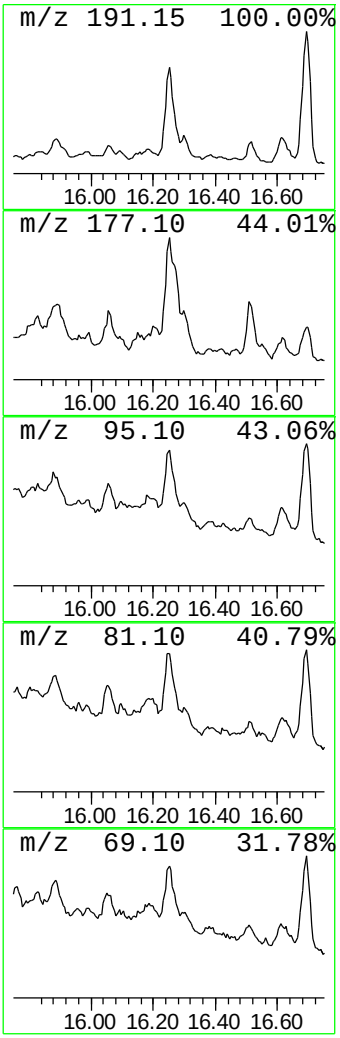
Peak Number 10 28-Nor-17.beta.(H)-hopane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.25	36.63 ng	1063580	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	64
2	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	40
3	4-(3H-Imidazo[4,5-b]pyridin-2-yl...	342	C15H18N8S	1000276-08-2	35
4	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	35
5	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116538.D
Acq On : 25 Aug 2019 18:03
Operator : HP/JU
Sample : K4385-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T8-E1-E4-(0-2)

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

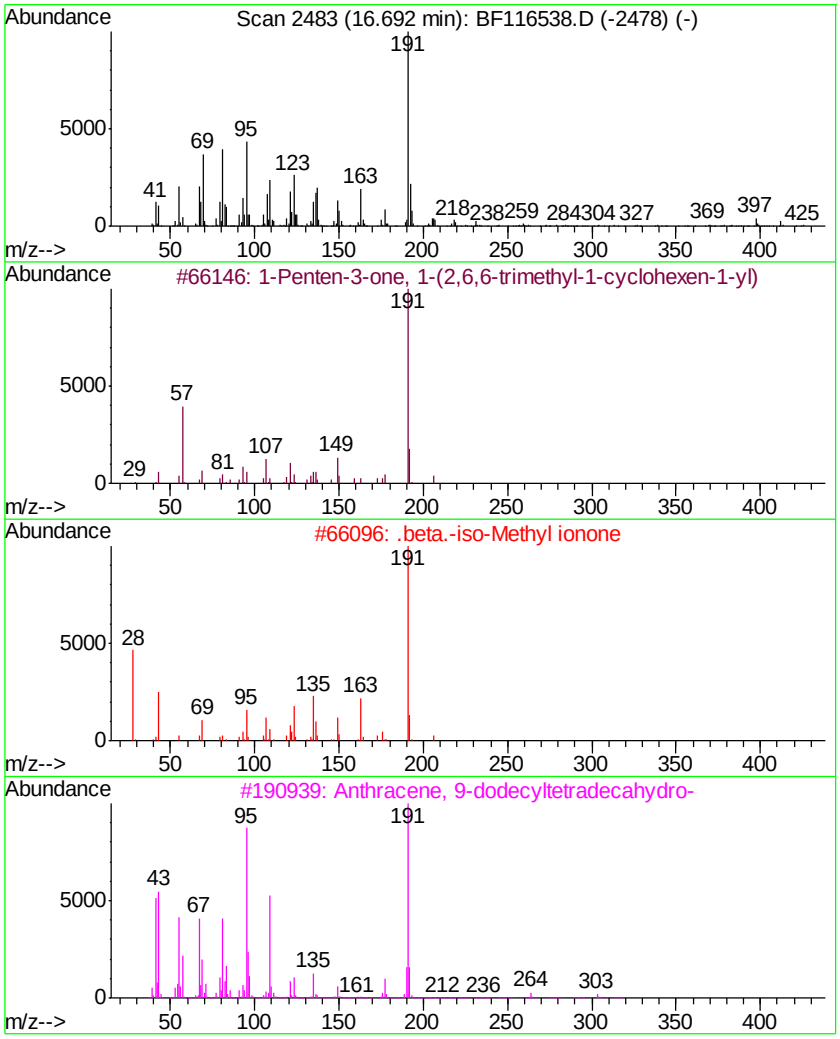
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

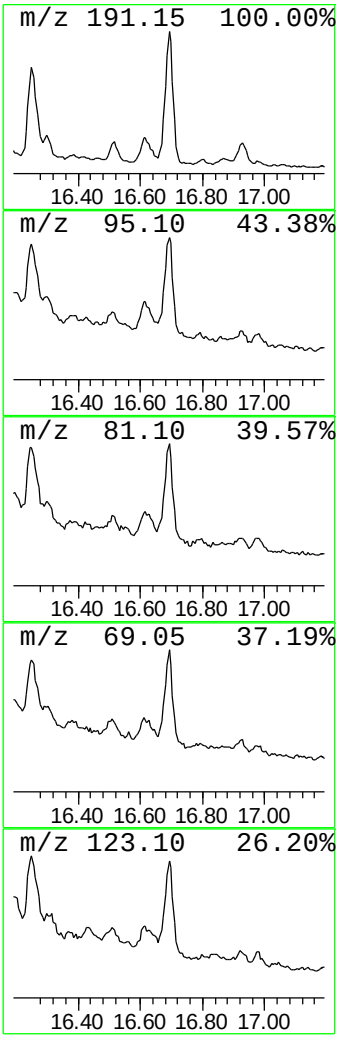
****

Peak Number 11 unknown16.69 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	55.74 ng	1618780	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	45
2	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	43
3	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	40
4	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	38
5	Anthracene, 9-butyltetradecahydro-	248	C18H32	055133-89-6	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082519\
Data File : BF116538.D
Acq On : 25 Aug 2019 18:03
Operator : HP/JU
Sample : K4385-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T8-E1-E4-(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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.23	72.3	ng	3256260	1	6.89	900134	20.0
unknown6.66	6.66	71.0	ng	3193520	1	6.89	900134	20.0
Benzene, 1,2,4,5-...	7.68	3.0	ng	170254	2	8.16	1146830	20.0
n-Hexadecanoic acid	11.93	7.5	ng	315295	4	11.40	844345	20.0
unknown12.89	12.89	9.2	ng	410000	5	14.04	892470	20.0
n-Nonadecanol-1	13.88	13.5	ng	601140	5	14.04	892470	20.0
2-Fluoro-N-[N'-(2...	14.57	15.5	ng	691379	5	14.04	892470	20.0
Benzo[e]pyrene	15.39	20.0	ng	580789	6	15.52	580789	20.0
28-Nor-17.beta.(H...	16.25	36.6	ng	1063580	6	15.52	580789	20.0
unknown16.69	16.69	55.7	ng	1618780	6	15.52	580789	20.0