LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081320\
Data File : BF121283.D
Acq On : 13 Aug 2020 21:41
Operator : JU/CG
Sample : L3508-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 2

Instrument : BNA_F
ClientSampleId : TR-05-081120

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-BF081320.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	5.322	546	550	562	rVB	951437	922245	14.99%	2.640%
2	6.351	722	725	736	rBV	1025176	944820	15.36%	2.705%
3	6.722	784	788	791	rBV	816541	662243	10.77%	1.896%
4	7.281	880	883	887	rBV	797829	642008	10.44%	1.838%
5	8.004	1002	1006	1008	rBV	1130946	892773	14.51%	2.556%
6	8.028	1008	1010	1013	rVB	145156	112506	1.83%	0.322%
7	8.716	1124	1127	1130	rVB	201470	144208	2.34%	0.413%
8	8.816	1140	1144	1150	rVB	90029	76676	1.25%	0.219%
9	9.075	1185	1188	1192	rBV	1413211	1265836	20.58%	3.623%
10	9.345	1230	1234	1237	rBV	123446	102681	1.67%	0.294%
11	9.475	1252	1256	1260	rBV2	173069	184111	2.99%	0.527%
12	9.751	1300	1303	1306	rVV	1097932	967102	15.72%	2.768%
13	9.786	1306	1309	1313	rVB	174925	141219	2.30%	0.404%
14	9.957	1334	1338	1341	rBV	129717	100957	1.64%	0.289%
15	10.298	1393	1396	1402	rVB	158176	142302	2.31%	0.407%
16	10.539	1433	1437	1441	rBV	857100	719282	11.69%	2.059%
17	10.663	1455	1458	1465	rBV2	64054	77973	1.27%	0.223%
18	11.133	1536	1538	1543	rVB2	56238	62292	1.01%	0.178%
19	11.192	1544	1548	1552	rBV	96810	101805	1.66%	0.291%
20	11.233	1552	1555	1557	rVV	1177986	997406	16.22%	2.855%
21	11.257	1557	1559	1563	rVV	631976	492329	8.00%	1.409%
22	11.310	1563	1568	1571	rVB	216510	183339	2.98%	0.525%
23	11.345	1571	1574	1577	rBV	120373	99441	1.62%	0.285%
24	11.457	1589	1593	1601	rBV2	142561	224919	3.66%	0.644%
25	11.557	1608	1610	1615	rVB2	221233	189619	3.08%	0.543%
26	11.639	1620	1624	1627	rBV	3830401	3611362	58.71%	10.338%
27	11.733	1637	1640	1643	rBV	79838	77333	1.26%	0.221%
28	11.763	1643	1645	1647	rBV	103854	92962	1.51%	0.266%
29	11.845	1656	1659	1662	rBV	191855	194568	3.16%	0.557%
30	11.957	1671	1678	1683	rVB5	80642	134199	2.18%	0.384%
31	12.039	1689	1692	1694	rBV2	118157	115989	1.89%	0.332%
32	12.286	1730	1734	1736	rBV	75400	84891	1.38%	0.243%
33	12.333	1736	1742	1743	rBV	4182918	6150988	100.00%	17.607%
34	12.351	1743	1745	1746	rBV	1333655	1117469	18.17%	3.199%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081320\
Data File : BF121283.D
Acq On : 13 Aug 2020 21:41
Operator : JU/CG
Sample : L3508-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 2

Instrument : BNA_F
ClientSampleId : TR-05-081120

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-BF081320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.433	1755	1759	1765	rVB2	2774153	3312952	53.86%	9.483%
36	12.492	1765	1769	1771	rBV3	66707	83485	1.36%	0.239%
37	12.674	1794	1800	1803	rBV	929472	1016853	16.53%	2.911%
38	12.821	1819	1825	1831	rVB	1399470	1253201	20.37%	3.587%
39	12.892	1834	1837	1841	rBV2	60616	104560	1.70%	0.299%
40	13.004	1849	1856	1862	rBV	246300	404188	6.57%	1.157%
41	13.074	1862	1868	1871	rVV	748606	797304	12.96%	2.282%
42	13.110	1871	1874	1876	rVV2	119819	148623	2.42%	0.425%
43	13.151	1878	1881	1885	rVV	429181	376197	6.12%	1.077%
44	13.198	1887	1889	1891	rVV	91531	84454	1.37%	0.242%
45	13.227	1892	1894	1897	rVV	105627	123664	2.01%	0.354%
46	13.257	1897	1899	1904	rVV3	125299	156328	2.54%	0.447%
47	13.310	1906	1908	1912	rVB4	68454	74464	1.21%	0.213%
48	13.574	1949	1953	1957	rVB2	191363	258577	4.20%	0.740%
49	13.668	1967	1969	1975	rVB2	57456	66523	1.08%	0.190%
50	13.751	1980	1983	1988	rVV3	101081	164354	2.67%	0.470%
51	13.815	1992	1994	1997	rVV	243436	216077	3.51%	0.619%
52	13.868	1998	2003	2006	rVV2	1014103	1281168	20.83%	3.667%
53	13.898	2006	2008	2014	rVB	349870	322371	5.24%	0.923%
54	13.974	2019	2021	2026	rVB	102926	94064	1.53%	0.269%
55	14.351	2082	2085	2087	rBV2	65943	63774	1.04%	0.183%
56	14.380	2087	2090	2092	rBV2	108476	117772	1.91%	0.337%
57	14.439	2097	2100	2105	rVV4	124470	146012	2.37%	0.418%
58	14.886	2172	2176	2179	rBV	354853	530622	8.63%	1.519%
59	15.168	2221	2224	2230	rVB	219341	272618	4.43%	0.780%
60	15.227	2231	2234	2240	rBV	330603	407402	6.62%	1.166%
61	15.292	2240	2245	2248	rBV	600425	787558	12.80%	2.254%
62	16.662	2474	2478	2485	rVB2	138614	239253	3.89%	0.685%

Sum of corrected areas: 34934271

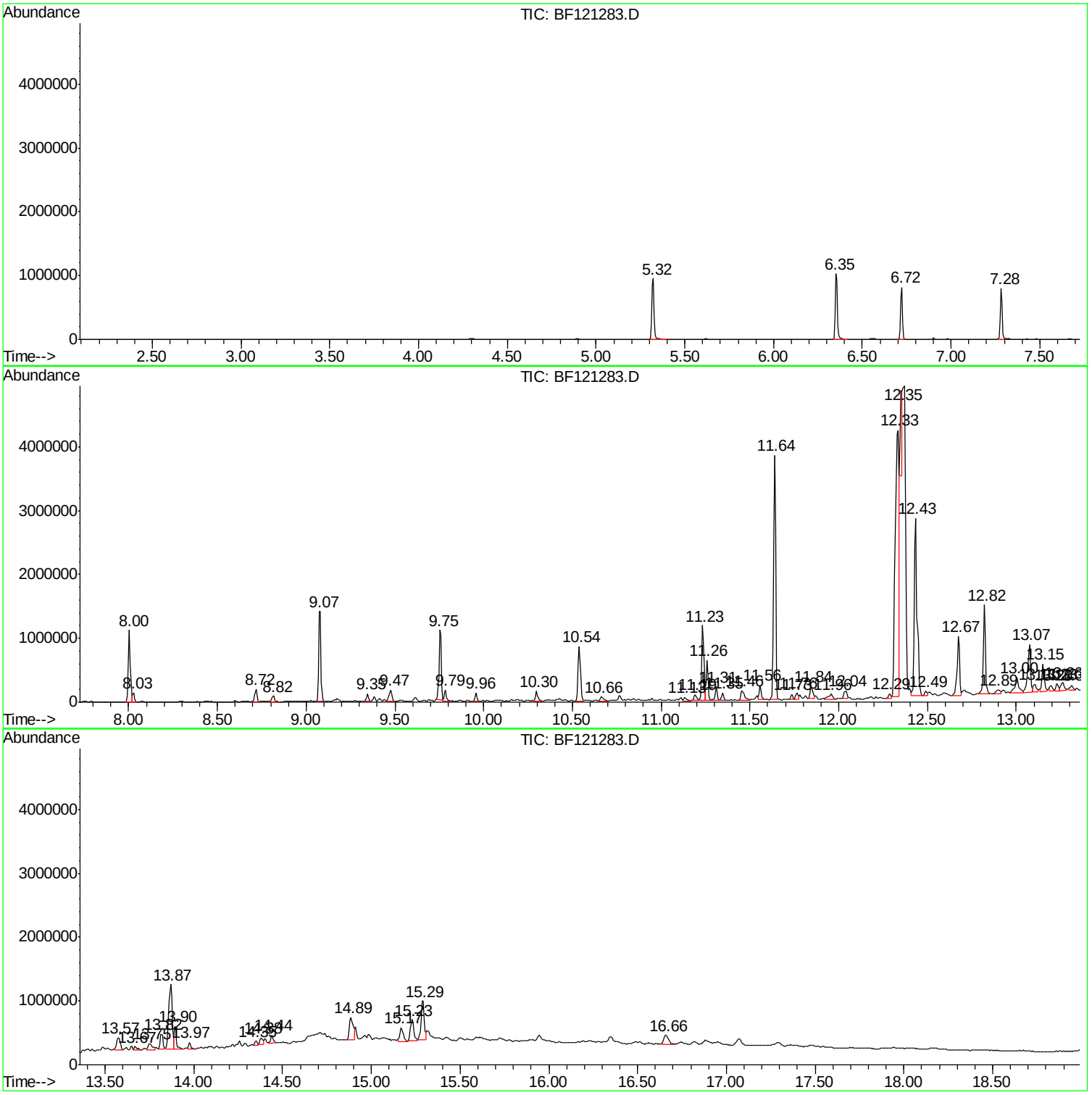
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081320\
Data File : BF121283.D
Acq On : 13 Aug 2020 21:41
Operator : JU/CG
Sample : L3508-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 2

Instrument :
BNA_F
ClientSampleId :
TR-05-081120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.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\BF081320\
Data File : BF121283.D
Acq On : 13 Aug 2020 21:41
Operator : JU/CG
Sample : L3508-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 2

Instrument : BNA_F
ClientSampleId : TR-05-081120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

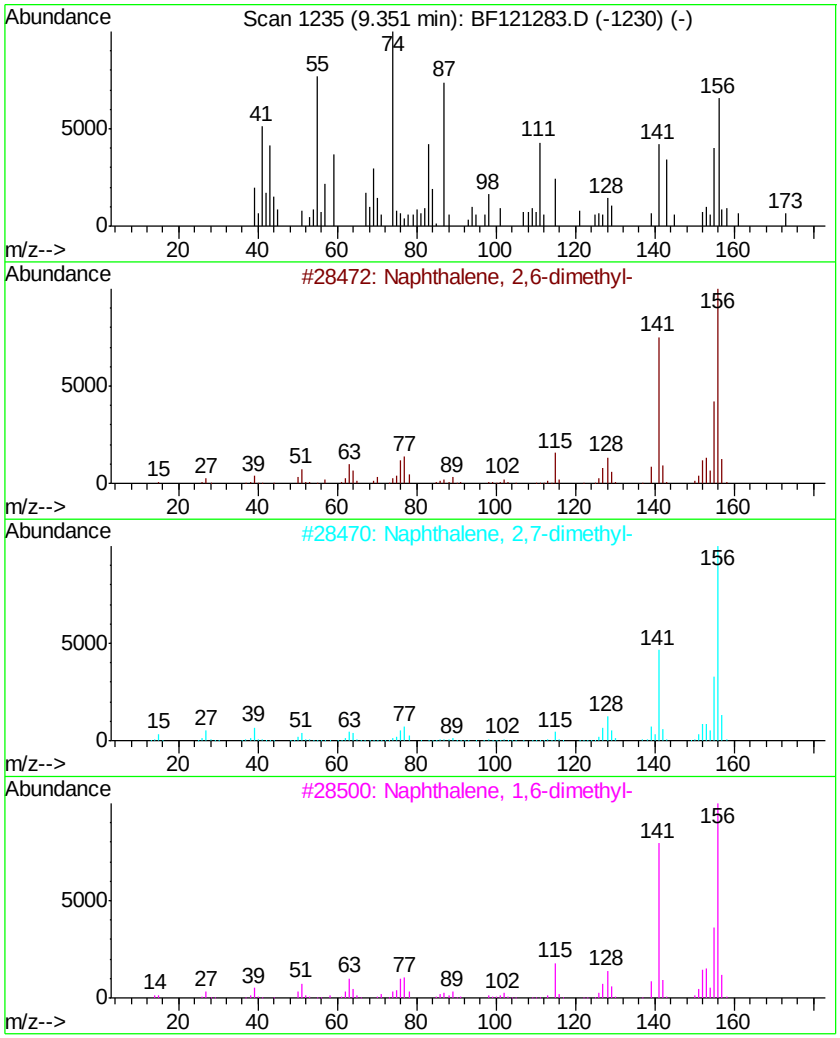
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

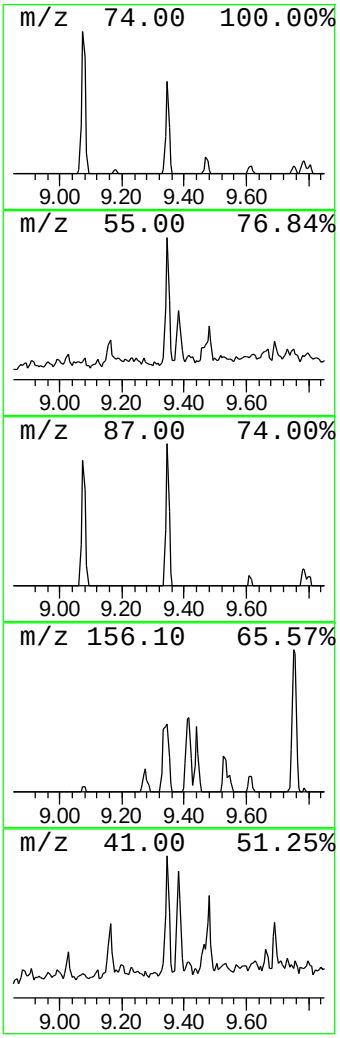
****

Peak Number 1 Naphthalene, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	2.12 ng	102681	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	64
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	60
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	56
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	40
5	Pent-1-yn-3-ene, 4-methyl-3-phenyl-	156	C12H12	065050-80-8	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081320\
Data File : BF121283.D
Acq On : 13 Aug 2020 21:41
Operator : JU/CG
Sample : L3508-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 2

Instrument : BNA_F
ClientSampleId : TR-05-081120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

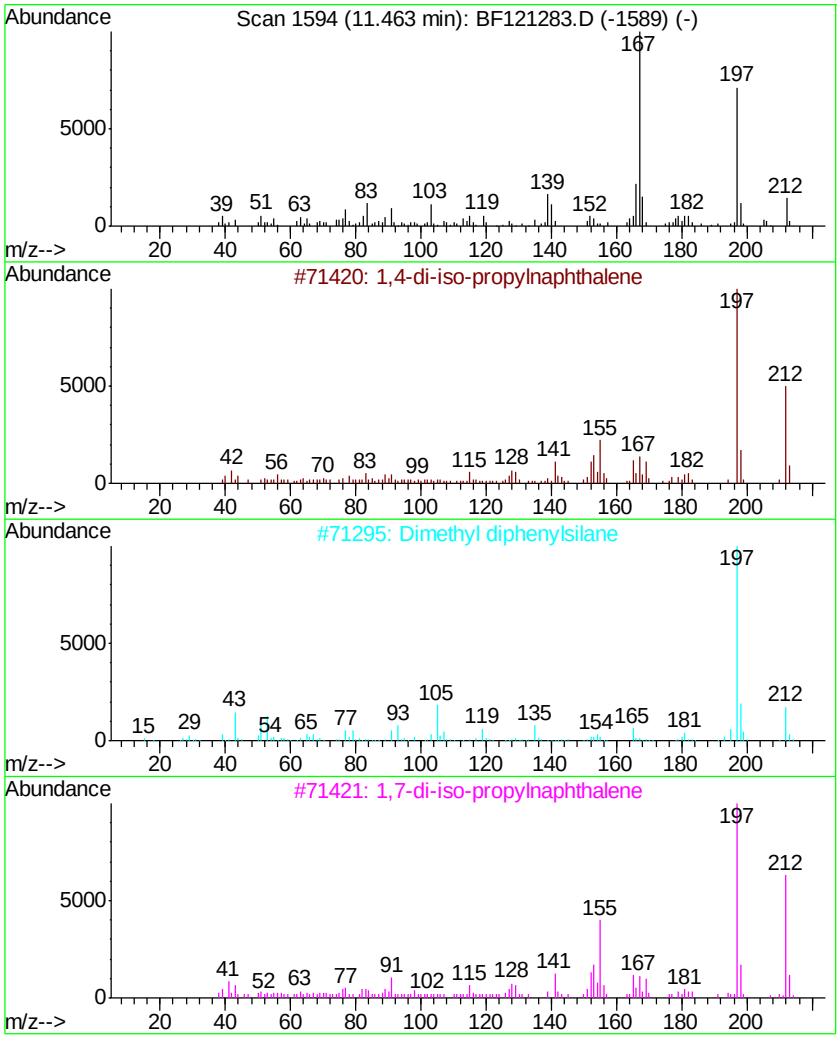
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

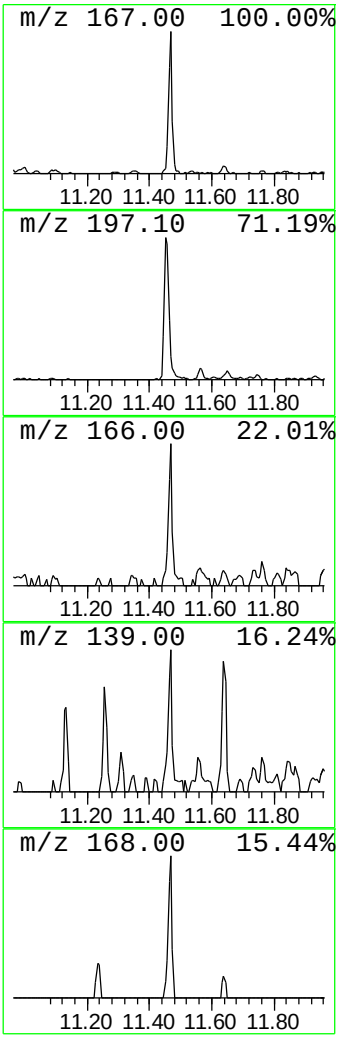
****

Peak Number 3 1,4-di-iso-propylnaphthalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	4.51 ng	224919	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-di-iso-propylnaphthalene	212	C16H20	1000374-05-7	72
2	Dimethyl diphenylsilane	212	C14H16Si	000778-24-5	68
3	1,7-di-iso-propylnaphthalene	212	C16H20	1000374-06-1	64
4	Phenol, 4-(1-methyl-1-phenylethyl)-	212	C15H16O	000599-64-4	64
5	Benzo[d,E]isocoumarin, 3,3-dimet...	212	C14H12O2	005723-17-1	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081320\
Data File : BF121283.D
Acq On : 13 Aug 2020 21:41
Operator : JU/CG
Sample : L3508-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 2

Instrument : BNA_F
ClientSampleId : TR-05-081120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.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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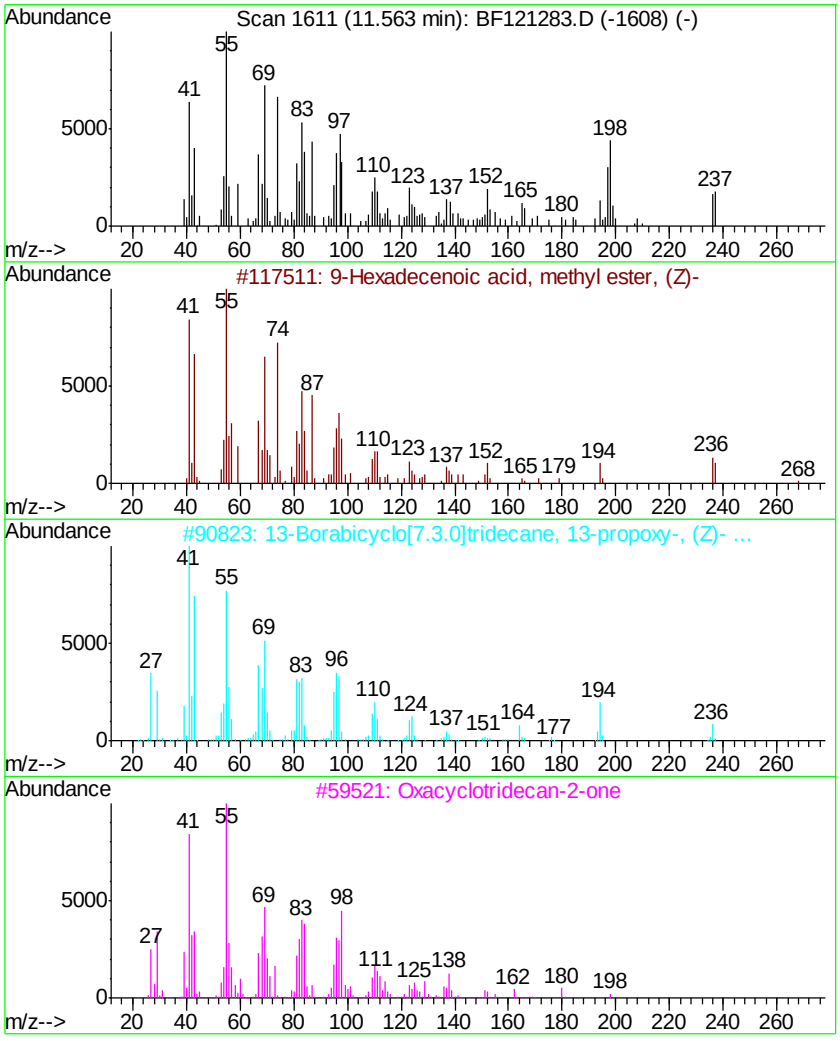
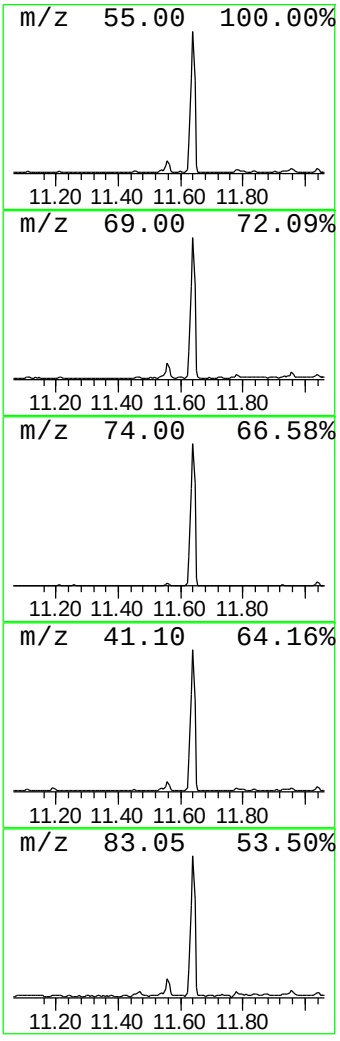
Peak Number 4 9-Hexadecenoic acid, methyl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	3.80 ng	189619	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	91
2	13-Borabicyclo[7.3.0]tridecane, ...	236	C15H29BO	1000156-41-7	50
3	Oxacyclotridecan-2-one	198	C12H22O2	000947-05-7	50
4	Palmitoleic acid	254	C16H30O2	000373-49-9	49
5	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081320\
Data File : BF121283.D
Acq On : 13 Aug 2020 21:41
Operator : JU/CG
Sample : L3508-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 2

Instrument : BNA_F
ClientSampleId : TR-05-081120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

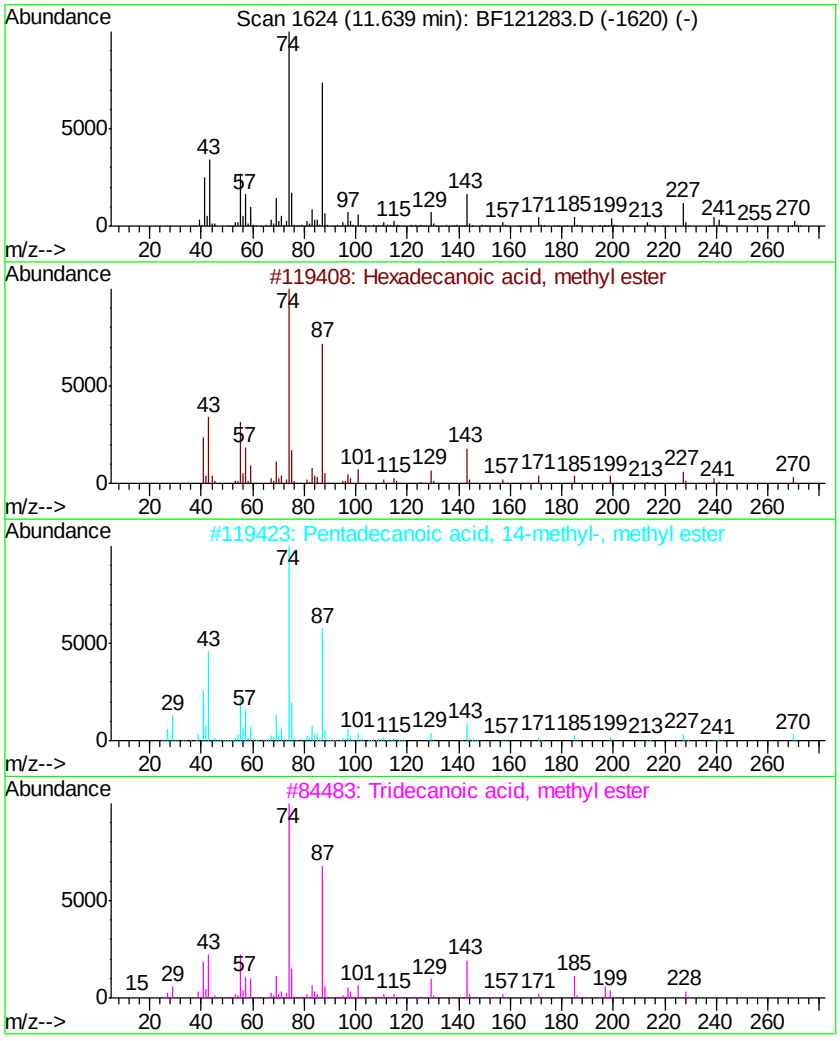
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

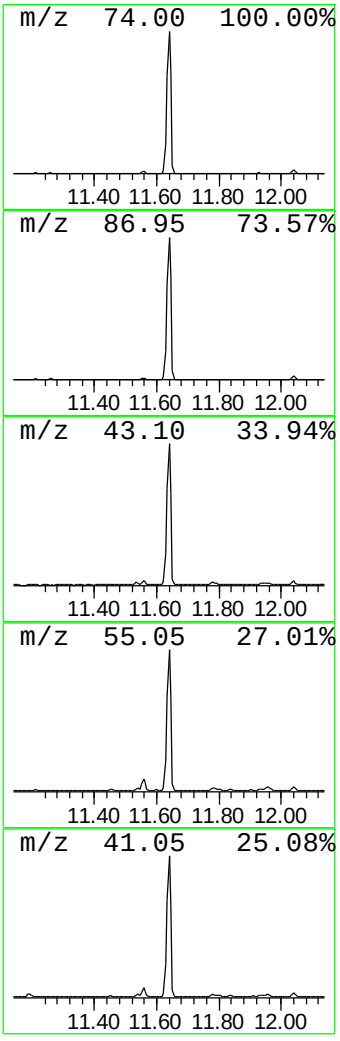
****

Peak Number 5 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	72.42 ng	3611360	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081320\
Data File : BF121283.D
Acq On : 13 Aug 2020 21:41
Operator : JU/CG
Sample : L3508-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 2

Instrument : BNA_F
ClientSampleId : TR-05-081120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

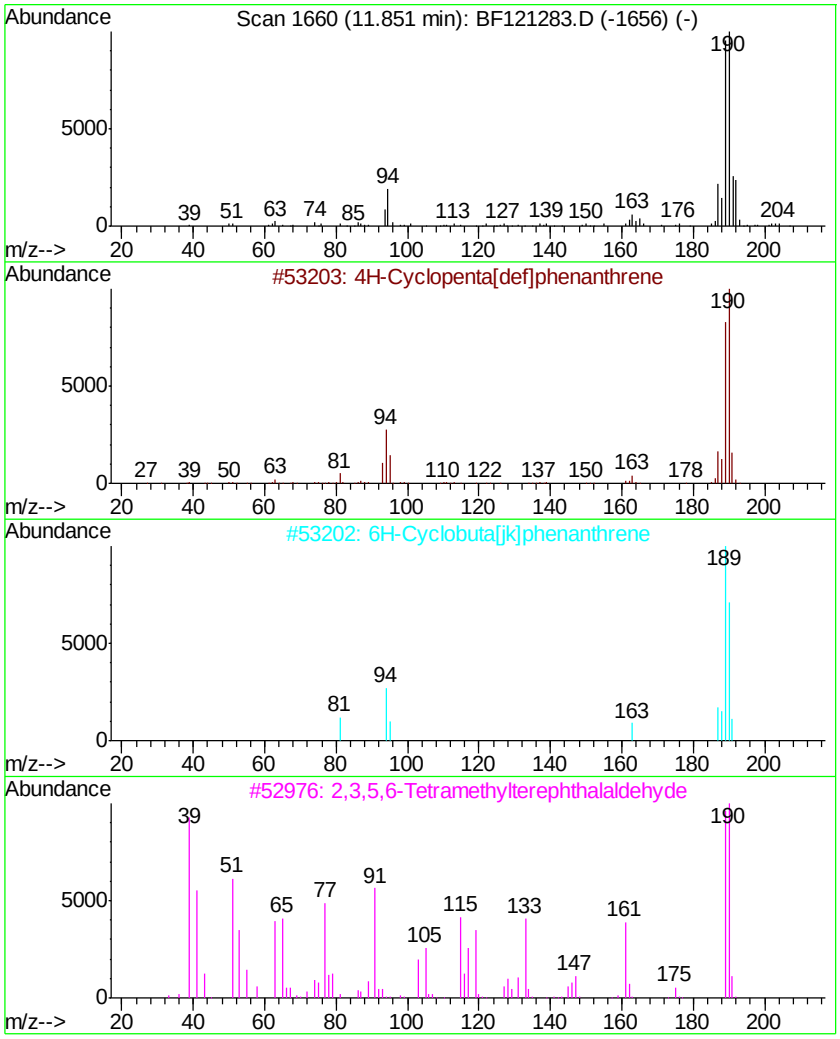
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

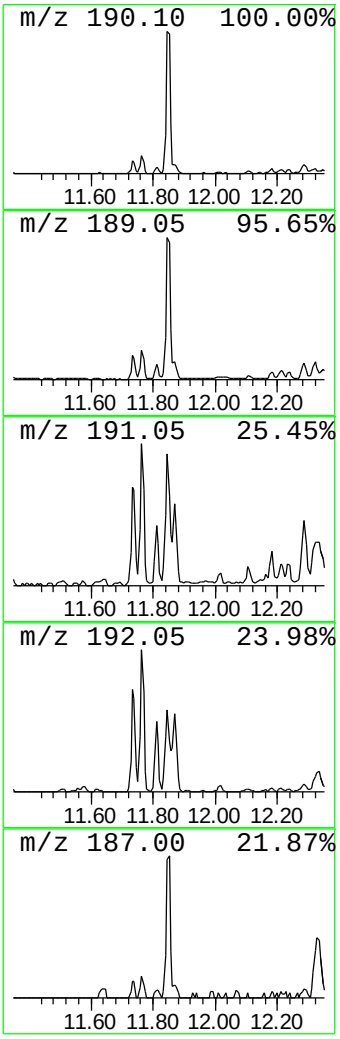
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	3.90 ng	194568	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081320\
Data File : BF121283.D
Acq On : 13 Aug 2020 21:41
Operator : JU/CG
Sample : L3508-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 2

Instrument : BNA_F
ClientSampleId : TR-05-081120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

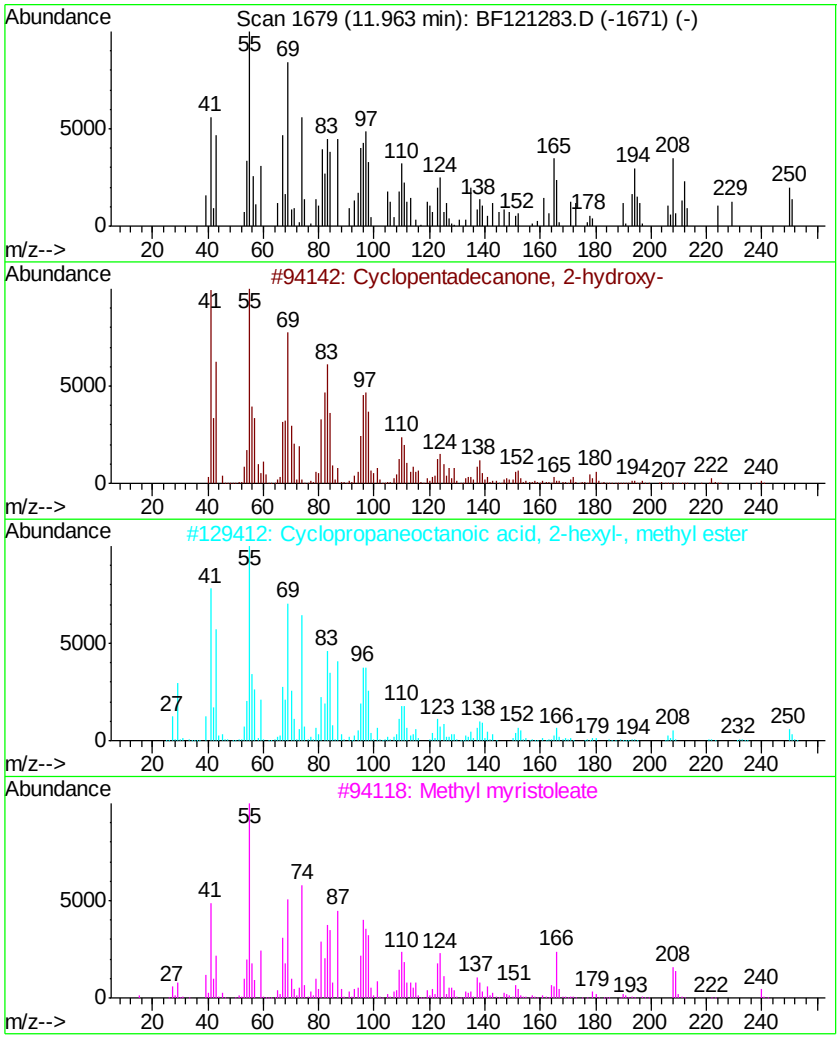
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

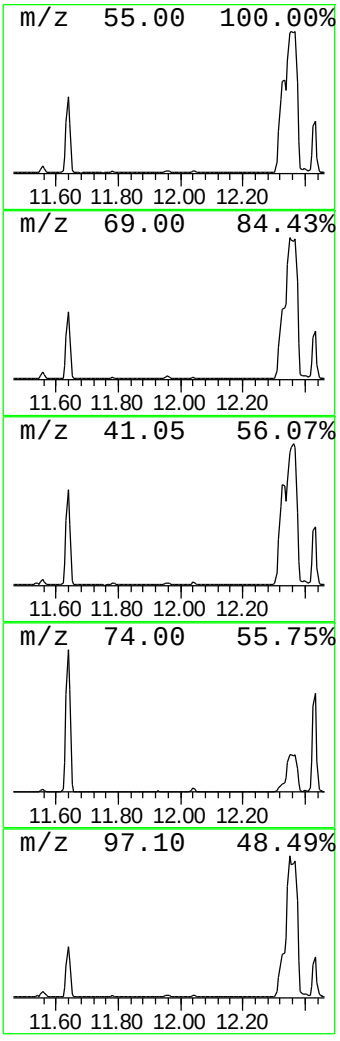
****

Peak Number 7 Cyclopentadecanone, 2-hydroxy- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	2.69 ng	134199	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecanone, 2-hydroxy-	240	C15H28O2	004727-18-8	64
2	Cyclopropaneoctanoic acid, 2-hex...	282	C18H34O2	010152-61-1	53
3	Methyl myristoleate	240	C15H28O2	056219-06-8	49
4	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	41
5	E-9-Tetradecenoic acid	226	C14H26O2	1000131-35-8	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081320\
Data File : BF121283.D
Acq On : 13 Aug 2020 21:41
Operator : JU/CG
Sample : L3508-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 2

Instrument : BNA_F
ClientSampleId : TR-05-081120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

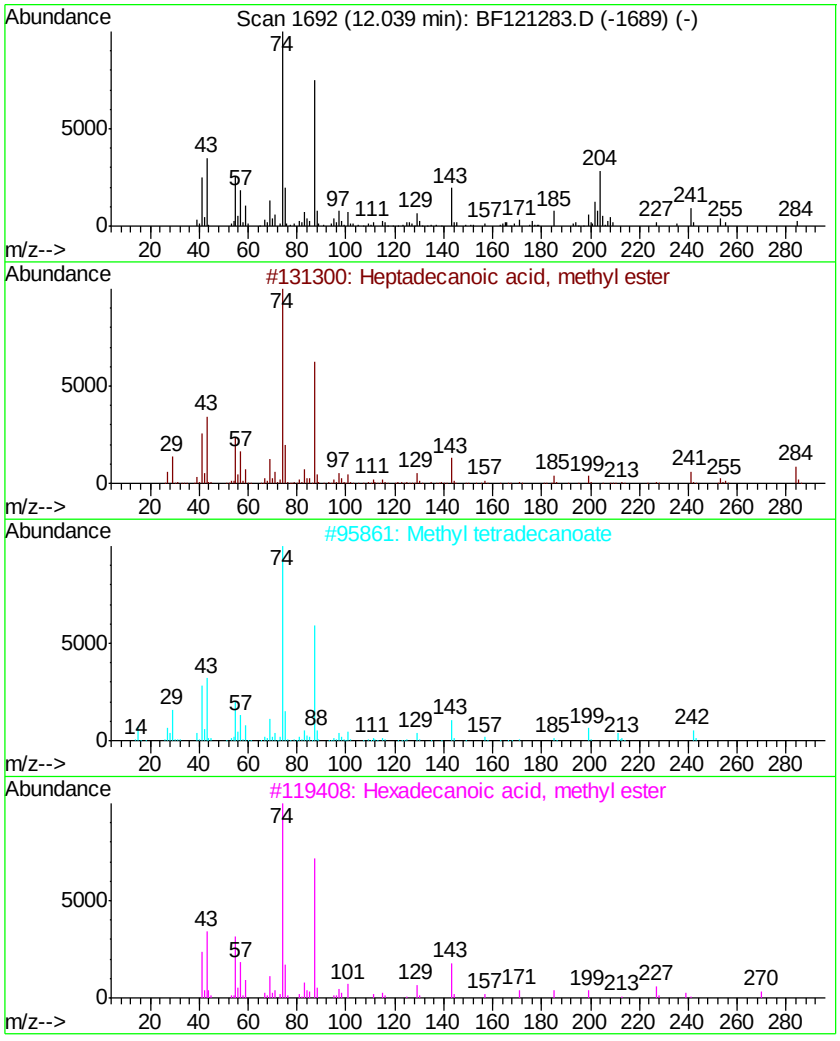
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

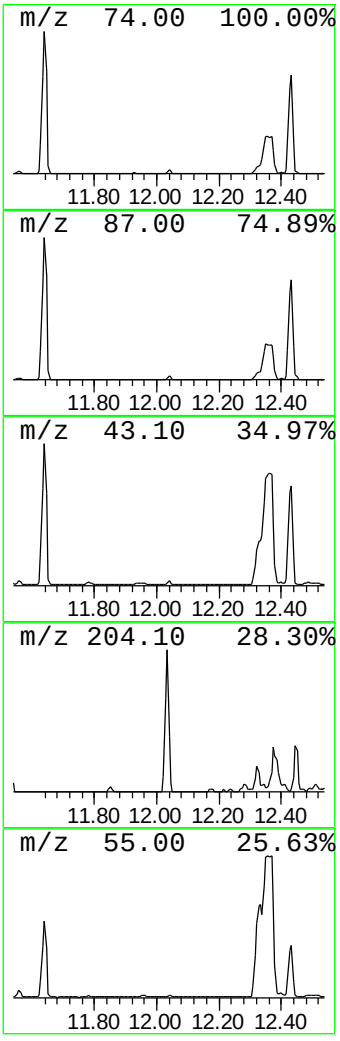
****

Peak Number 8 Heptadecanoic acid, methyl ... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	2.33 ng	115989	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	87
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	81
3	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	74
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	72
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081320\
Data File : BF121283.D
Acq On : 13 Aug 2020 21:41
Operator : JU/CG
Sample : L3508-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 2

Instrument : BNA_F
ClientSampleId : TR-05-081120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

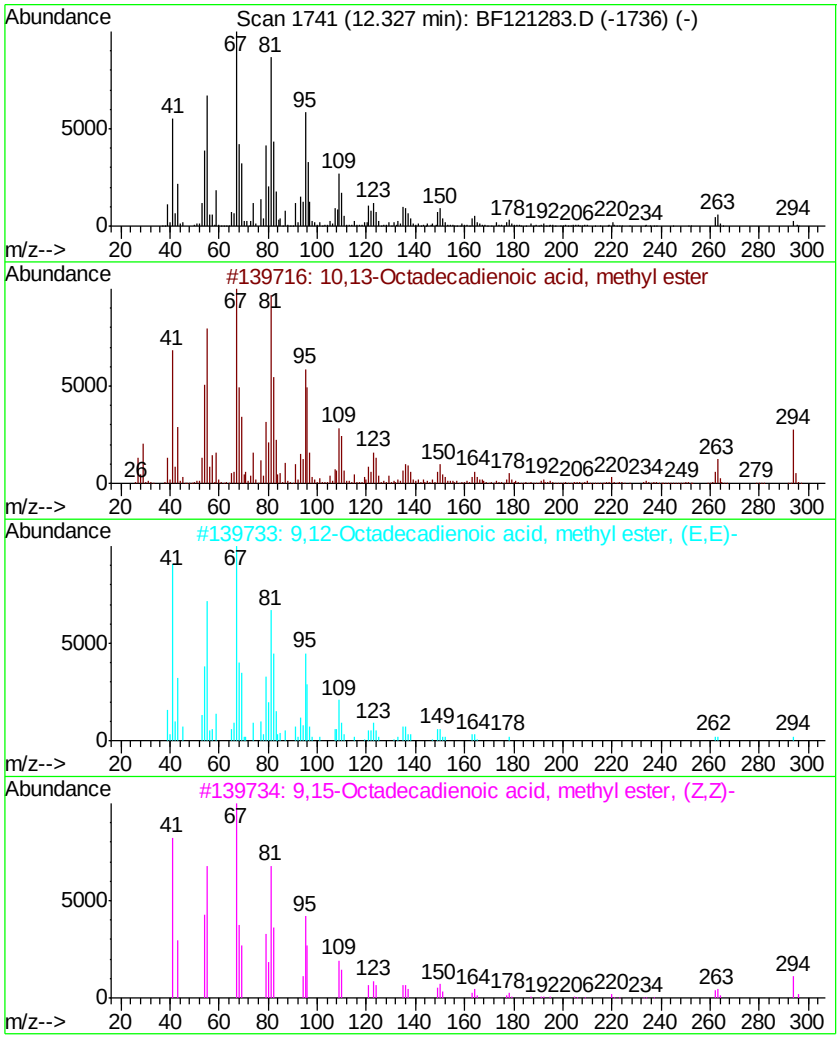
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

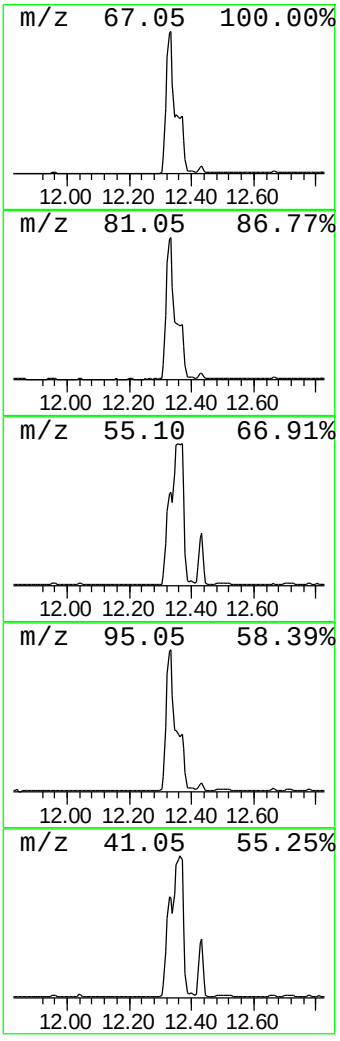
****

Peak Number 9 10,13-Octadecadienoic acid,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	123.34 ng	6150990	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081320\
Data File : BF121283.D
Acq On : 13 Aug 2020 21:41
Operator : JU/CG
Sample : L3508-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 2

Instrument : BNA_F
ClientSampleId : TR-05-081120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

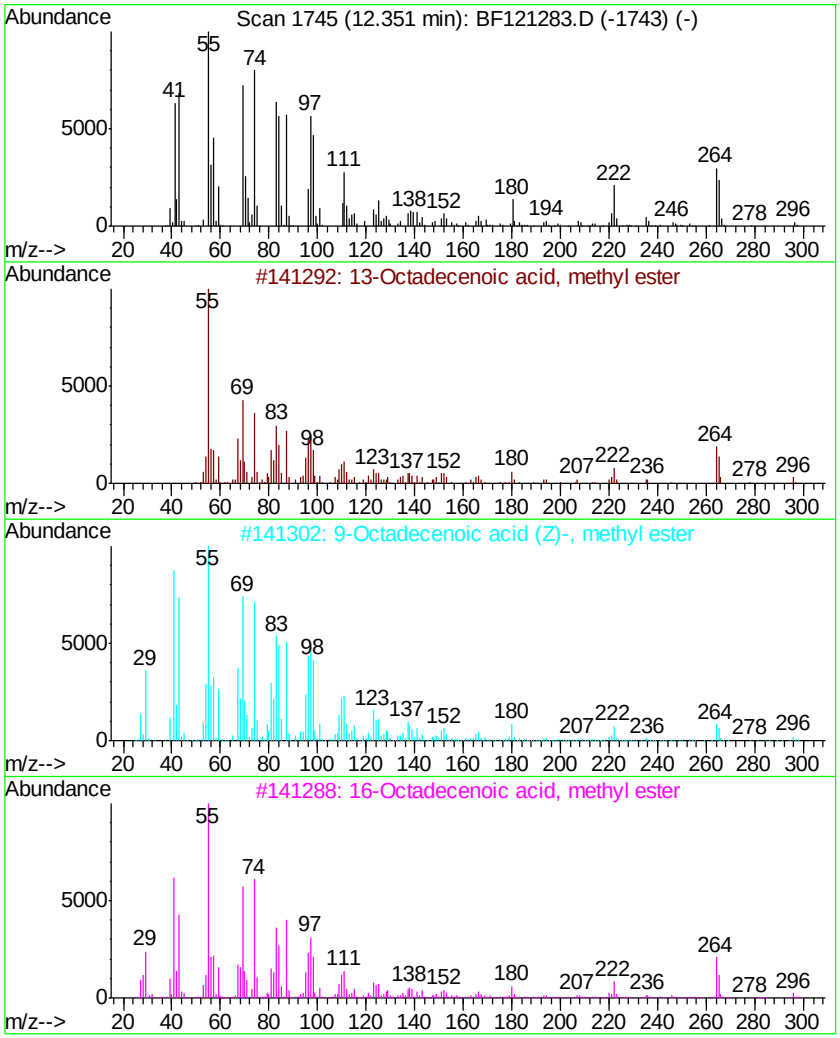
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

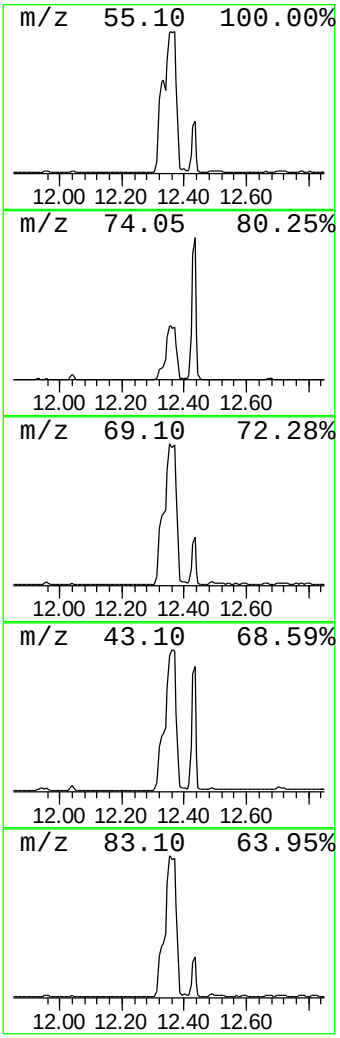
****

Peak Number 10 13-Octadecenoic acid, methy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	22.41 ng	1117470	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	94
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	91
3	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	91
4	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	91
5	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	91





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Data File : BF121283.D
Acq On : 13 Aug 2020 21:41
Operator : JU/CG
Sample : L3508-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 2

Instrument : BNA_F
ClientSampleId : TR-05-081120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

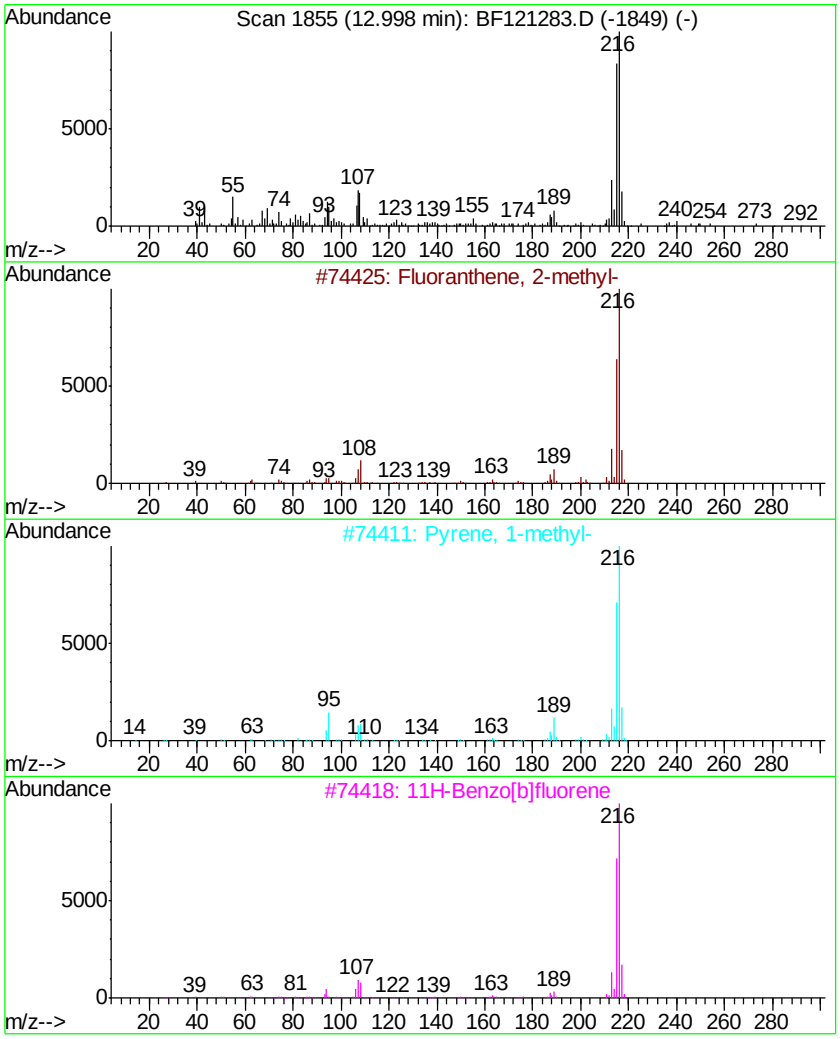
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

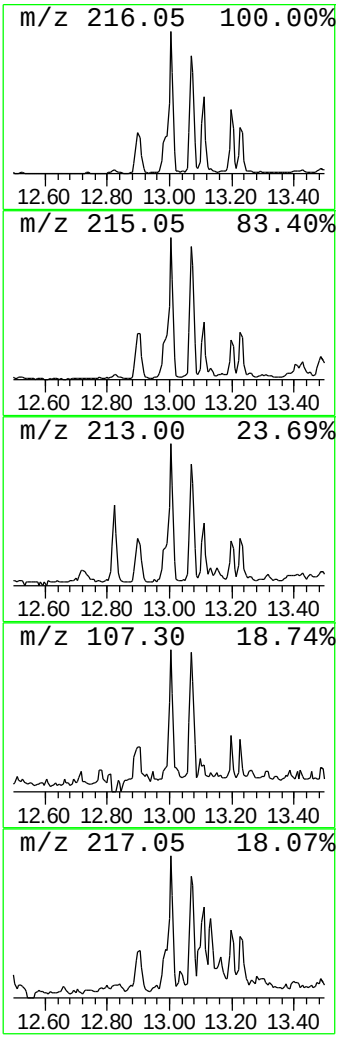
****

Peak Number 11 Fluoranthene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	6.31 ng	404188	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91





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Data File : BF121283.D
Acq On : 13 Aug 2020 21:41
Operator : JU/CG
Sample : L3508-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 2

Instrument : BNA_F
ClientSampleId : TR-05-081120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.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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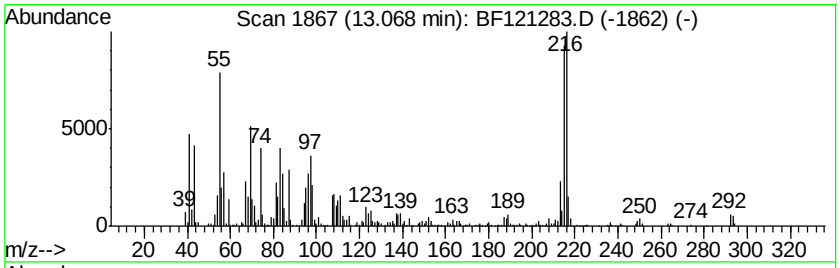
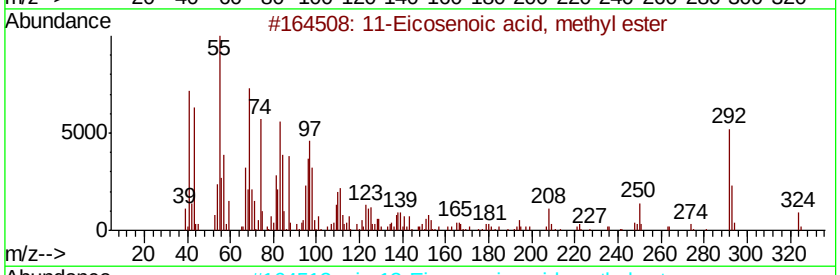
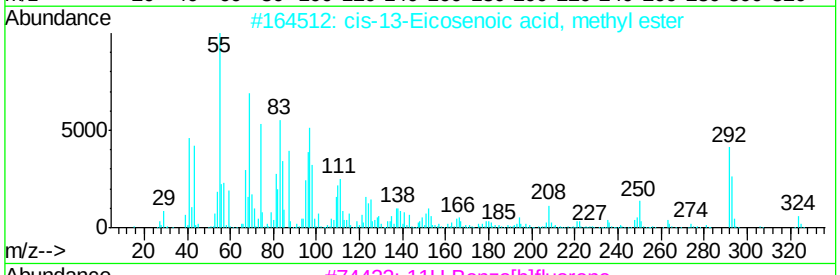
Peak Number 12 11-Eicosenoic acid, methyl ... Concentration Rank 4

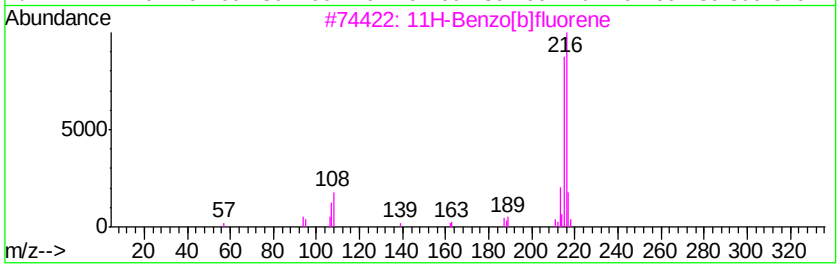
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	12.45 ng	797304	Chrysene-d12	13.87

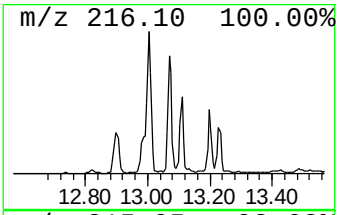
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	97
2	cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-52-1	97
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	56

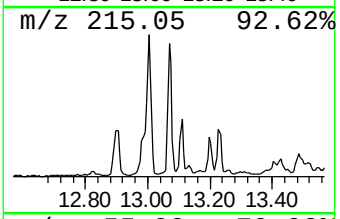


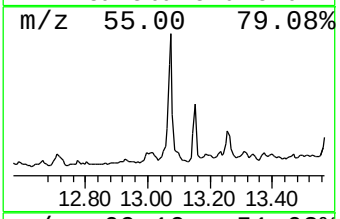


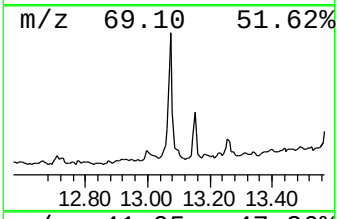


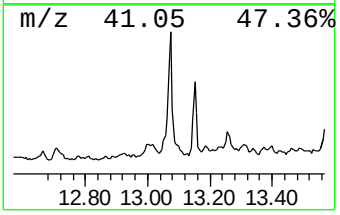












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Data File : BF121283.D
Acq On : 13 Aug 2020 21:41
Operator : JU/CG
Sample : L3508-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 2

Instrument : BNA_F
ClientSampleId : TR-05-081120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

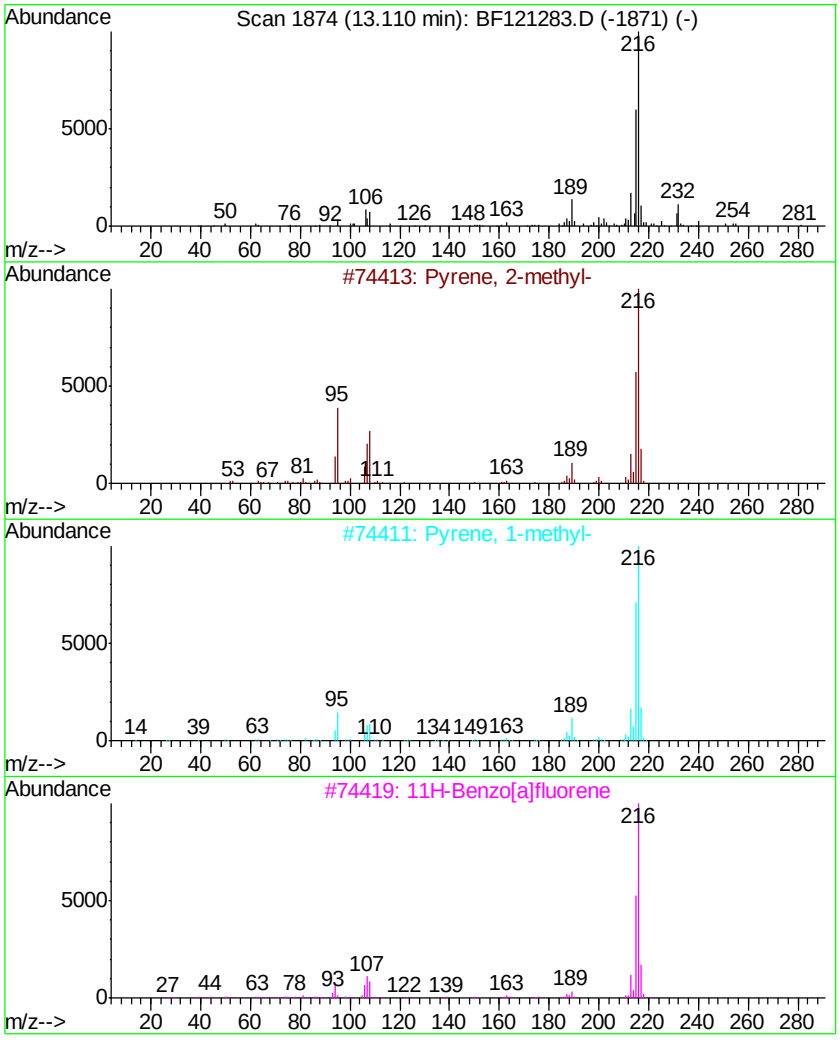
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

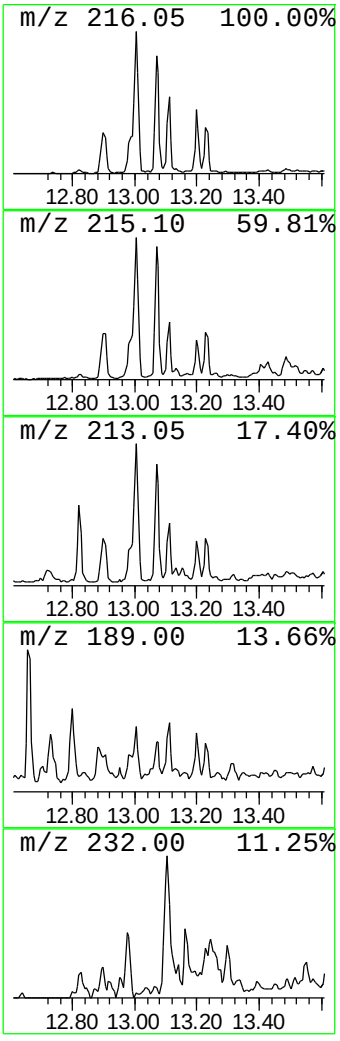
****

Peak Number 13 Pyrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	2.32 ng	148623	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	86
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	72





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Operator : JU/CG
Sample : L3508-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 2

Instrument : BNA_F
ClientSampleId : TR-05-081120

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

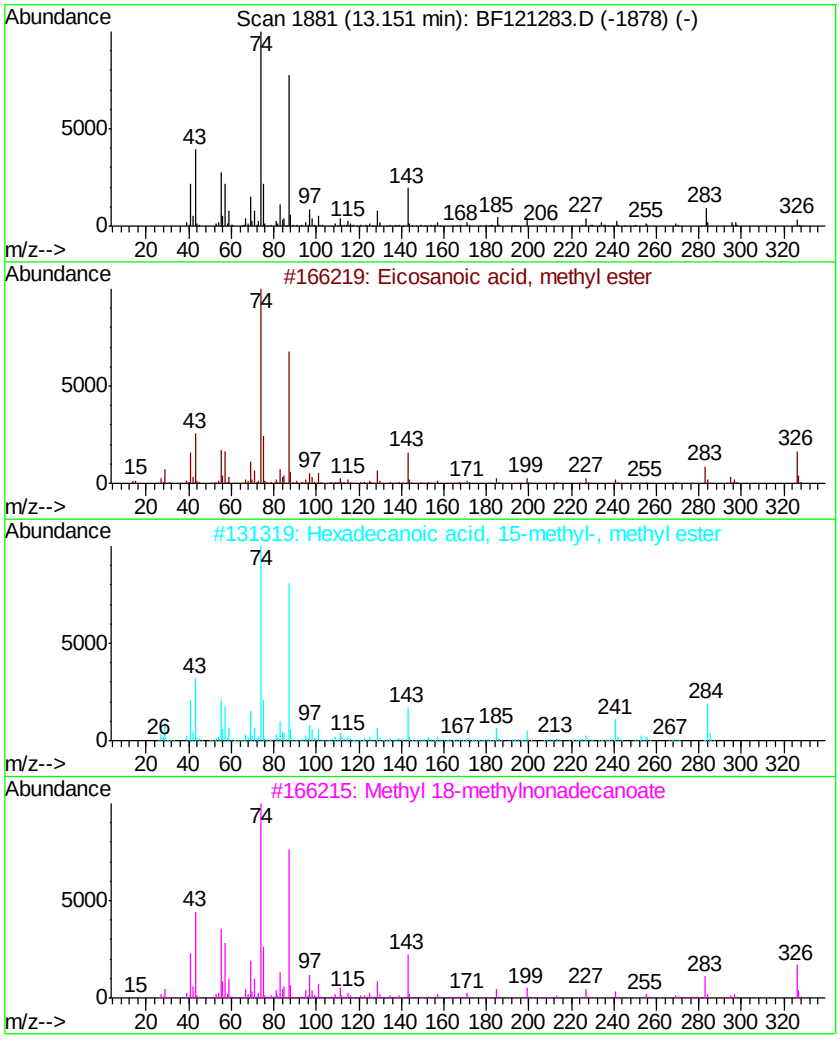
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

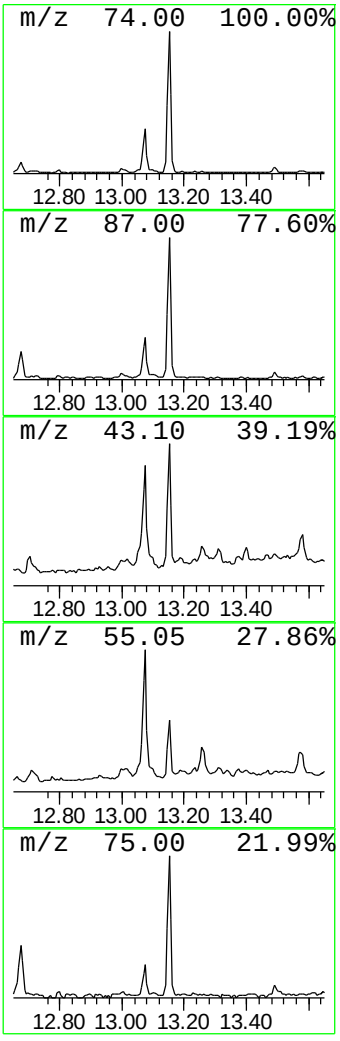
****

Peak Number 14 Eicosanoic acid, methyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	5.87 ng	376197	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	98
2	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	96
3	Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	91
4	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	87
5	Methyl stearate	298	C19H38O2	000112-61-8	87





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Data File : BF121283.D
Acq On : 13 Aug 2020 21:41
Operator : JU/CG
Sample : L3508-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 2

Instrument : BNA_F
ClientSampleId : TR-05-081120

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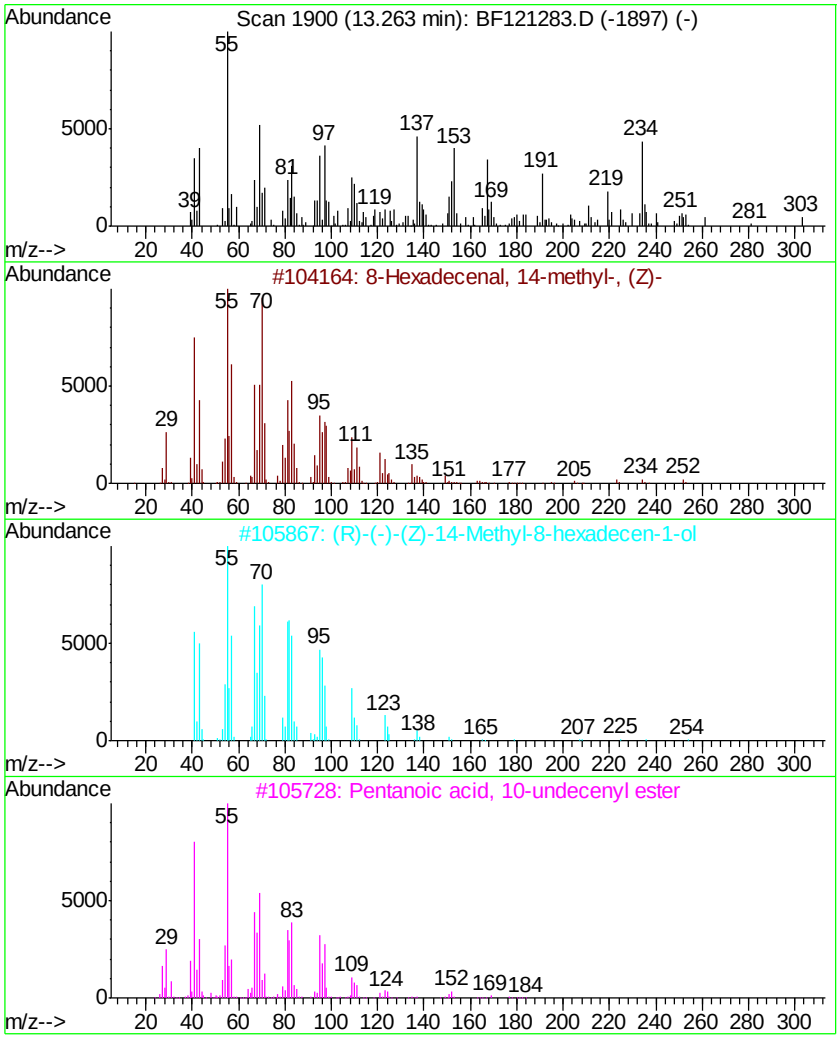
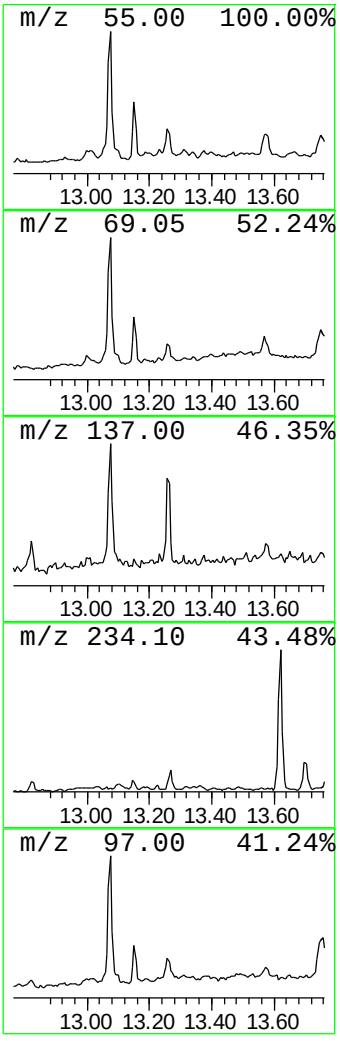
Peak Number 15 unknown13.26 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	2.44 ng	156328	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Hexadecenal, 14-methyl-, (Z)-	252	C17H32O	060609-53-2	35
2	(R)-(-)-(Z)-14-Methyl-8-hexadece...	254	C17H34O	030689-78-2	17
3	Pentanoic acid, 10-undecenyl ester	254	C16H30O2	1000159-93-4	12
4	1,11-Dibromoundecane	312	C11H22Br2	016696-65-4	12
5	2-Methyl-1,5-heptadiene (c,t)	110	C8H14	006766-54-7	10





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Operator : JU/CG
Sample : L3508-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 2

Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST11.L
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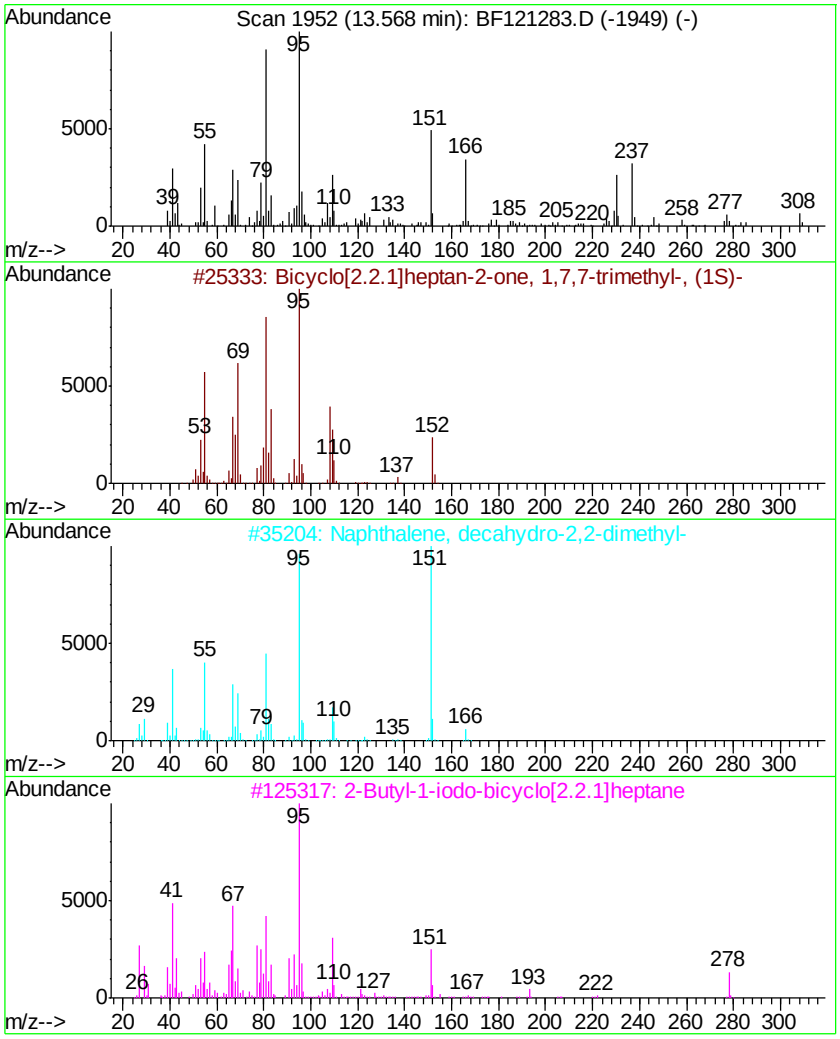
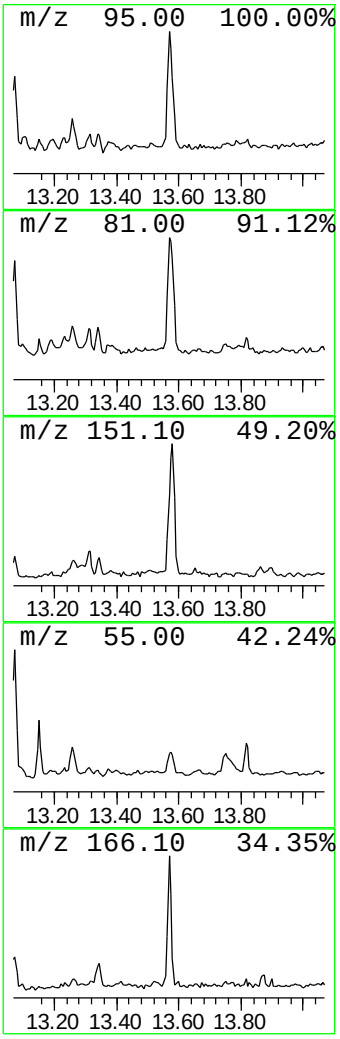
****

Peak Number 16 unknown13.57 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	4.04 ng	258577	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	46
2	Naphthalene, decahydro-2,2-dimet...	166	C12H22	031124-85-3	38
3	2-Butyl-1-iodo-bicyclo[2.2.1]hep...	278	C11H19I	1000190-59-7	30
4	Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	005256-65-5	20
5	Butane-1,3-dione, 1-(pyrrol-2-yl)-	151	C8H9NO2	022441-25-4	18





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Misc :
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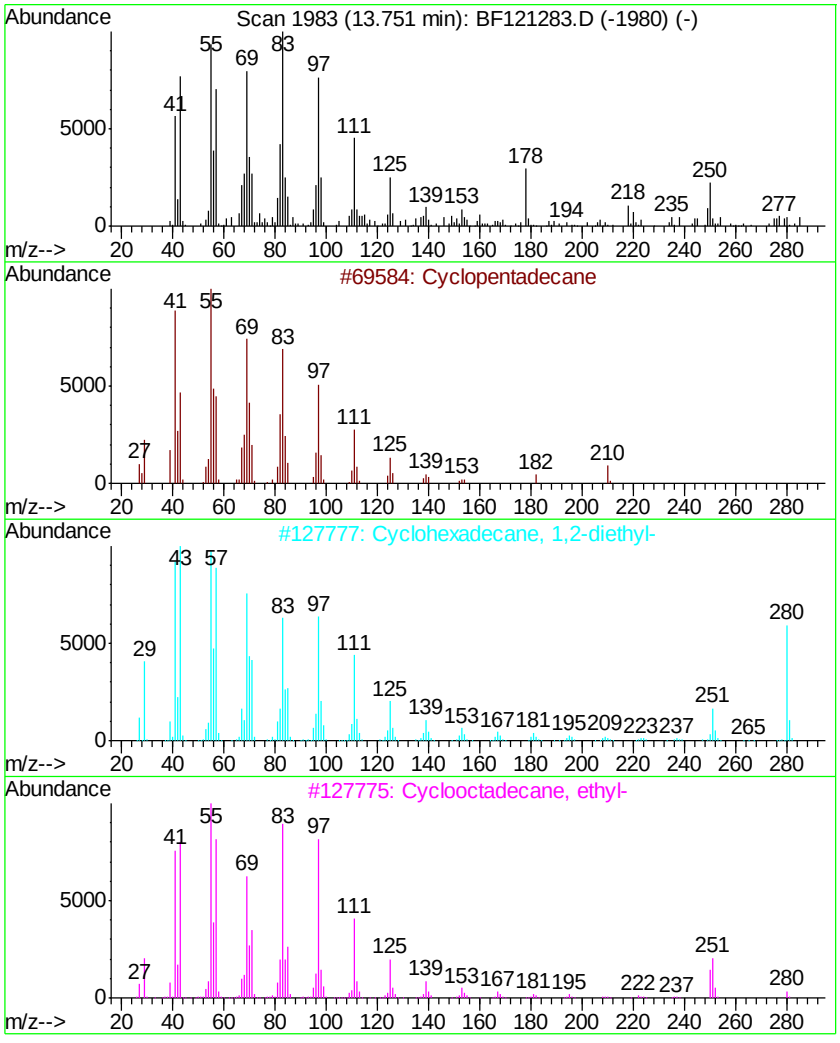
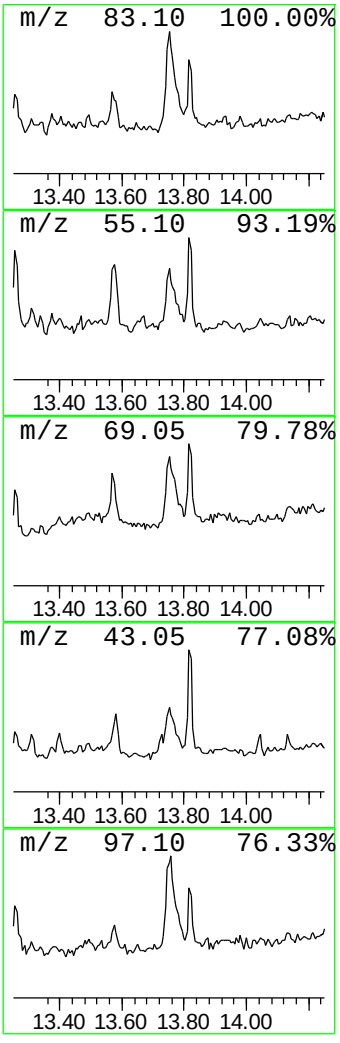
****

Peak Number 17 Cyclopentadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	2.57 ng	164354	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	97
2	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	68
3	Cyclooctadecane, ethyl-	280	C20H40	1000151-22-5	64
4	9-Nonadecene	266	C19H38	031035-07-1	60
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	58





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

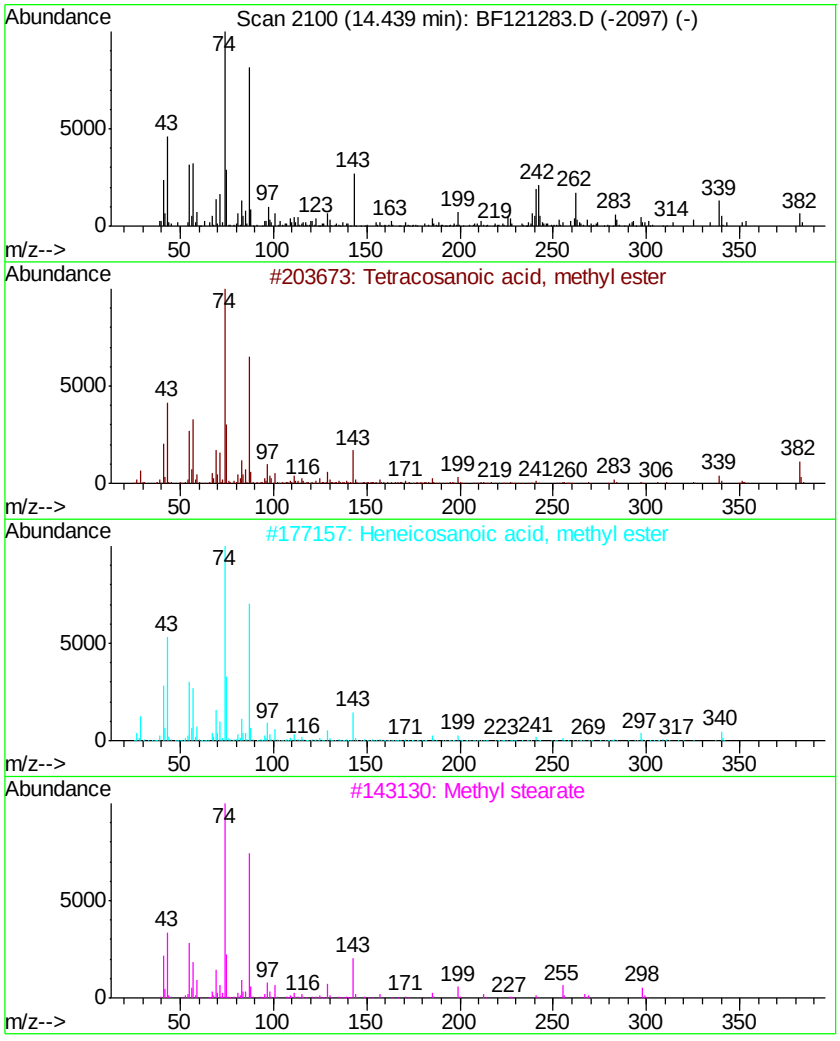
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

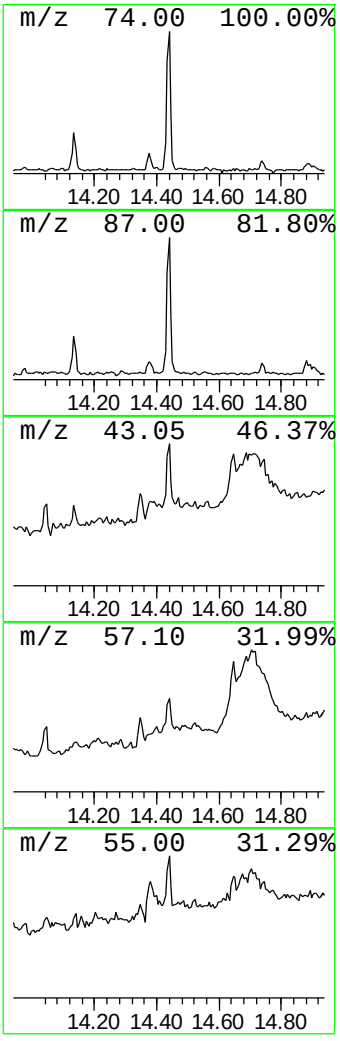
****

Peak Number 18 Tetracosanoic acid, methyl ... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	2.28 ng	146012	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosanoic acid, methyl ester	382	C25H50O2	002442-49-1	95
2	Heneicosanoic acid, methyl ester	340	C22H44O2	006064-90-0	93
3	Methyl stearate	298	C19H38O2	000112-61-8	89
4	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	86
5	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	68





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Instrument : BNA_F
ClientSampleId : TR-05-081120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

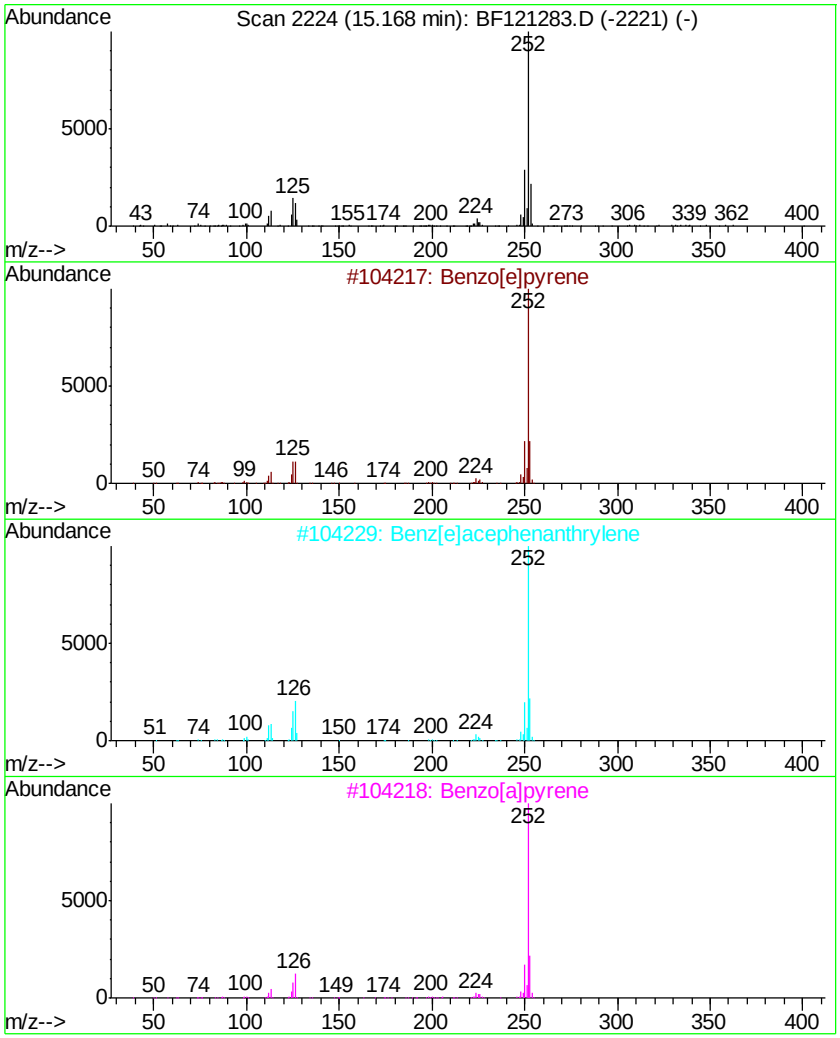
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

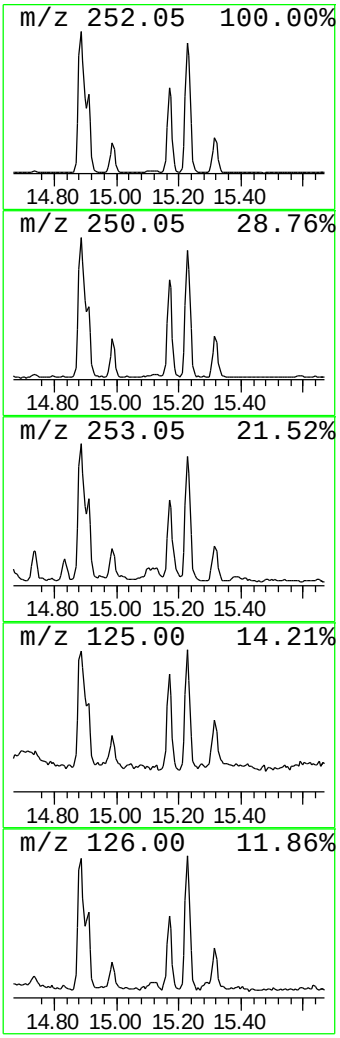
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	6.92 ng	272618	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081320\
Data File : BF121283.D
Acq On : 13 Aug 2020 21:41
Operator : JU/CG
Sample : L3508-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 2

Instrument : BNA_F
ClientSampleId : TR-05-081120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.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
Naphthalene, 2,6-...	9.35	2.1	ng	102681	3	9.75	967102	20.0
1,4-di-iso-propyl...	11.46	4.5	ng	224919	4	11.23	997406	20.0
9-Hexadecenoic ac...	11.56	3.8	ng	189619	4	11.23	997406	20.0
Hexadecanoic acid...	11.64	72.4	ng	3611360	4	11.23	997406	20.0
4H-Cyclopenta[def...	11.85	3.9	ng	194568	4	11.23	997406	20.0
Cyclopentadecanon...	11.96	2.7	ng	134199	4	11.23	997406	20.0
Heptadecanoic aci...	12.04	2.3	ng	115989	4	11.23	997406	20.0
10,13-Octadecadie...	12.33	123.3	ng	6150990	4	11.23	997406	20.0
13-Octadecenoic a...	12.35	22.4	ng	1117470	4	11.23	997406	20.0
Fluoranthene, 2-m...	13.00	6.3	ng	404188	5	13.87	1281170	20.0
11-Eicosenoic aci...	13.07	12.4	ng	797304	5	13.87	1281170	20.0
Pyrene, 2-methyl-	13.11	2.3	ng	148623	5	13.87	1281170	20.0
Eicosanoic acid, ...	13.15	5.9	ng	376197	5	13.87	1281170	20.0
unknown13.26	13.26	2.4	ng	156328	5	13.87	1281170	20.0
unknown13.57	13.57	4.0	ng	258577	5	13.87	1281170	20.0
Cyclopentadecane	13.75	2.6	ng	164354	5	13.87	1281170	20.0
Tetracosanoic aci...	14.44	2.3	ng	146012	5	13.87	1281170	20.0
Benzo[e]pyrene	15.17	6.9	ng	272618	6	15.29	787558	20.0