LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112019\
Data File : BF117887.D
Acq On : 20 Nov 2019 12:37
Operator : JU
Sample : K5908-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8D-(12-18)

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-BF111319.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	2.187	10	17	24	rVB	783293	988063	23.61%	2.356%
2	5.128	512	517	524	rVB	631295	738906	17.66%	1.762%
3	5.316	545	549	558	rBV	105265	120928	2.89%	0.288%
4	5.528	580	585	588	rBV	3540110	3385085	80.90%	8.070%
5	6.540	751	757	761	rBV	3446710	3729539	89.13%	8.892%
6	6.681	777	781	785	rBV	3996131	3775684	90.23%	9.002%
7	6.916	817	821	824	rBV	1224037	1000343	23.91%	2.385%
8	7.075	843	848	851	rBV	3213356	2995174	71.58%	7.141%
9	7.475	911	916	919	rBV	2451022	2275354	54.38%	5.425%
10	8.198	1036	1039	1043	rBV	1345927	1240709	29.65%	2.958%
11	9.016	1175	1178	1181	rBV	67724	52837	1.26%	0.126%
12	9.281	1219	1223	1226	rBV	5086511	4184289	100.00%	9.976%
13	9.392	1238	1242	1246	rVB2	189827	176073	4.21%	0.420%
14	9.622	1277	1281	1283	rBV	54515	53979	1.29%	0.129%
15	9.675	1287	1290	1294	rVV	592883	481506	11.51%	1.148%
16	9.963	1333	1339	1343	rBV	1657443	1369494	32.73%	3.265%
17	10.163	1369	1373	1377	rVB2	56842	78718	1.88%	0.188%
18	10.375	1405	1409	1410	rBV2	52818	57240	1.37%	0.136%
19	10.545	1435	1438	1445	rVB	95633	102910	2.46%	0.245%
20	10.757	1469	1474	1477	rBV	2741141	2450808	58.57%	5.843%
21	10.880	1490	1495	1501	rVB2	75333	105288	2.52%	0.251%
22	11.110	1529	1534	1538	rBV5	53830	54756	1.31%	0.131%
23	11.457	1589	1593	1595	rBV	1442601	1152051	27.53%	2.747%
24	11.480	1595	1597	1600	rVB	212281	162886	3.89%	0.388%
25	11.680	1628	1631	1639	rBV2	51275	84411	2.02%	0.201%
26	11.898	1665	1668	1672	rBV3	37032	50655	1.21%	0.121%
27	11.980	1675	1682	1686	rBV2	1009234	989511	23.65%	2.359%
28	12.016	1686	1688	1694	rVB	137000	126883	3.03%	0.303%
29	12.069	1694	1697	1700	rBV2	60765	59666	1.43%	0.142%
30	12.498	1767	1770	1776	rBV2	495175	697004	16.66%	1.662%
31	12.545	1776	1778	1781	rVB	71073	68831	1.64%	0.164%
32	12.675	1796	1800	1801	rBV	255149	250261	5.98%	0.597%
33	12.769	1812	1816	1824	rBV	505655	521838	12.47%	1.244%
34	12.904	1834	1839	1844	rBV2	148741	214487	5.13%	0.511%

LSC Area Percent Report

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8D-(12-18)

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-BF111319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.045	1859	1863	1867	rBV	3133497	2906907	69.47%	6.930%
36	13.257	1896	1899	1900	rBV2	85117	86055	2.06%	0.205%
37	13.274	1900	1902	1905	rVB	118005	102051	2.44%	0.243%
38	13.616	1958	1960	1965	rVB	138873	126423	3.02%	0.301%
39	13.945	2012	2016	2022	rBV2	495582	642610	15.36%	1.532%
40	14.080	2036	2039	2041	rBV	637870	618364	14.78%	1.474%
41	14.104	2041	2043	2046	rVB	1029630	826599	19.75%	1.971%
42	14.263	2067	2070	2073	rBV	252097	267490	6.39%	0.638%
43	14.568	2119	2122	2127	rBV	229738	271746	6.49%	0.648%
44	14.733	2147	2150	2154	rVB	151602	148106	3.54%	0.353%
45	14.886	2174	2176	2181	rVB	220854	224416	5.36%	0.535%
46	14.968	2187	2190	2195	rBV2	169691	191180	4.57%	0.456%
47	15.163	2220	2223	2231	rVB2	102448	203148	4.86%	0.484%
48	15.245	2233	2237	2241	rBV	196704	223998	5.35%	0.534%
49	15.615	2295	2300	2303	rBV	784137	1012186	24.19%	2.413%
50	15.645	2303	2305	2308	rVB	118967	130772	3.13%	0.312%
51	16.104	2379	2383	2388	rVB	109137	165731	3.96%	0.395%

Sum of corrected areas: 41943949

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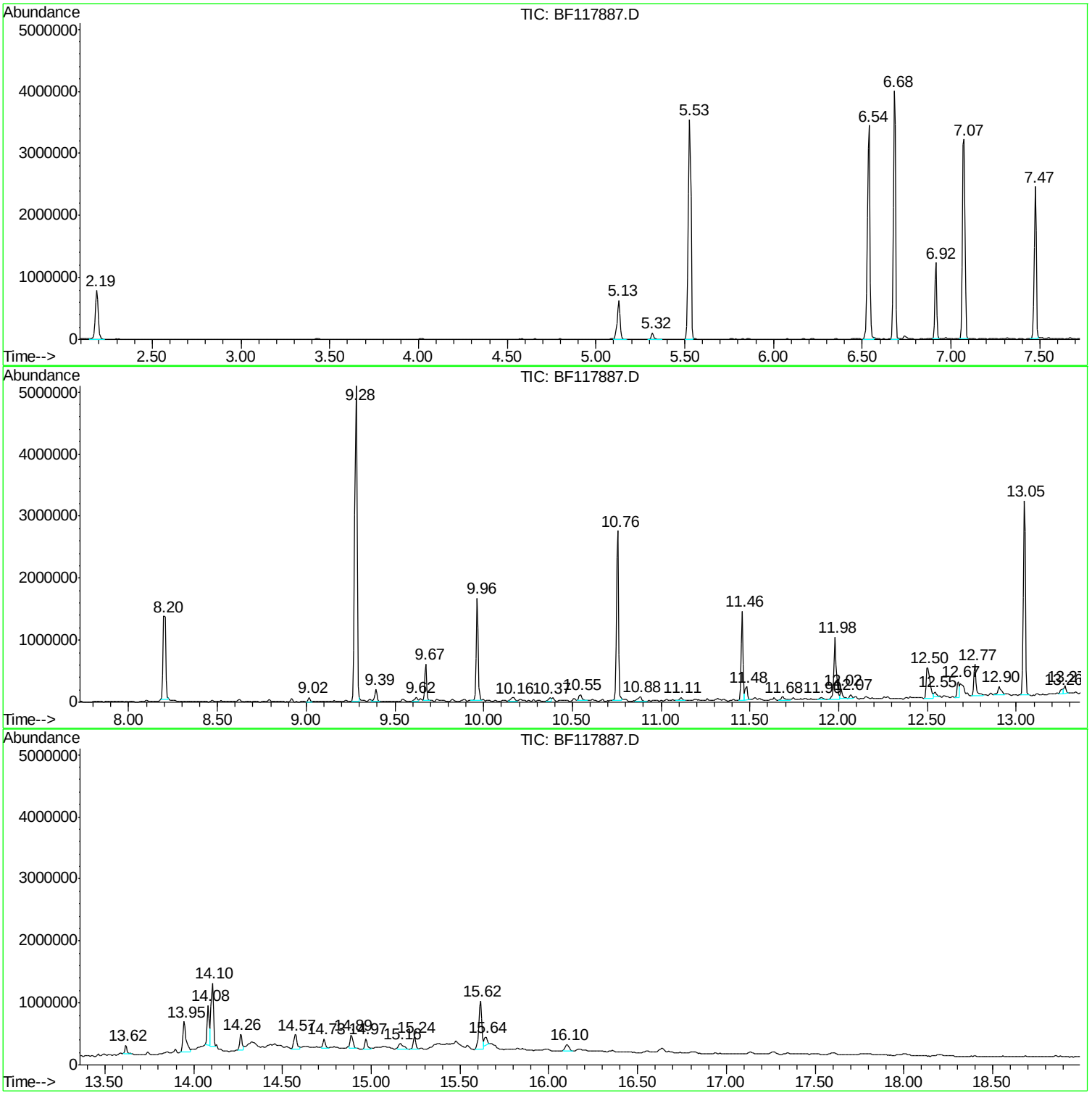
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-8D-(12-18)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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\BF112019\
Data File : BF117887.D
Acq On : 20 Nov 2019 12:37
Operator : JU
Sample : K5908-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8D-(12-18)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

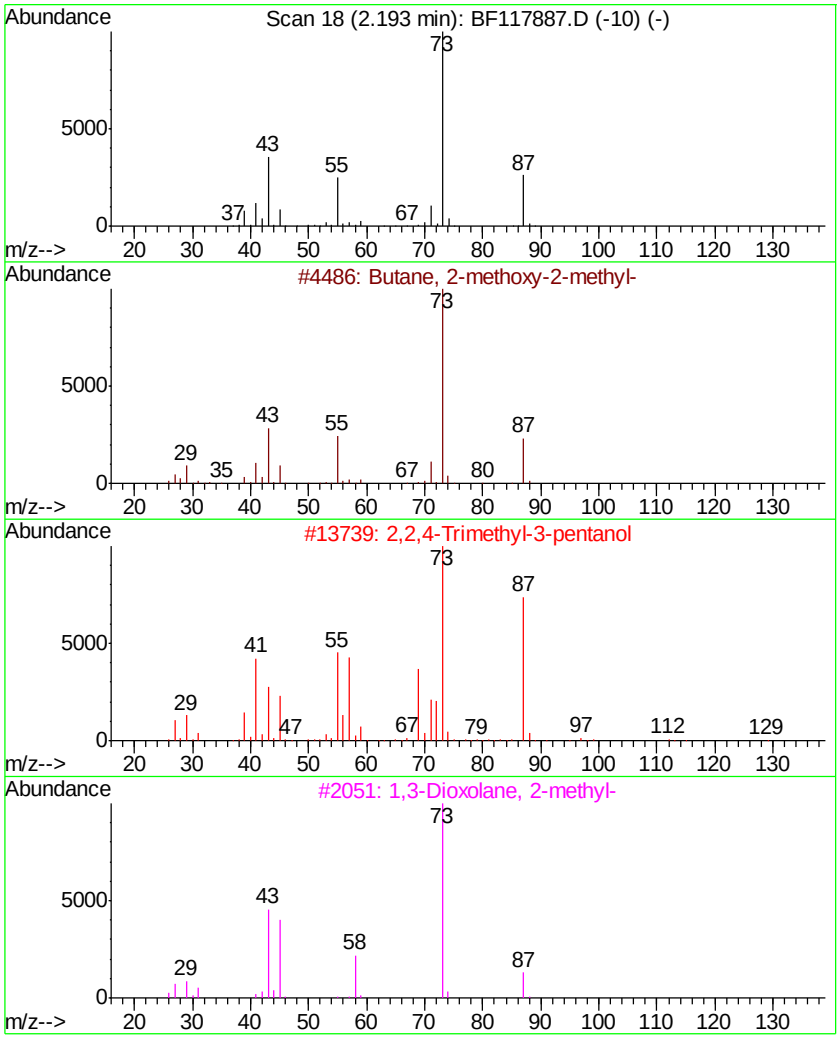
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

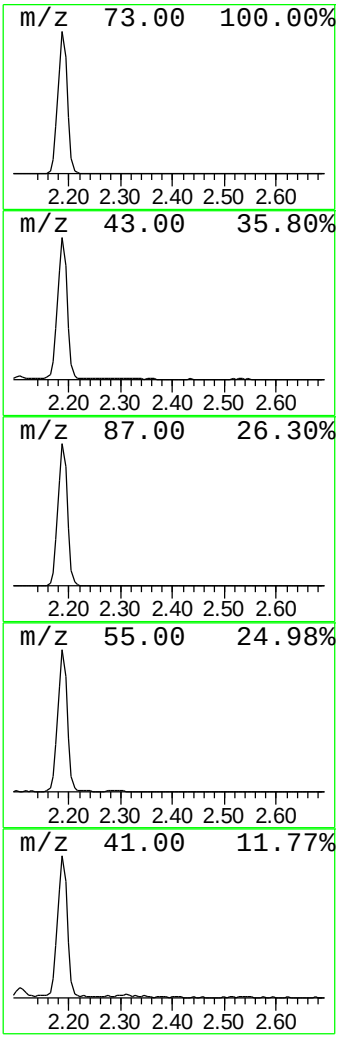
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.19	19.75 ng	988063	1,4-Dichlorobenzene-d4	6.92

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	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





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Misc :
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Instrument : BNA_F
ClientSampleId : B-8D-(12-18)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

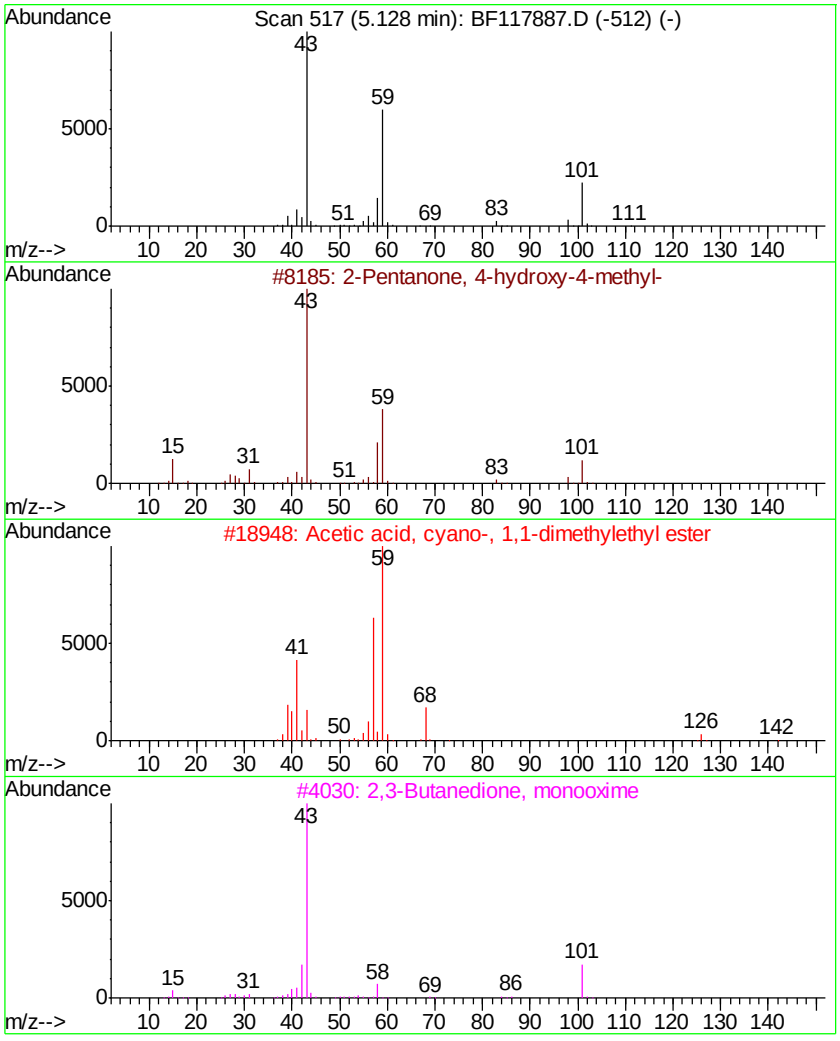
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

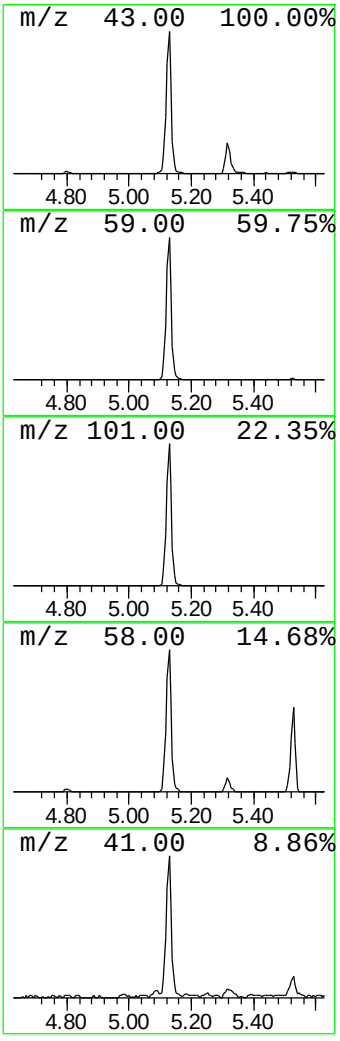
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	14.77 ng	738906	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112019\
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Operator : JU
Sample : K5908-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8D-(12-18)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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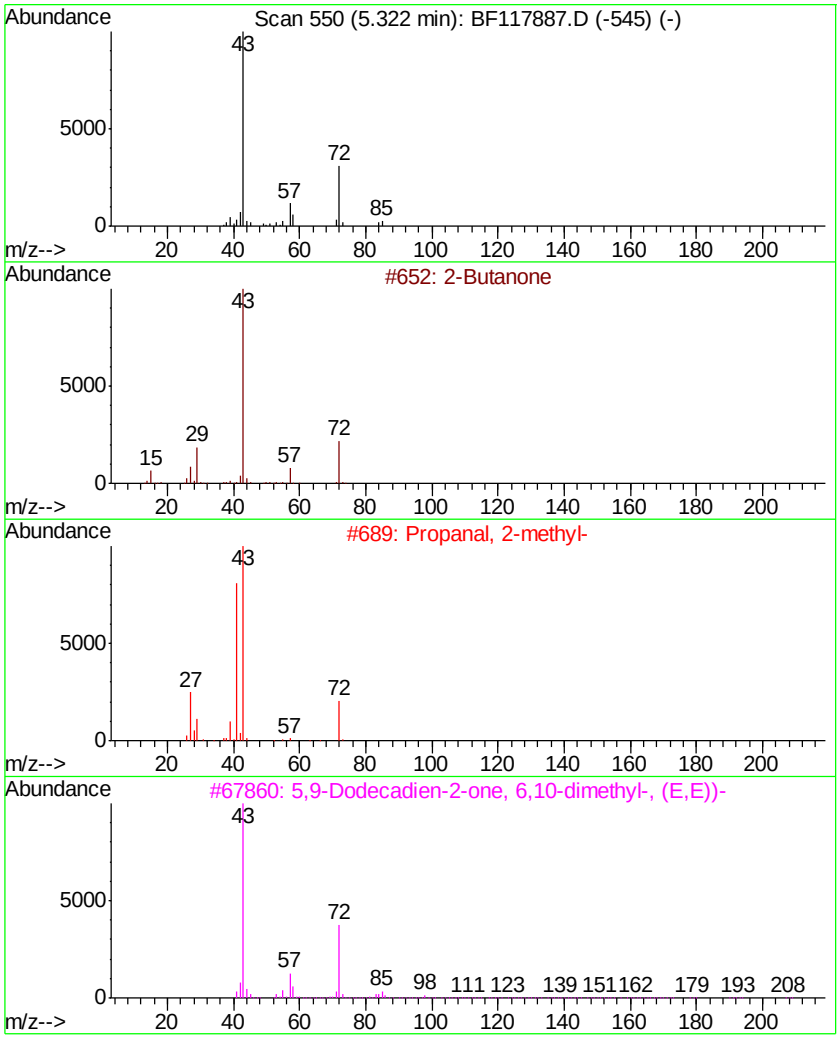
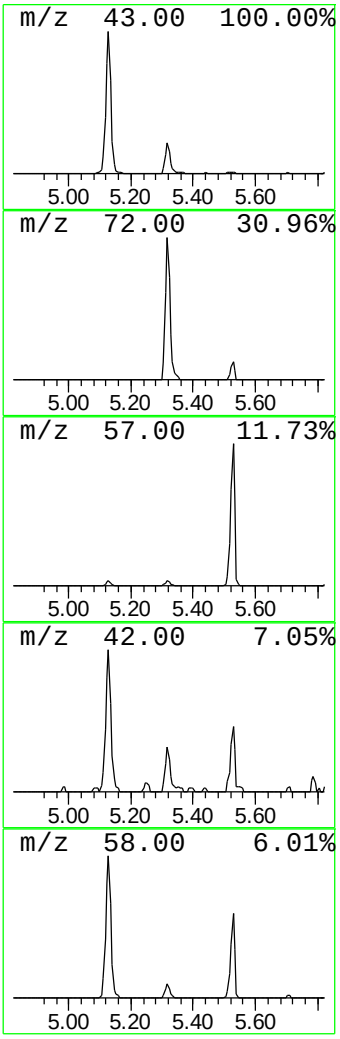
Peak Number 3 2-Butanone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	2.42 ng	120928	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone	72	C4H8O	000078-93-3	64
2	Propanal, 2-methyl-	72	C4H8O	000078-84-2	50
3	5,9-Dodecadien-2-one, 6,10-dimet...	208	C14H24O	1000132-10-9	50
4	2-Hexanone, 3,4-dimethyl-	128	C8H16O	019550-10-8	39
5	Butanal, 2-ethyl-	100	C6H12O	000097-96-1	38





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Instrument : BNA_F
ClientSampleId : B-8D-(12-18)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

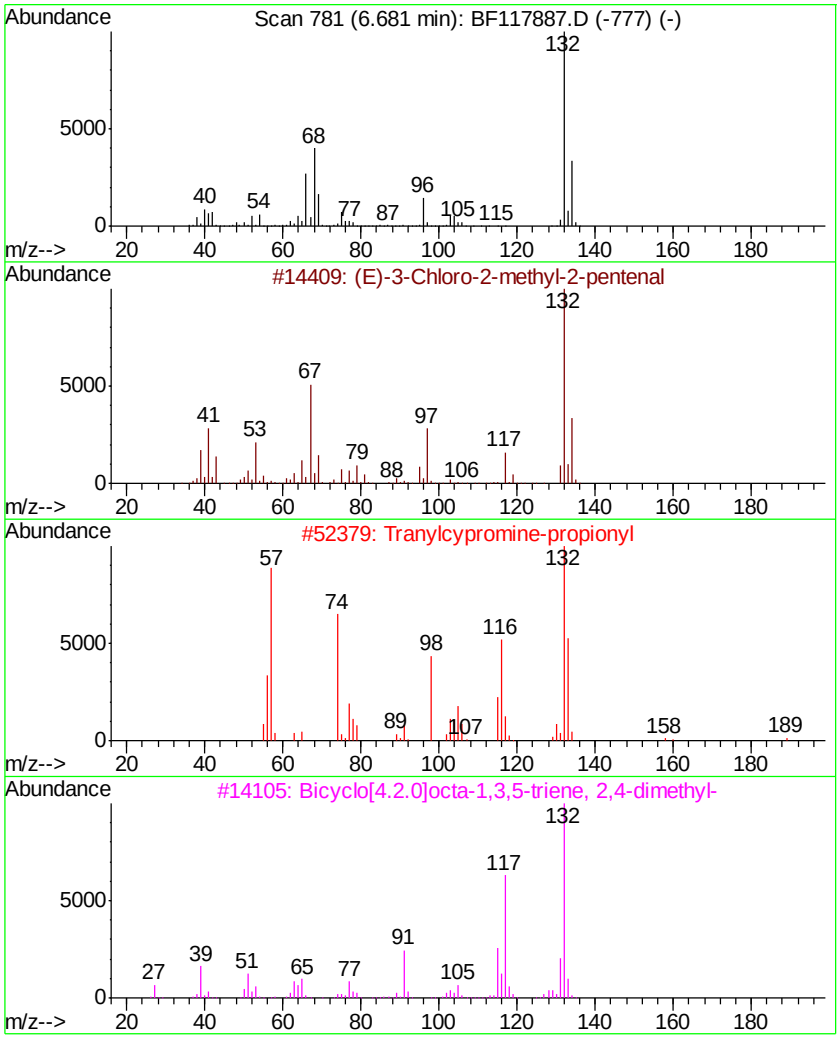
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

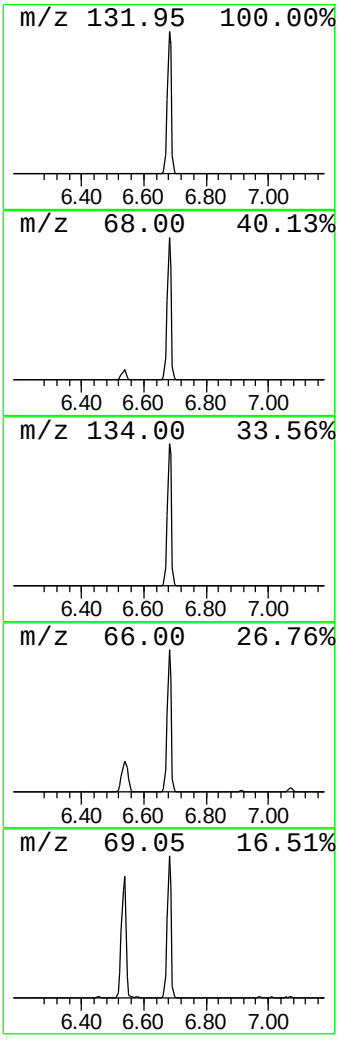
****

Peak Number 4 unknown6.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	75.49 ng	3775680	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Instrument : BNA_F
ClientSampleId : B-8D-(12-18)

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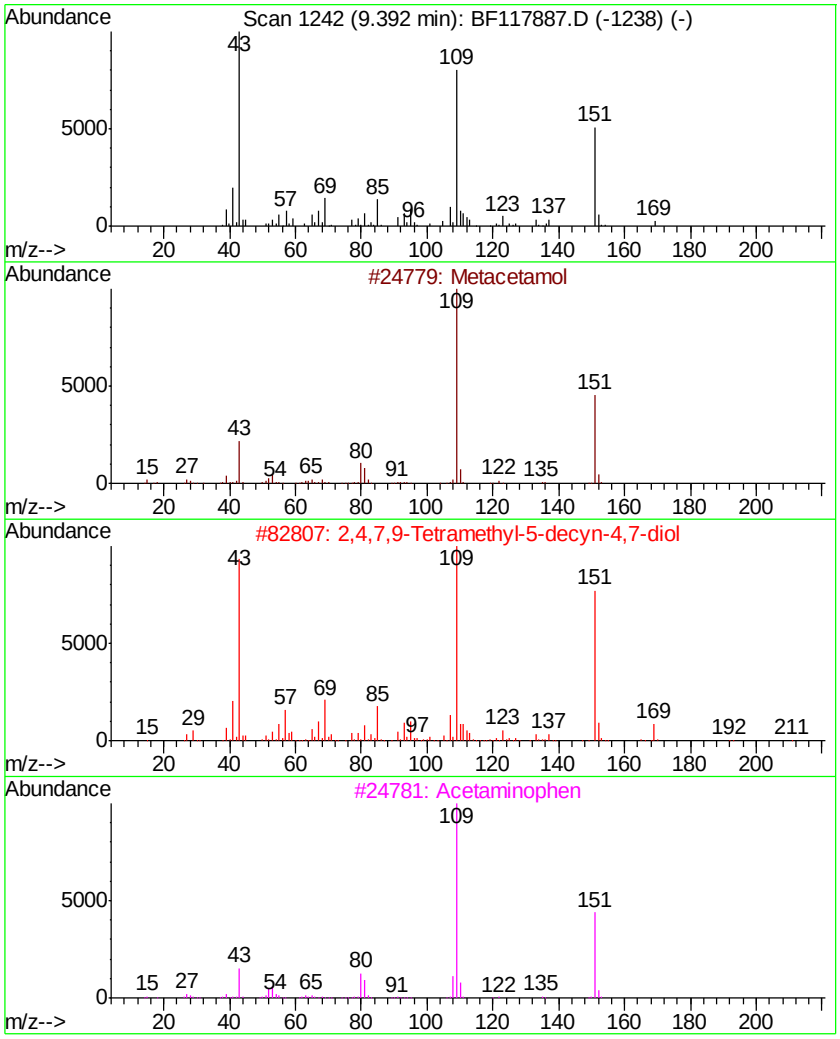
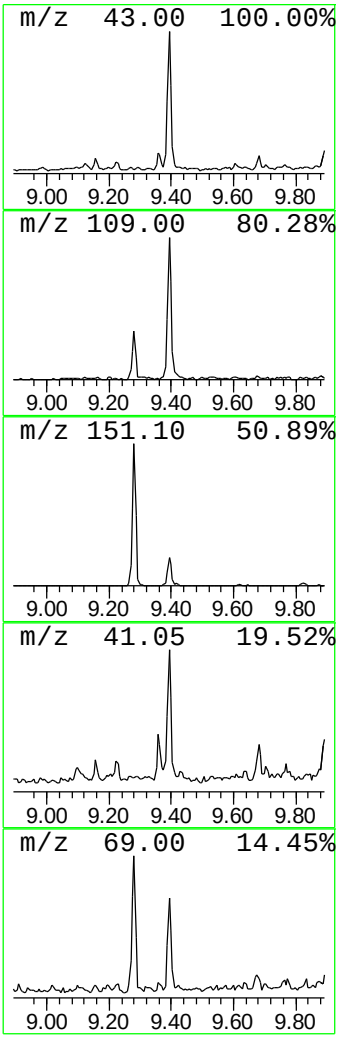
****

Peak Number 6 Metacetamol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	2.57 ng	176073	Acenaphthene-d10	9.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Metacetamol	151	C8H9NO2	000621-42-1	64
2	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	64
3	Acetaminophen	151	C8H9NO2	000103-90-2	59
4	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	47
5	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	45





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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8D-(12-18)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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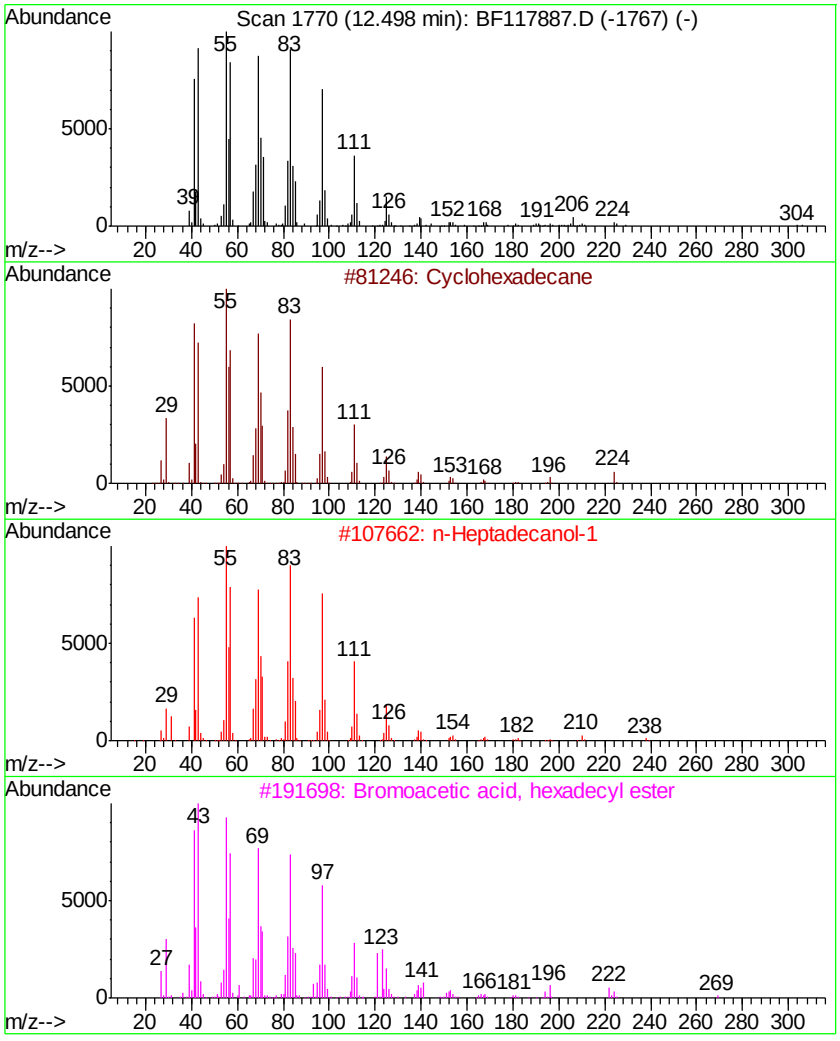
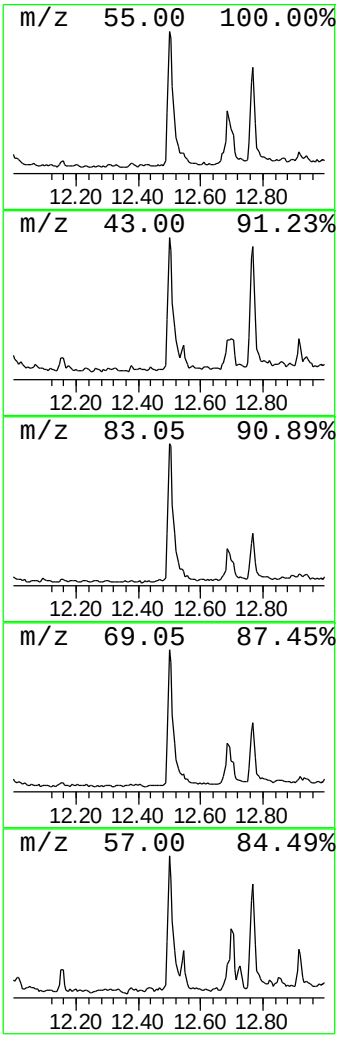
Peak Number 7 Cyclohexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	12.10 ng	697004	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	95
2	n-Heptadecanol-1	256	C17H36O	001454-85-9	94
3	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	1-Hexadecanol	242	C16H34O	036653-82-4	94





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Instrument : BNA_F
ClientSampleId : B-8D-(12-18)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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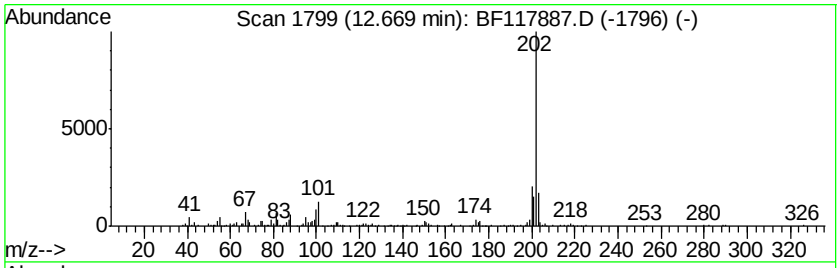
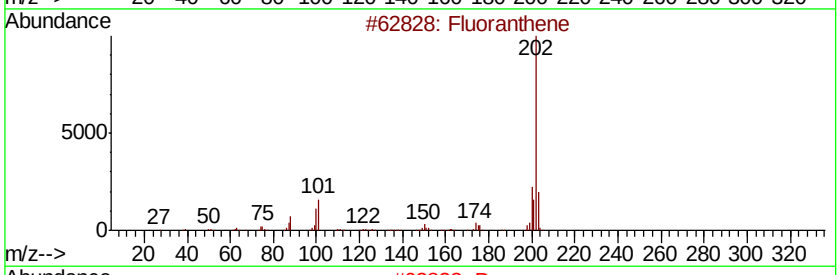
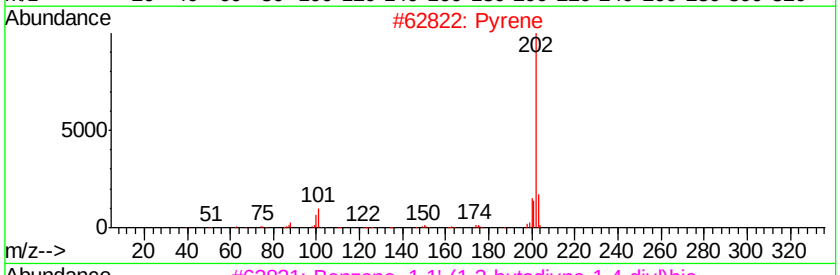
Peak Number 8 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 12

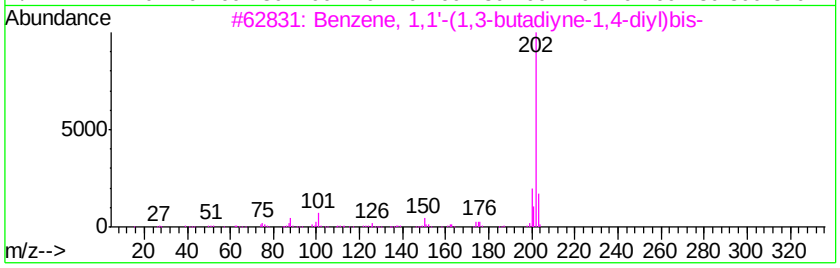
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	4.34 ng	250261	Phenanthrene-d10	11.46

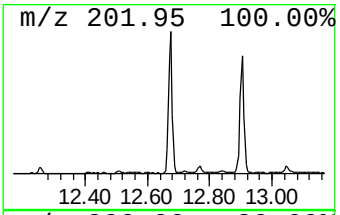
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	95
2	Pyrene	202	C16H10	000129-00-0	81
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	76
4	l-Leucine, N-methyl-N-(2-methoxy...	499	C29H57NO5	1000328-55-2	47
5	l-Leucine, N-methyl-N-(2-methoxy...	373	C20H39NO5	1000328-54-4	47

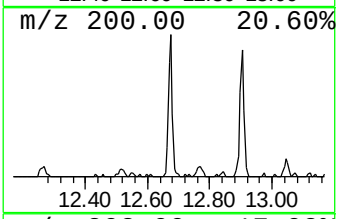


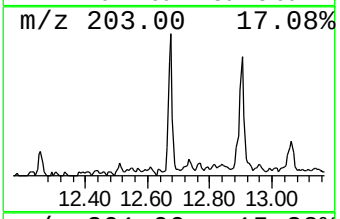


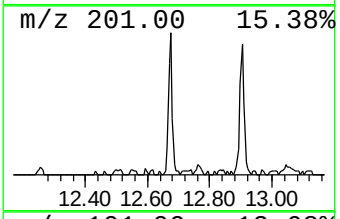


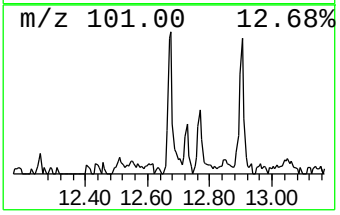












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Acq On : 20 Nov 2019 12:37
Operator : JU
Sample : K5908-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8D-(12-18)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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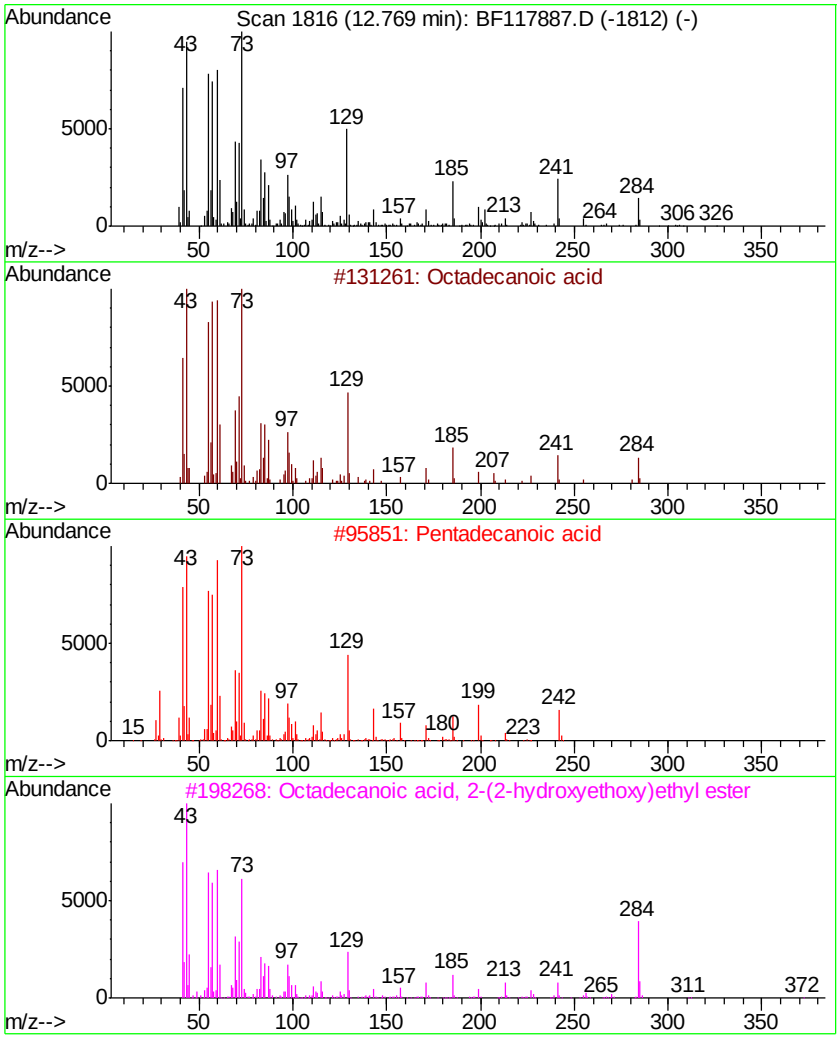
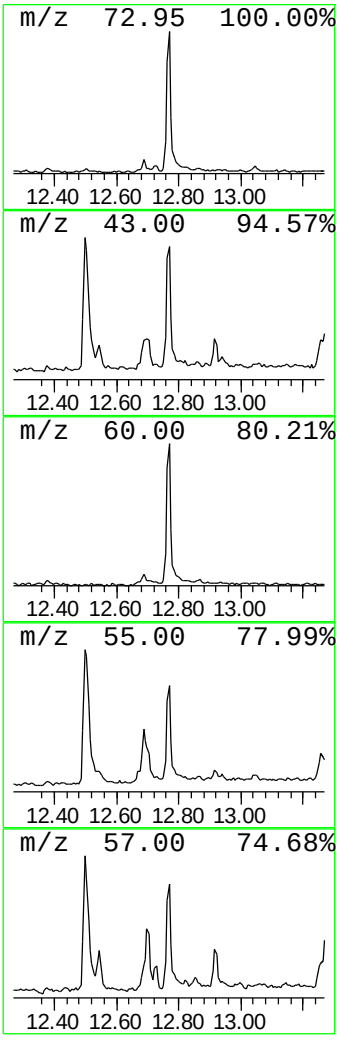
Peak Number 9 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	9.06 ng	521838	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80





Library Search Compound Report

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Data File : BF117887.D
Acq On : 20 Nov 2019 12:37
Operator : JU
Sample : K5908-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8D-(12-18)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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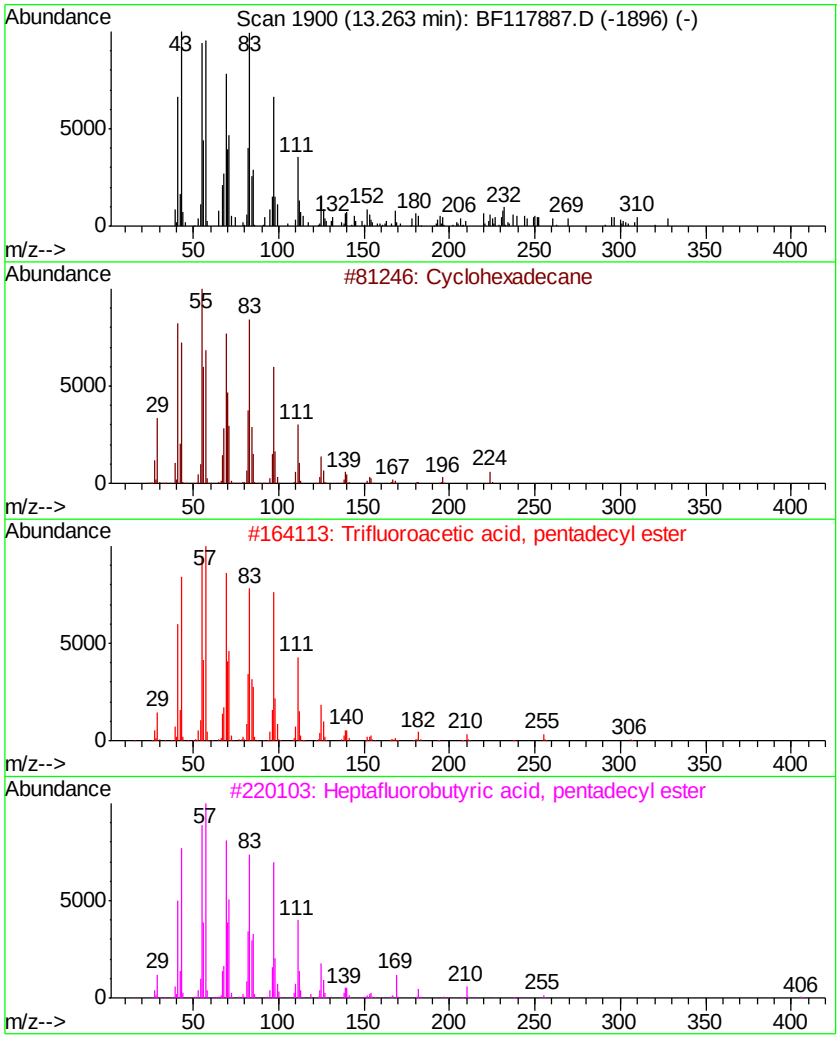
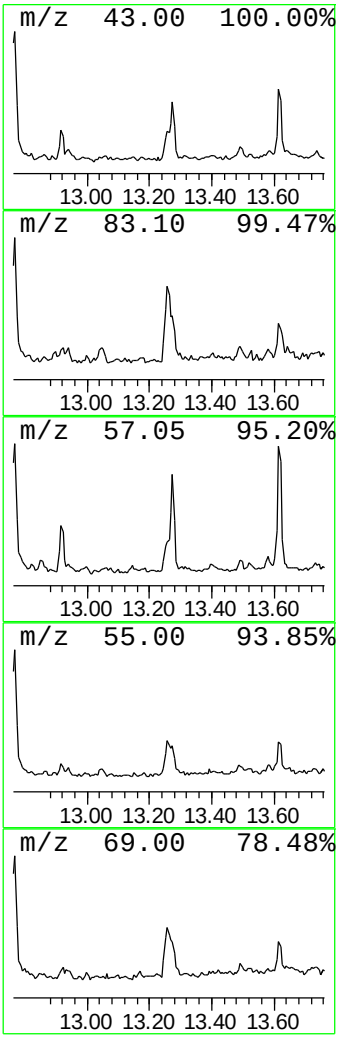
Peak Number 10 Trifluoroacetic acid, penta... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	2.08 ng	86055	Chrysene-d12	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	96
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
4	n-Heptadecanol-1	256	C17H36O	001454-85-9	90
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87





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Acq On : 20 Nov 2019 12:37
Operator : JU
Sample : K5908-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8D-(12-18)

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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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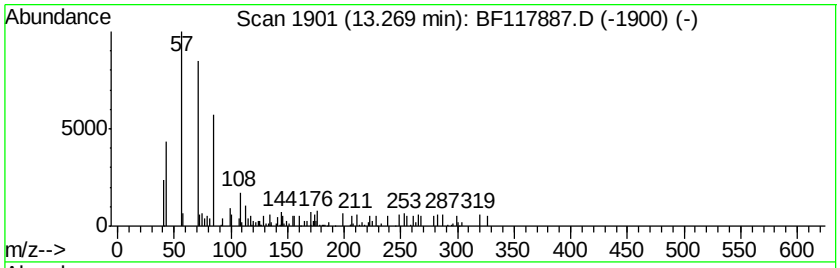
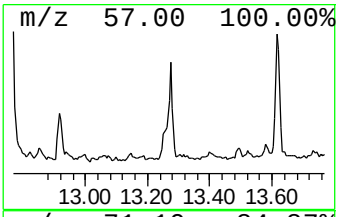
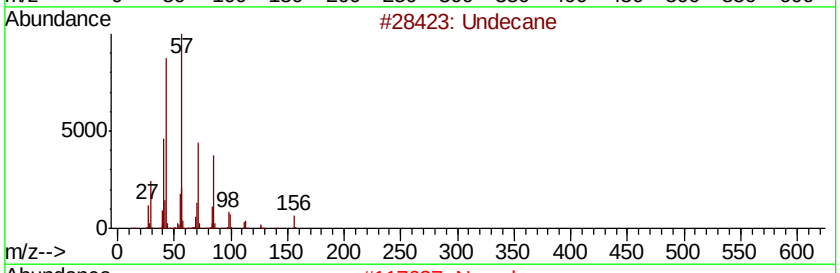
Peak Number 11 Undecane Concentration Rank 18

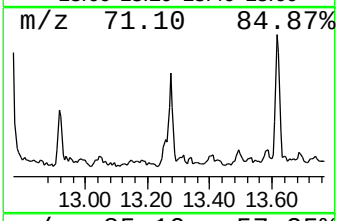
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	2.47 ng	102051	Chrysene-d12	14.10

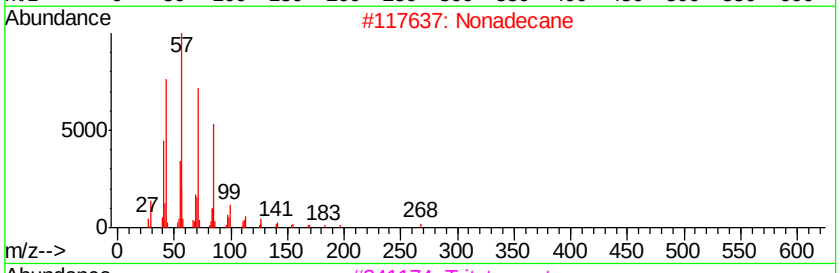
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	64
2	Nonadecane	268	C19H40	000629-92-5	64
3	Tritetracontane	605	C43H88	007098-21-7	64
4	Heptadecane	240	C17H36	000629-78-7	64
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64

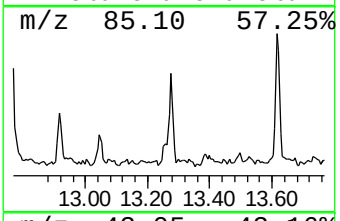


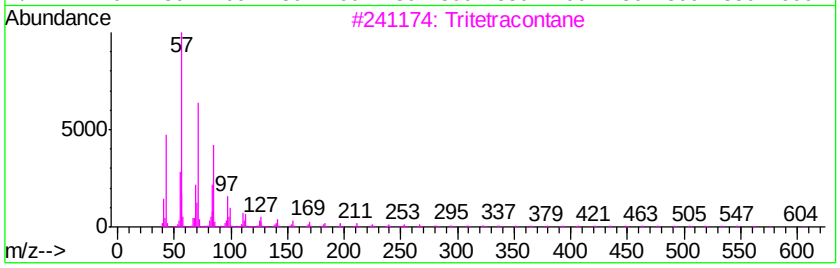


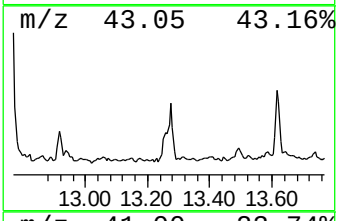


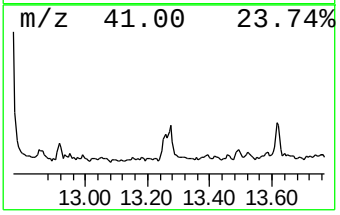












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Data File : BF117887.D
Acq On : 20 Nov 2019 12:37
Operator : JU
Sample : K5908-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8D-(12-18)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

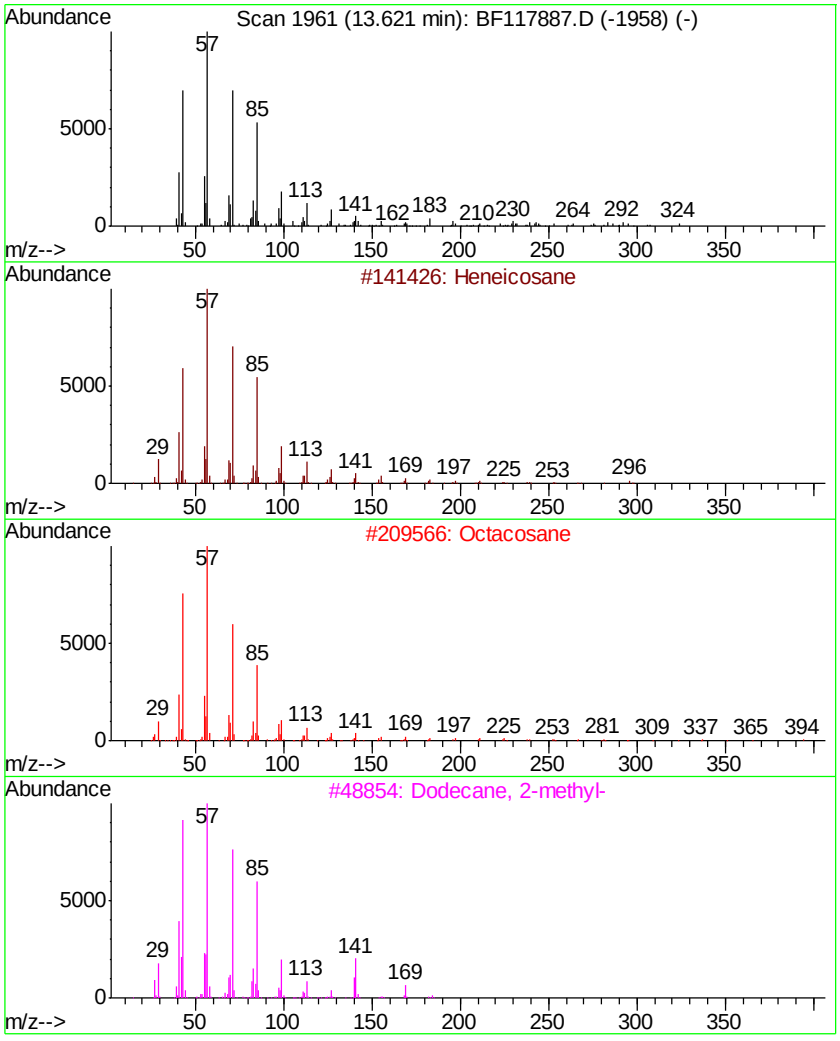
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

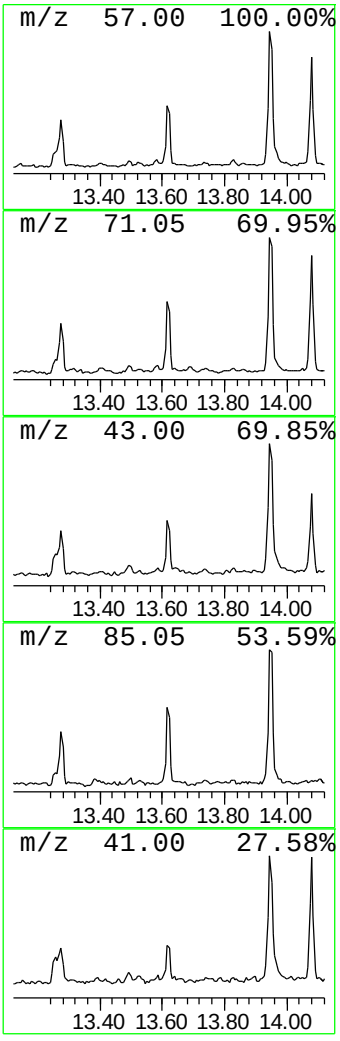
****

Peak Number 12 Heneicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	3.06 ng	126423	Chrysene-d12	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Octacosane	394	C28H58	000630-02-4	87
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
4	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	86
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8D-(12-18)

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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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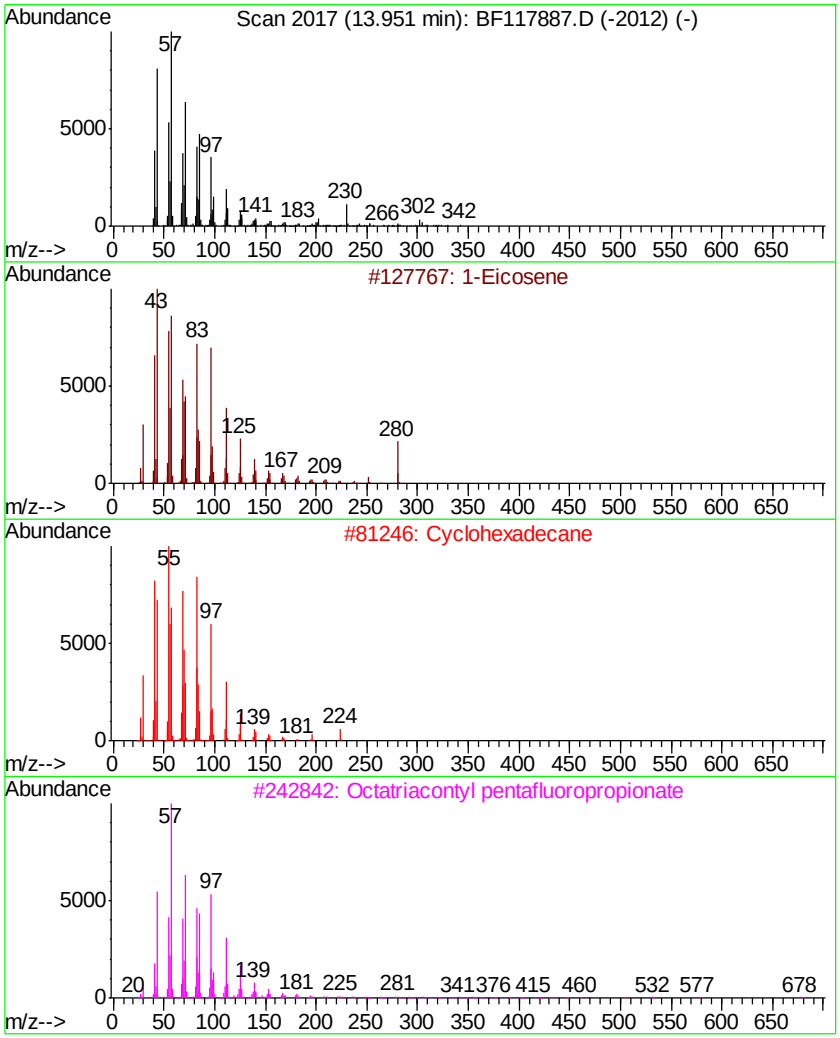
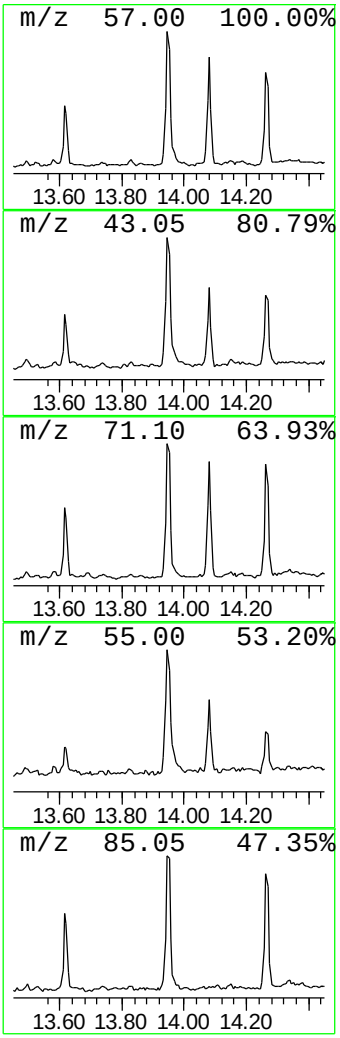
Peak Number 13 1-Eicosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	15.55 ng	642610	Chrysene-d12	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene	280	C20H40	003452-07-1	93
2	Cyclohexadecane	224	C16H32	000295-65-8	91
3	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	91
4	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
5	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91





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Sample : K5908-01
Misc :
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Instrument : BNA_F
ClientSampleId : B-8D-(12-18)

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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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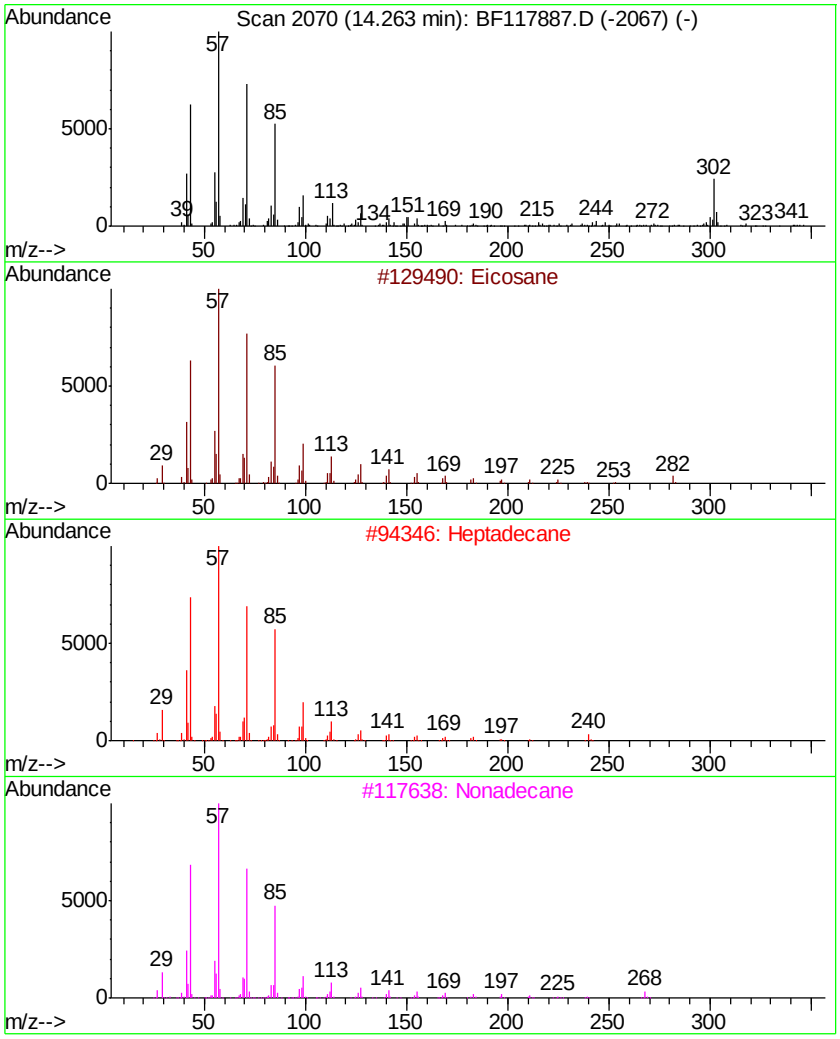
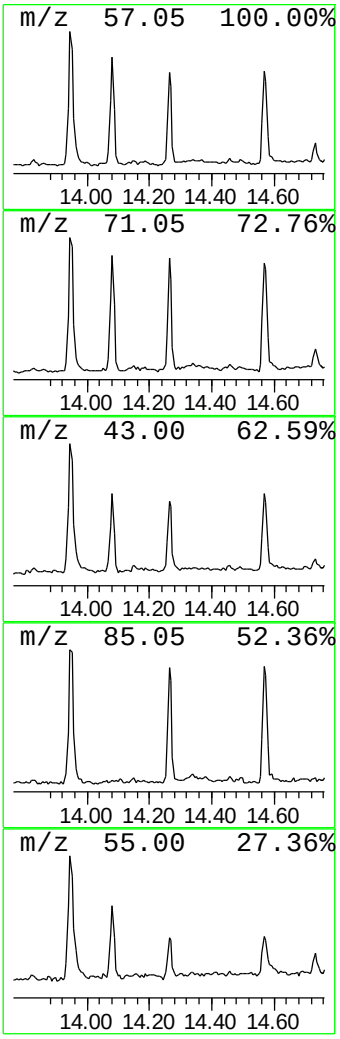
Peak Number 14 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	6.47 ng	267490	Chrysene-d12	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Heptadecane	240	C17H36	000629-78-7	90
3	Nonadecane	268	C19H40	000629-92-5	89
4	Hexadecane	226	C16H34	000544-76-3	86
5	Tetracosane	338	C24H50	000646-31-1	81





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8D-(12-18)

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TIC Library : C:\DATABASE\NIST11.L
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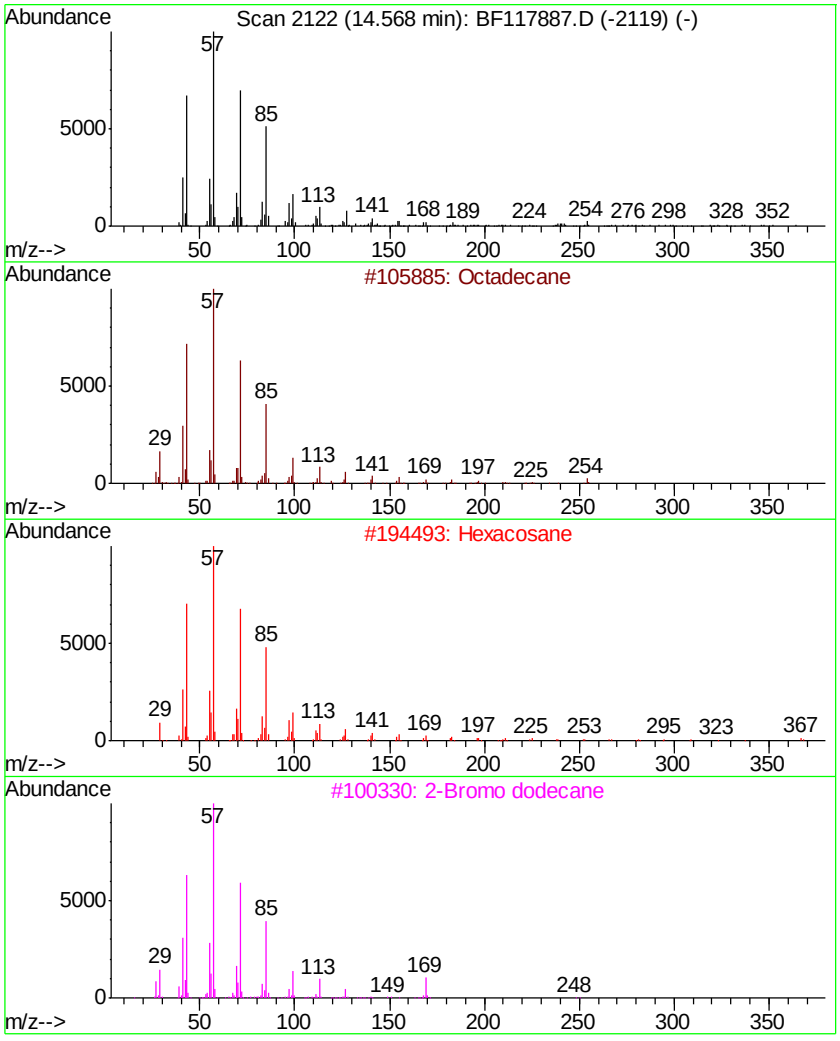
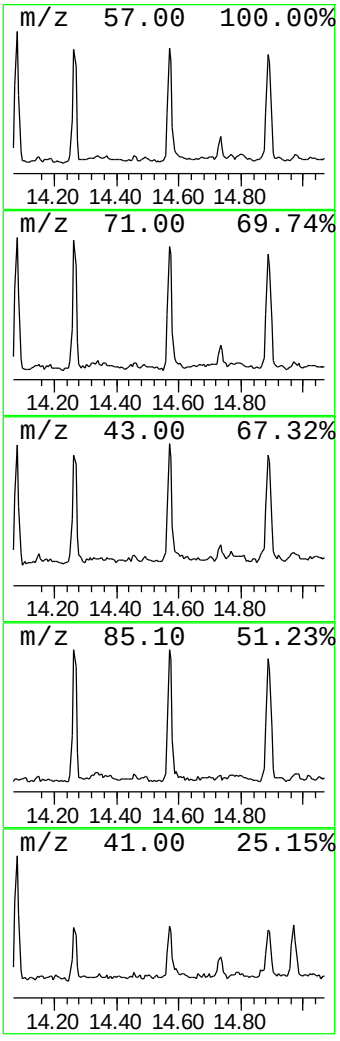
Peak Number 15 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	6.58 ng	271746	Chrysene-d12	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Hexacosane	366	C26H54	000630-01-3	91
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Octacosane	394	C28H58	000630-02-4	91





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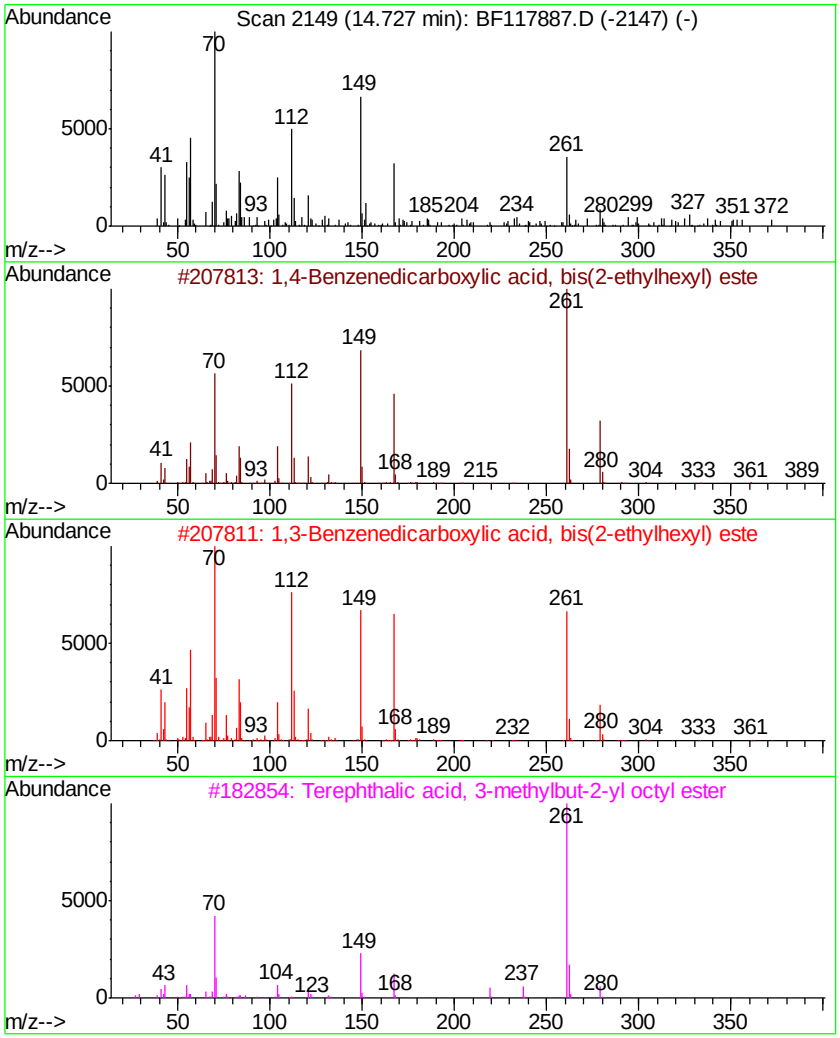
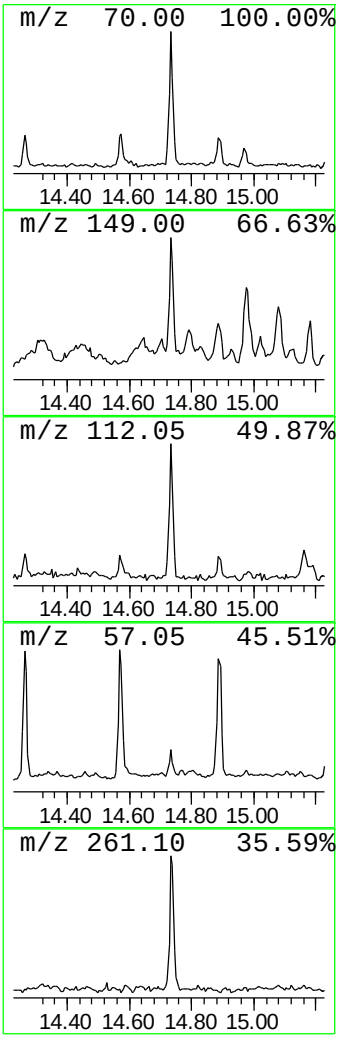
Peak Number 16 1,4-Benzenedicarboxylic aci... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	3.58 ng	148106	Chrysene-d12	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	91
2	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	46
3	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	38
4	Di-n-octyl phthalate	390	C24H38O4	000117-84-0	22
5	2-(Heptyloxycarbonyl)benzoic acid	264	C15H20O4	1000373-67-7	18





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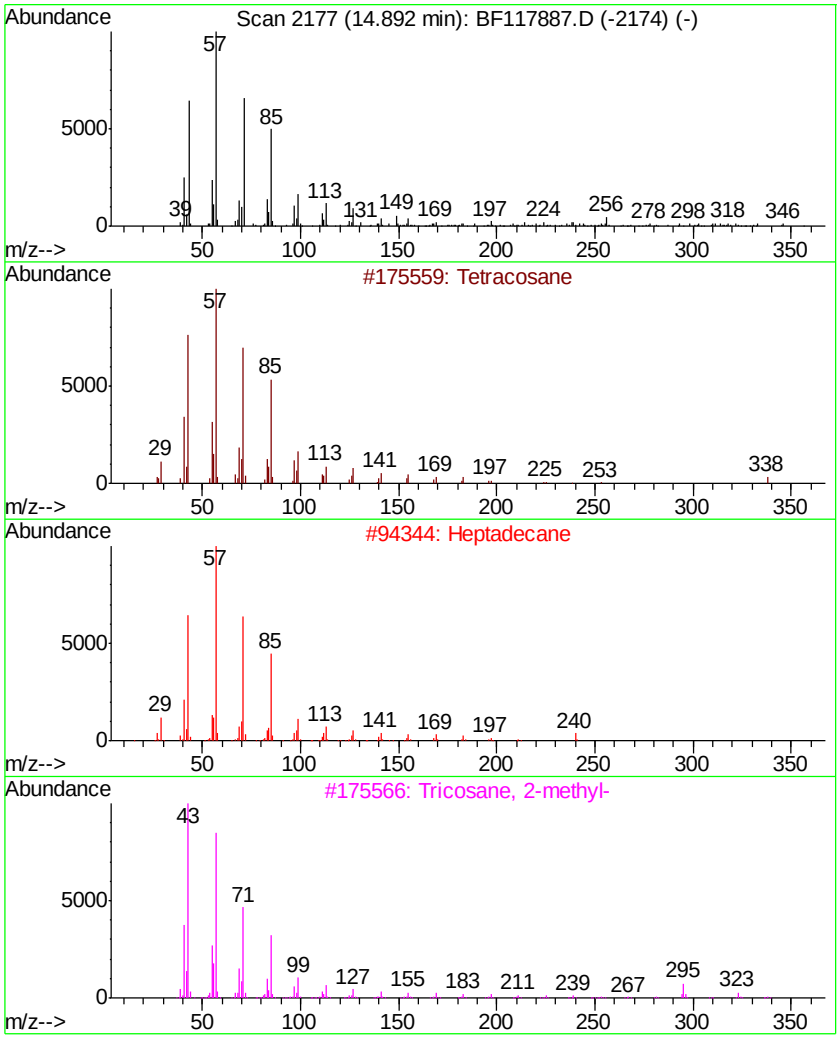
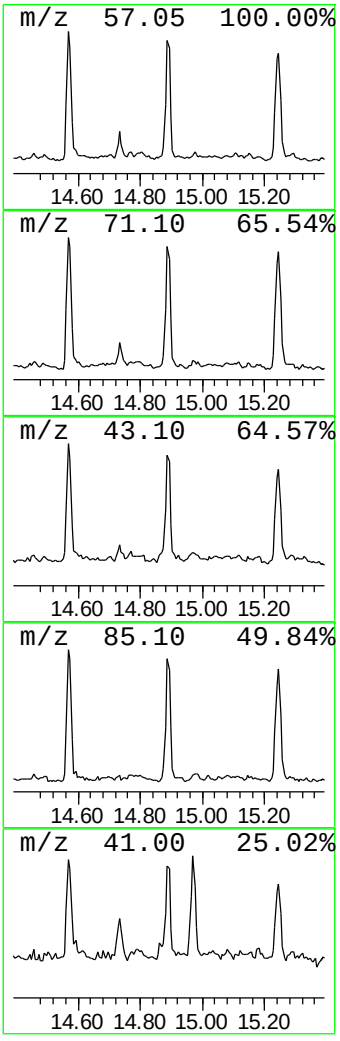
Peak Number 17 Tetracosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	4.43 ng	224416	Perylene-d12	15.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	93
2	Heptadecane	240	C17H36	000629-78-7	93
3	Tricosane, 2-methyl-	338	C24H50	001928-30-9	93
4	Nonadecane	268	C19H40	000629-92-5	92
5	Hexacosane	366	C26H54	000630-01-3	90





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Instrument : BNA_F
ClientSampleId : B-8D-(12-18)

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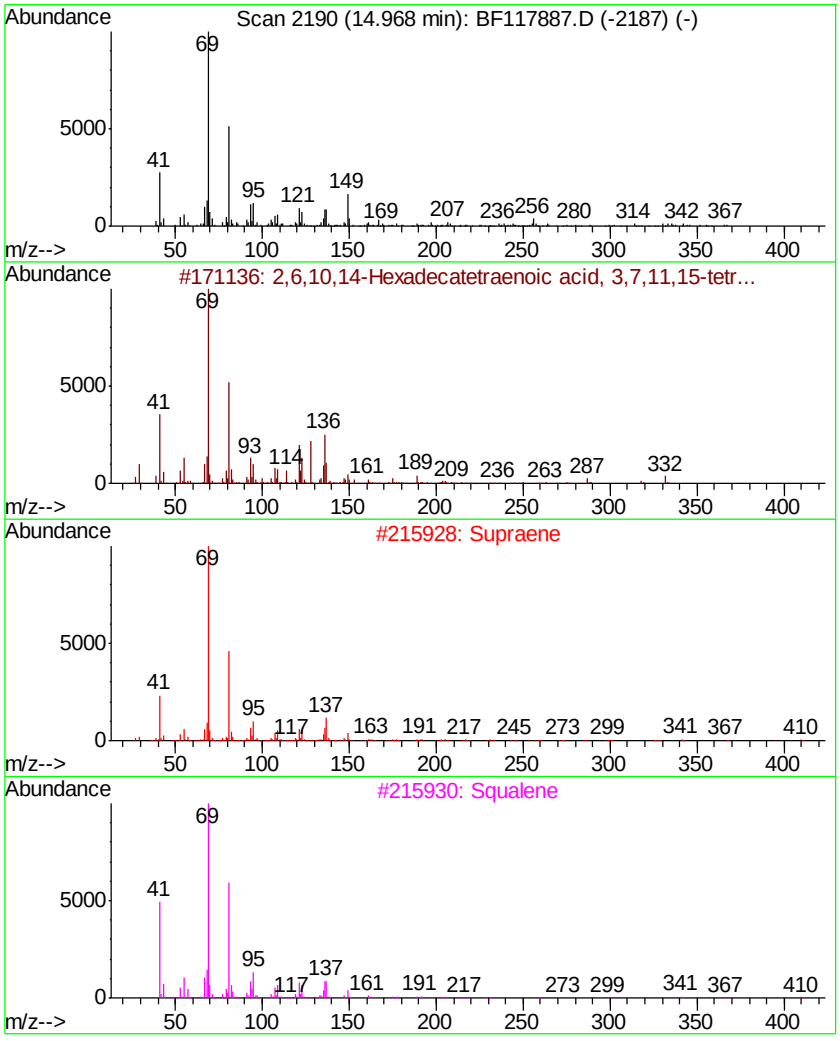
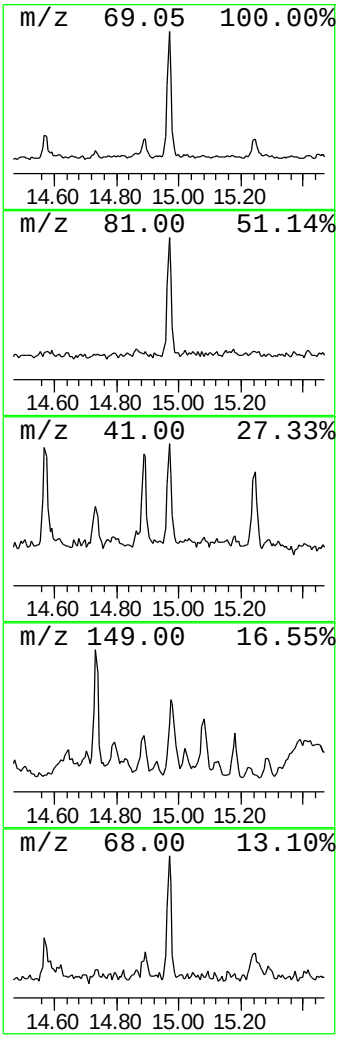
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 2,6,10,14-Hexadecatetraenoi... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	3.78 ng	191180	Perylene-d12	15.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	81
2	Supraene	410	C30H50	007683-64-9	74
3	Squalene	410	C30H50	000111-02-4	74
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	64
5	.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112019\
Data File : BF117887.D
Acq On : 20 Nov 2019 12:37
Operator : JU
Sample : K5908-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8D-(12-18)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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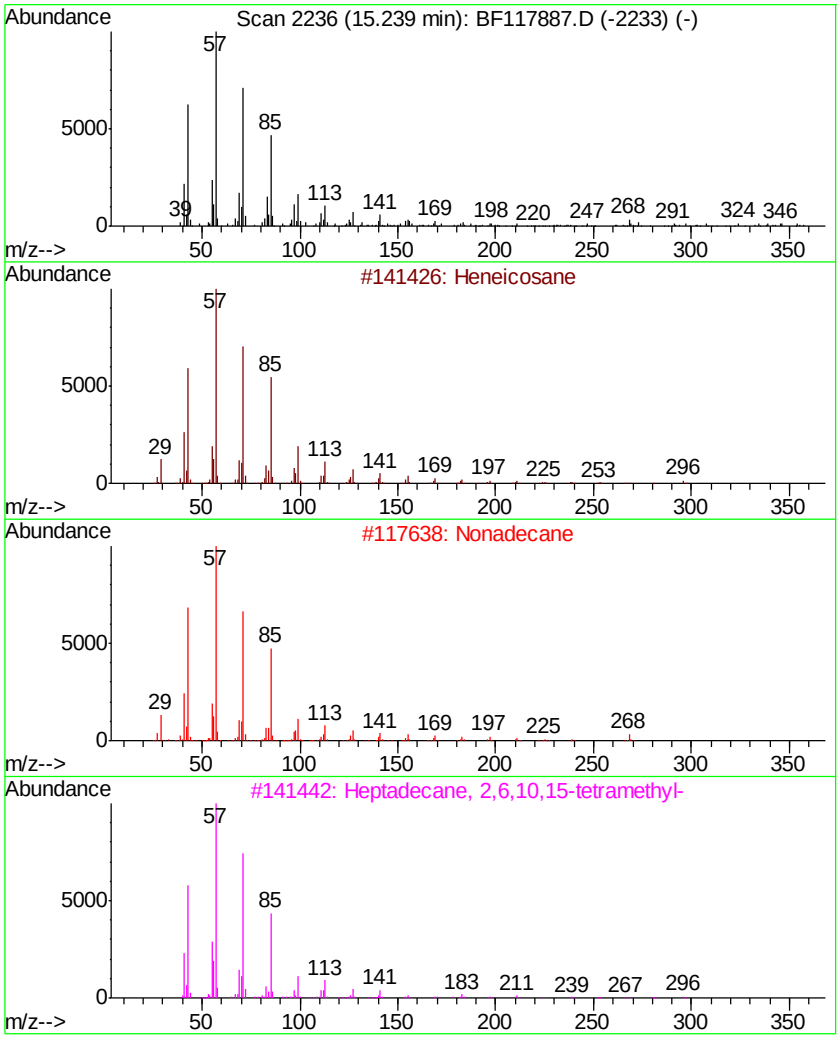
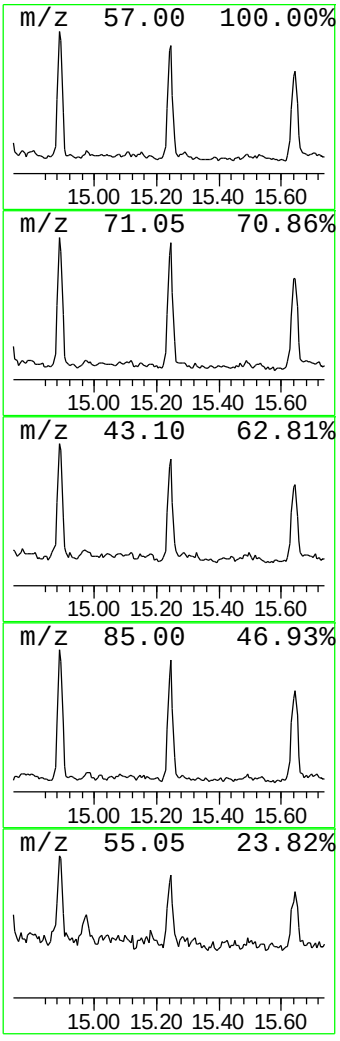
Peak Number 19 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	4.43 ng	223998	Perylene-d12	15.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	99
2	Nonadecane	268	C19H40	000629-92-5	95
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112019\
Data File : BF117887.D
Acq On : 20 Nov 2019 12:37
Operator : JU
Sample : K5908-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8D-(12-18)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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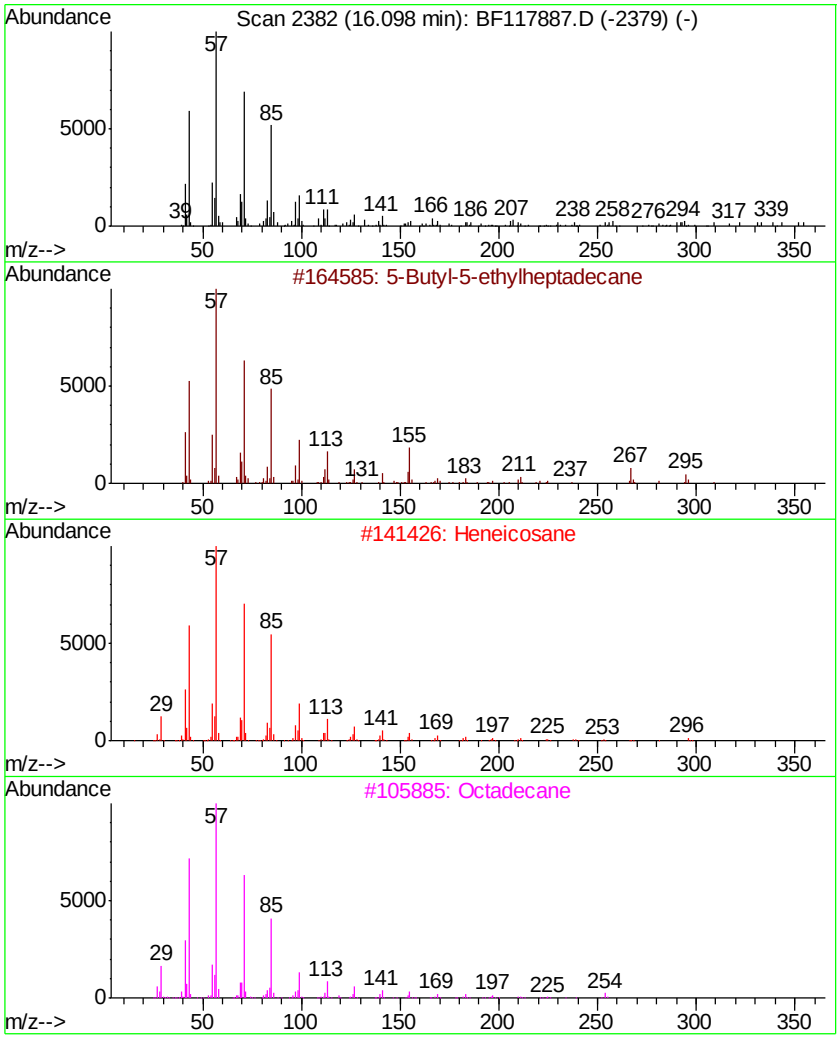
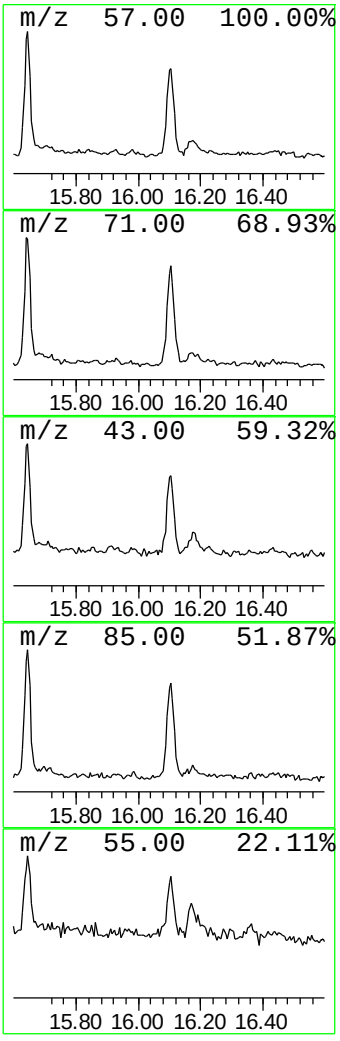
Peak Number 20 5-Butyl-5-ethylheptadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	3.27 ng	165731	Perylene-d12	15.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Butyl-5-ethylheptadecane	324	C23H48	1000360-43-0	90
2	Heneicosane	296	C21H44	000629-94-7	87
3	Octadecane	254	C18H38	000593-45-3	86
4	Hexacosane	366	C26H54	000630-01-3	83
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112019\
Data File : BF117887.D
Acq On : 20 Nov 2019 12:37
Operator : JU
Sample : K5908-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-8D-(12-18)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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...	2.19	19.8	ng	988063	1	6.92	1000340	20.0
2-Pentanone, 4-hy...	5.13	14.8	ng	738906	1	6.92	1000340	20.0
2-Butanone	5.32	2.4	ng	120928	1	6.92	1000340	20.0
unknown6.68	6.68	75.5	ng	3775680	1	6.92	1000340	20.0
Metacetamol	9.39	2.6	ng	176073	3	9.96	1369490	20.0
Cyclohexadecane	12.50	12.1	ng	697004	4	11.46	1152050	20.0
Benzene, 1,1'-(1,...	12.67	4.3	ng	250261	4	11.46	1152050	20.0
Octadecanoic acid	12.77	9.1	ng	521838	4	11.46	1152050	20.0
Trifluoroacetic a...	13.26	2.1	ng	86055	5	14.10	826599	20.0
Undecane	13.27	2.5	ng	102051	5	14.10	826599	20.0
Heneicosane	13.62	3.1	ng	126423	5	14.10	826599	20.0
1-Eicosene	13.95	15.6	ng	642610	5	14.10	826599	20.0
Eicosane	14.26	6.5	ng	267490	5	14.10	826599	20.0
Octadecane	14.57	6.6	ng	271746	5	14.10	826599	20.0
1,4-Benzenedicarb...	14.73	3.6	ng	148106	5	14.10	826599	20.0
Tetracosane	14.89	4.4	ng	224416	6	15.62	1012190	20.0
2,6,10,14-Hexadec...	14.97	3.8	ng	191180	6	15.62	1012190	20.0
Nonadecane	15.24	4.4	ng	223998	6	15.62	1012190	20.0
5-Butyl-5-ethylhe...	16.10	3.3	ng	165731	6	15.62	1012190	20.0