LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110268.D
Acq On : 29 Oct 2018 18:10
Operator : JU/SJ
Sample : J5696-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DL-SED-02

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-BF102318.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	2.322	34	40	48	rVB	419271	541920	18.71%	1.607%
2	5.216	528	532	541	rVB	97330	135780	4.69%	0.403%
3	5.592	591	596	600	rBV	2494512	2609770	90.12%	7.741%
4	6.592	761	766	780	rVB	2460255	2896032	100.00%	8.590%
5	6.739	786	791	794	rBV	3025588	2796608	96.57%	8.295%
6	6.969	826	830	833	rBV	905287	760246	26.25%	2.255%
7	7.122	852	856	860	rBV	2113743	1966616	67.91%	5.833%
8	7.533	920	926	929	rBV	1786366	1746756	60.32%	5.181%
9	8.251	1044	1048	1051	rBV	1100971	969698	33.48%	2.876%
10	9.327	1226	1231	1234	rBV	2546702	2377294	82.09%	7.052%
11	9.716	1293	1297	1304	rVB	474749	403461	13.93%	1.197%
12	10.010	1343	1347	1351	rBV2	1123767	1018945	35.18%	3.022%
13	10.039	1351	1352	1358	rVB	70258	58773	2.03%	0.174%
14	10.216	1380	1382	1385	rVB	38714	32121	1.11%	0.095%
15	10.416	1410	1416	1421	rBV3	34227	52319	1.81%	0.155%
16	10.563	1437	1441	1445	rVB	61316	62854	2.17%	0.186%
17	10.804	1478	1482	1491	rBV	1488019	1407859	48.61%	4.176%
18	10.969	1507	1510	1512	rBV	71677	55241	1.91%	0.164%
19	11.004	1512	1516	1519	rVV2	69153	88112	3.04%	0.261%
20	11.039	1519	1522	1524	rVV	64156	61529	2.12%	0.183%
21	11.104	1528	1533	1537	rVV3	38588	74512	2.57%	0.221%
22	11.151	1537	1541	1544	rVV4	61159	80674	2.79%	0.239%
23	11.186	1544	1547	1550	rVV	75424	67367	2.33%	0.200%
24	11.227	1552	1554	1557	rVB3	41500	37460	1.29%	0.111%
25	11.310	1564	1568	1571	rBV	34065	33828	1.17%	0.100%
26	11.345	1571	1574	1577	rVV2	36571	38232	1.32%	0.113%
27	11.398	1581	1583	1587	rVB	41007	38245	1.32%	0.113%
28	11.504	1597	1601	1603	rBV	1050971	893225	30.84%	2.650%
29	11.527	1603	1605	1609	rVB	777483	609664	21.05%	1.808%
30	11.580	1609	1614	1617	rBV	149778	127577	4.41%	0.378%
31	11.733	1636	1640	1644	rVB	68714	69250	2.39%	0.205%
32	12.016	1683	1688	1690	rBV2	524177	567226	19.59%	1.683%
33	12.080	1697	1699	1702	rVB	42295	36142	1.25%	0.107%
34	12.121	1702	1706	1708	rBV2	127951	144101	4.98%	0.427%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110268.D
Acq On : 29 Oct 2018 18:10
Operator : JU/SJ
Sample : J5696-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DL-SED-02

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-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.139	1708	1709	1713	rVB	78507	60743	2.10%	0.180%
36	12.180	1714	1716	1719	rBV2	31437	29735	1.03%	0.088%
37	12.245	1724	1727	1732	rVB4	33759	38419	1.33%	0.114%
38	12.298	1733	1736	1739	rVV	62325	54300	1.87%	0.161%
39	12.327	1739	1741	1744	rVV	81576	79730	2.75%	0.236%
40	12.357	1744	1746	1748	rVB2	40938	33073	1.14%	0.098%
41	12.551	1777	1779	1784	rBV2	37125	57562	1.99%	0.171%
42	12.645	1792	1795	1798	rBV	45466	52589	1.82%	0.156%
43	12.721	1804	1808	1812	rBV	1094775	938273	32.40%	2.783%
44	12.804	1817	1822	1827	rBV	558947	620391	21.42%	1.840%
45	12.951	1841	1847	1853	rBV	789154	970225	33.50%	2.878%
46	12.998	1853	1855	1861	rVB2	54123	58201	2.01%	0.173%
47	13.086	1866	1870	1873	rBV	1571474	1373589	47.43%	4.074%
48	13.168	1879	1884	1888	rBV3	60738	109348	3.78%	0.324%
49	13.280	1896	1903	1905	rBV	122510	172275	5.95%	0.511%
50	13.345	1911	1914	1917	rBV	71725	57348	1.98%	0.170%
51	13.386	1917	1921	1923	rBV2	67321	77593	2.68%	0.230%
52	13.480	1934	1937	1939	rBV	34996	35665	1.23%	0.106%
53	13.510	1939	1942	1948	rBV2	48869	83031	2.87%	0.246%
54	13.792	1987	1990	1997	rVB	157225	156128	5.39%	0.463%
55	13.904	2006	2009	2011	rBV2	62250	56816	1.96%	0.169%
56	13.927	2011	2013	2016	rBV	49314	34758	1.20%	0.103%
57	13.968	2016	2020	2023	rBV2	204415	240389	8.30%	0.713%
58	14.110	2041	2044	2046	rBV	72766	56283	1.94%	0.167%
59	14.151	2046	2051	2054	rVV2	836320	1100828	38.01%	3.265%
60	14.180	2054	2056	2064	rVB	427141	355370	12.27%	1.054%
61	14.262	2067	2070	2072	rBV2	77613	81382	2.81%	0.241%
62	14.286	2072	2074	2078	rVB2	95306	90797	3.14%	0.269%
63	14.592	2124	2126	2130	rVB	205026	193826	6.69%	0.575%
64	14.915	2177	2181	2185	rBV	327214	328809	11.35%	0.975%
65	15.227	2230	2234	2238	rBV	308207	484127	16.72%	1.436%
66	15.268	2238	2241	2246	rVB2	343470	492265	17.00%	1.460%
67	15.551	2286	2289	2296	rVB	201632	303344	10.47%	0.900%
68	15.621	2297	2301	2306	rBV	257477	345142	11.92%	1.024%
69	15.680	2306	2311	2316	rBV2	531879	877103	30.29%	2.602%
70	16.139	2384	2389	2394	rVB	201598	305606	10.55%	0.906%
71	16.674	2476	2480	2486	rVB	97505	177194	6.12%	0.526%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110268.D
Acq On : 29 Oct 2018 18:10
Operator : JU/SJ
Sample : J5696-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DL-SED-02

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-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	17.250	2574	2578	2584	rBV2	91666	174912	6.04%	0.519%
73	17.733	2657	2660	2665	rVB	64574	96251	3.32%	0.286%

Sum of corrected areas: 33712857

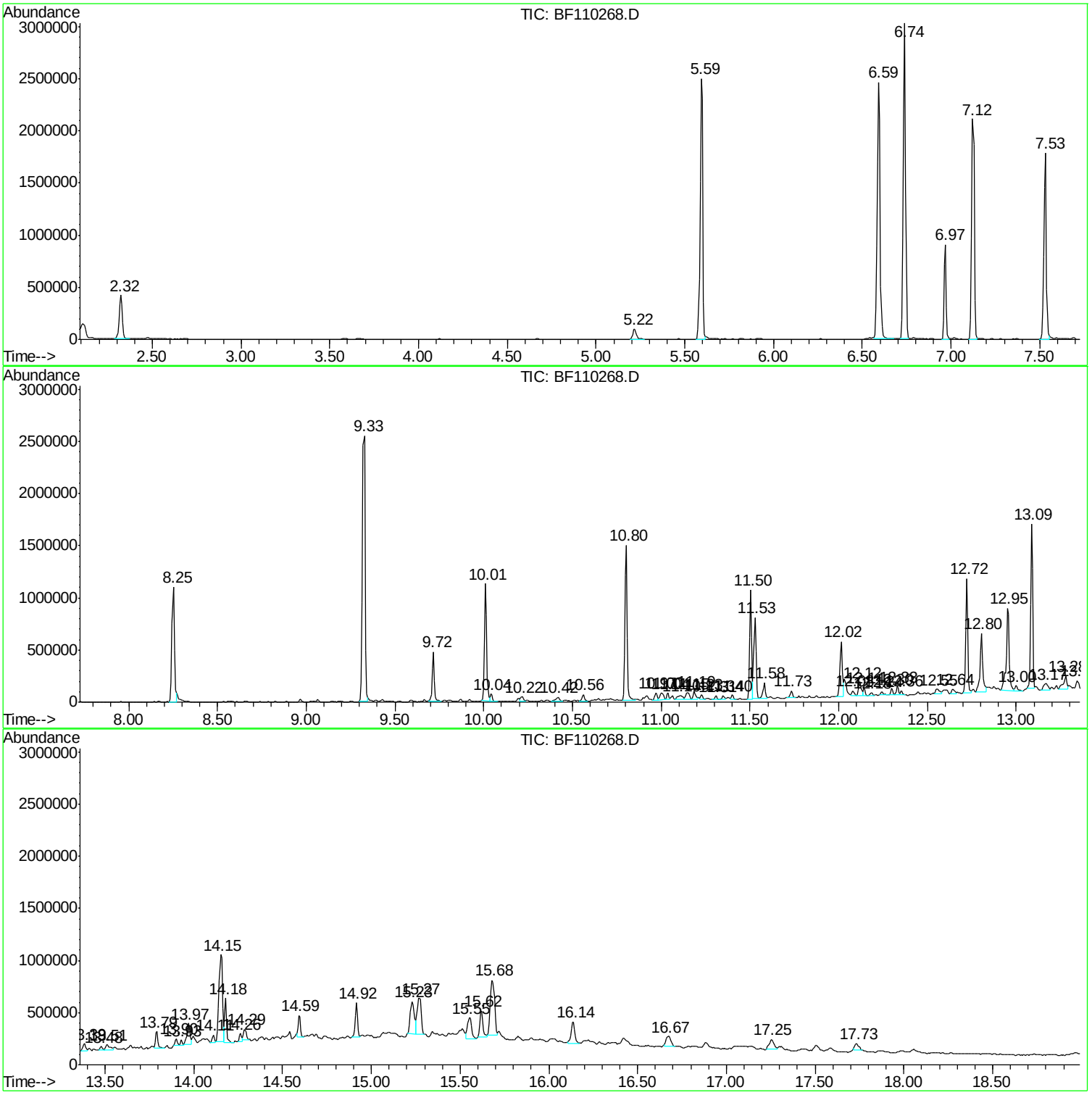
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110268.D
Acq On : 29 Oct 2018 18:10
Operator : JU/SJ
Sample : J5696-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DL-SED-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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\BF102918\
Data File : BF110268.D
Acq On : 29 Oct 2018 18:10
Operator : JU/SJ
Sample : J5696-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DL-SED-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

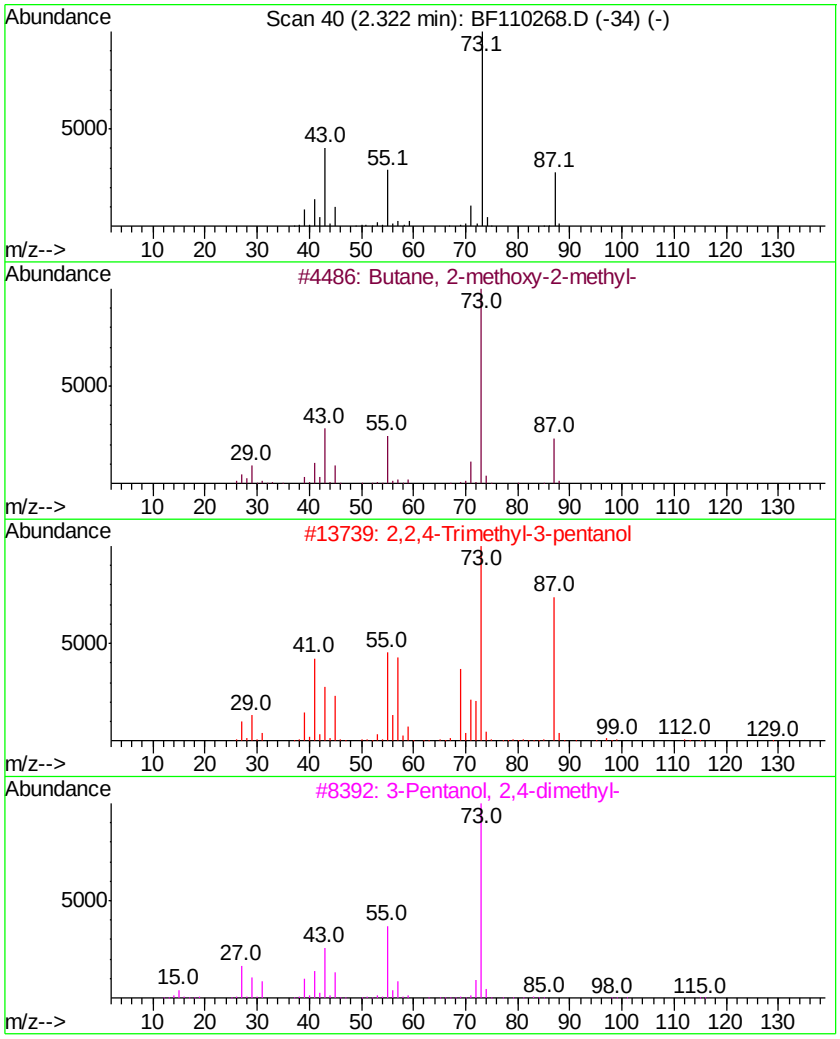
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

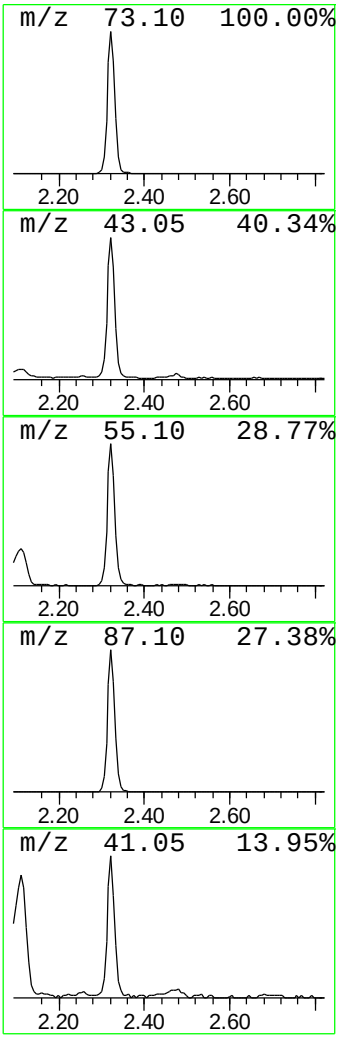
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.32	14.26 ng	541920	1,4-Dichlorobenzene-d4	6.97

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	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110268.D
Acq On : 29 Oct 2018 18:10
Operator : JU/SJ
Sample : J5696-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DL-SED-02

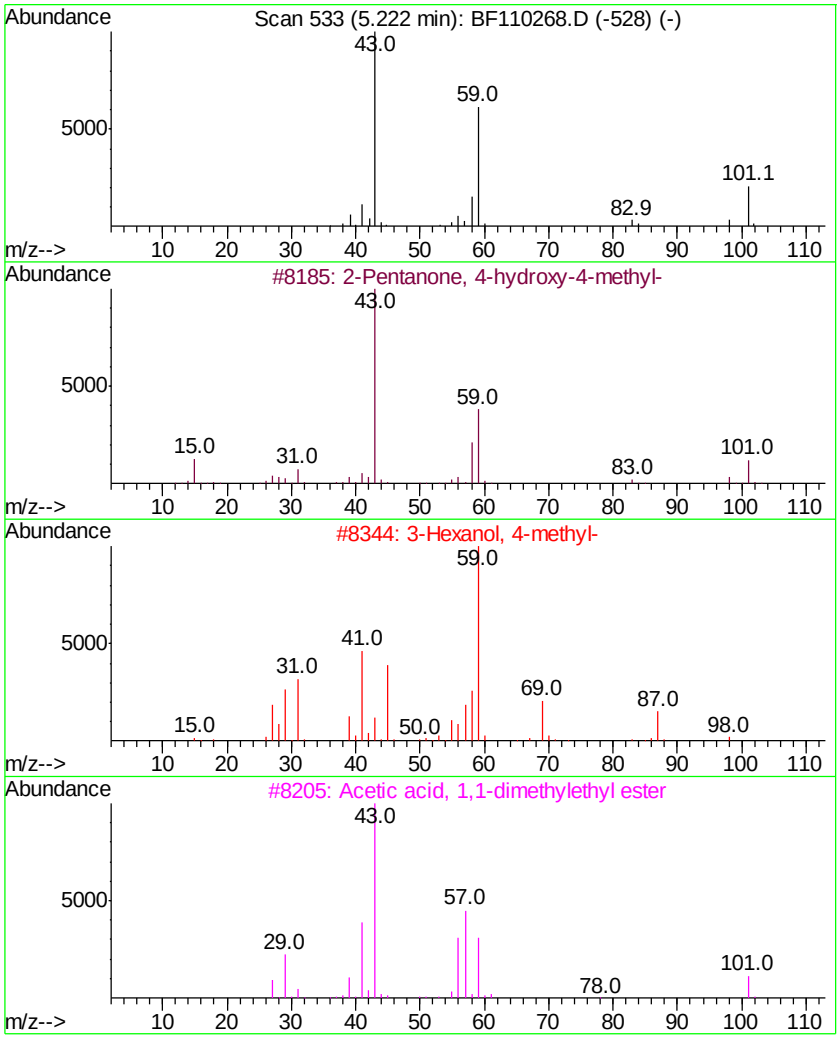
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

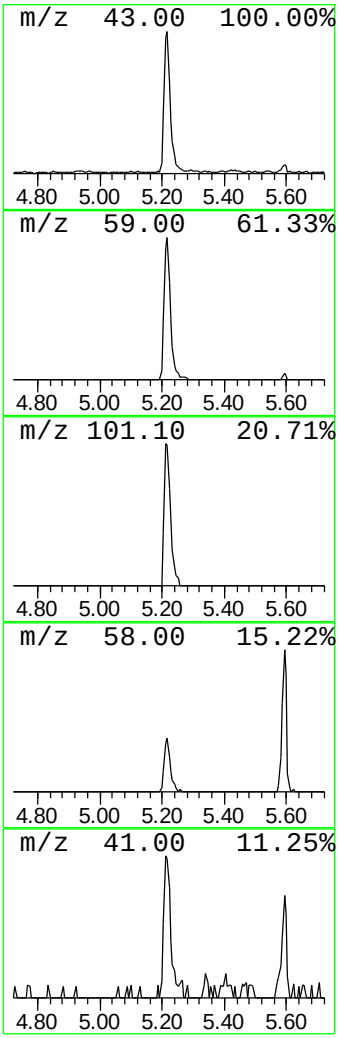
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	3.57 ng	135780	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110268.D
Acq On : 29 Oct 2018 18:10
Operator : JU/SJ
Sample : J5696-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DL-SED-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

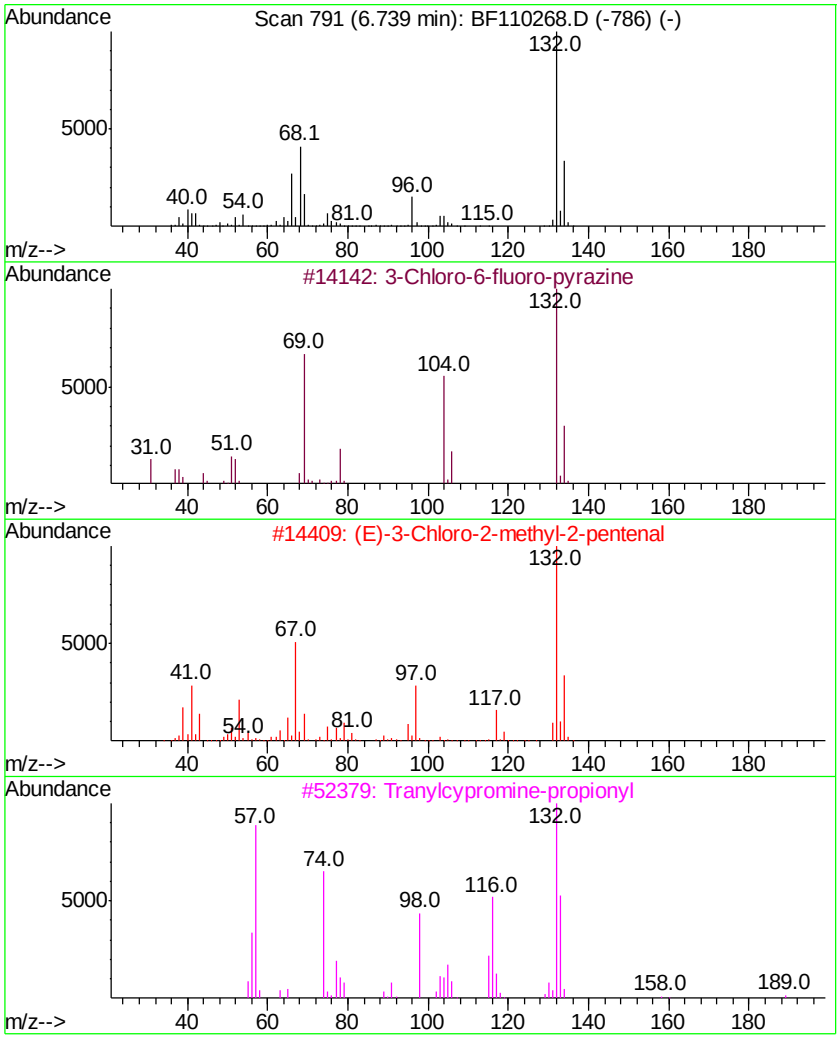
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

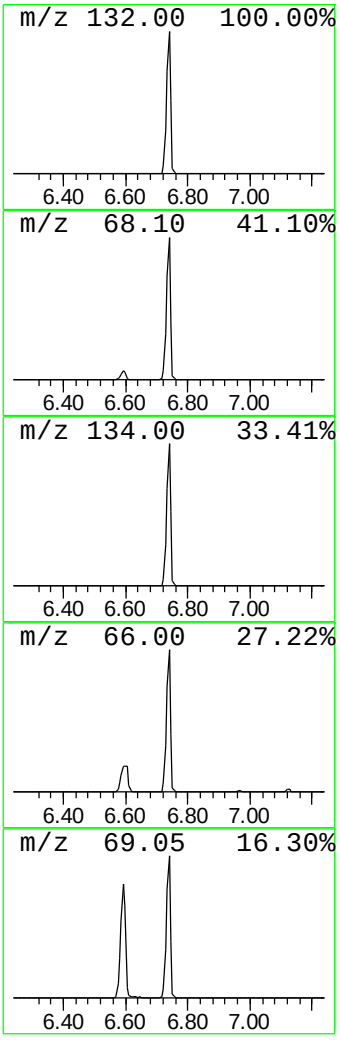
****

Peak Number 3 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	73.57 ng	2796610	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	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	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110268.D
Acq On : 29 Oct 2018 18:10
Operator : JU/SJ
Sample : J5696-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DL-SED-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

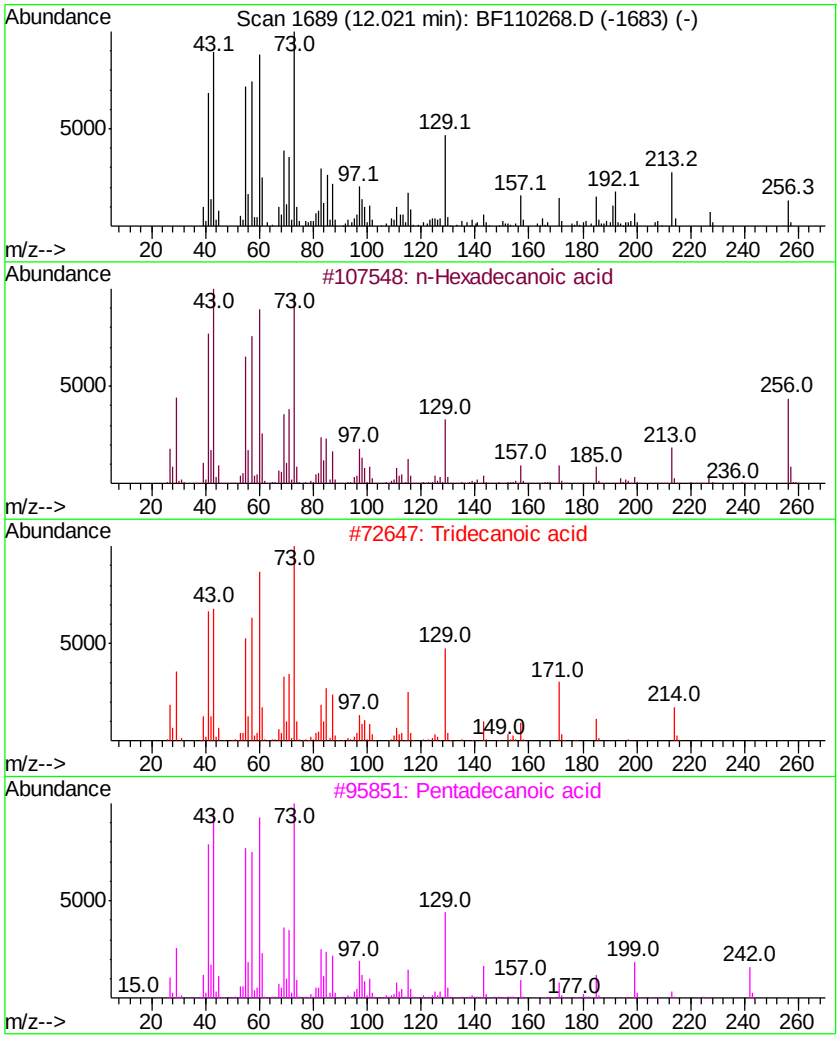
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

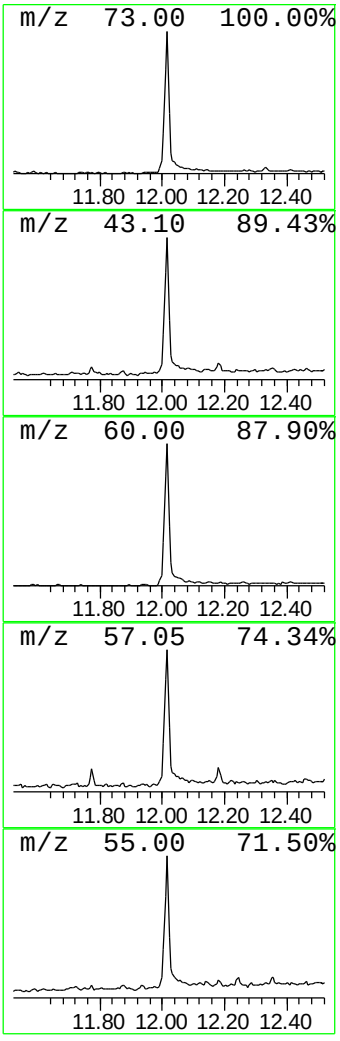
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	12.70 ng	567226	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	96
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Undecanoic acid	186	C11H22O2	000112-37-8	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110268.D
Acq On : 29 Oct 2018 18:10
Operator : JU/SJ
Sample : J5696-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DL-SED-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

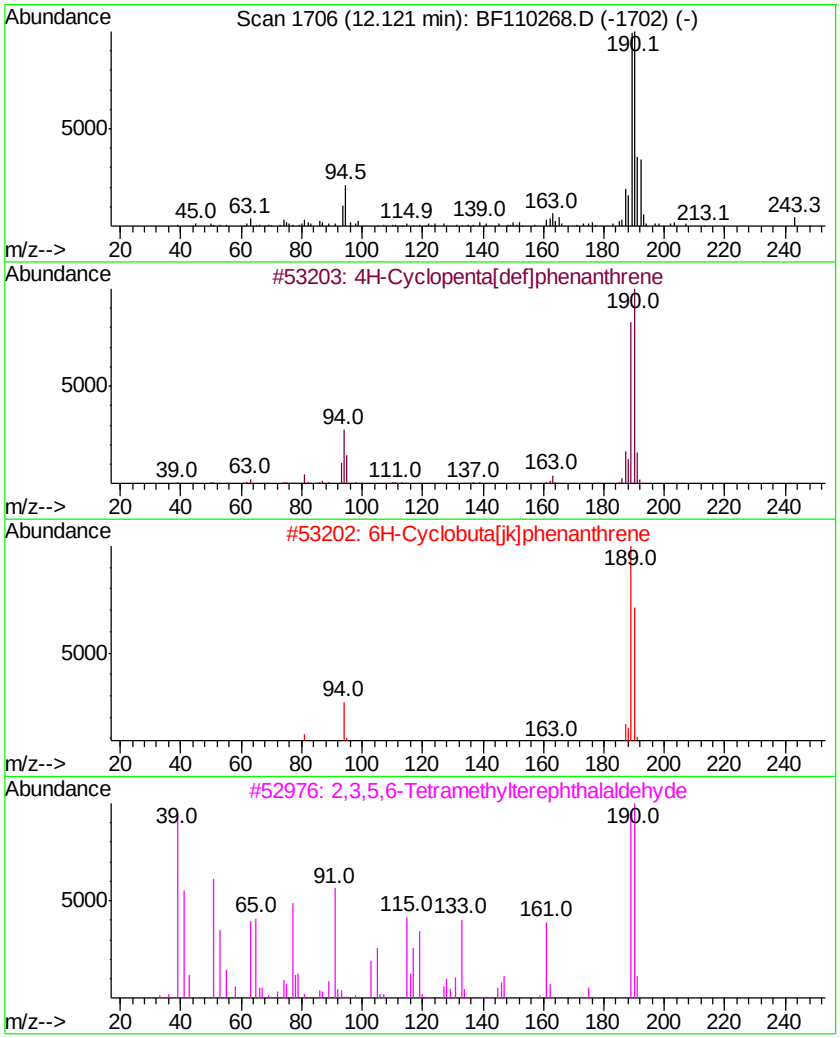
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

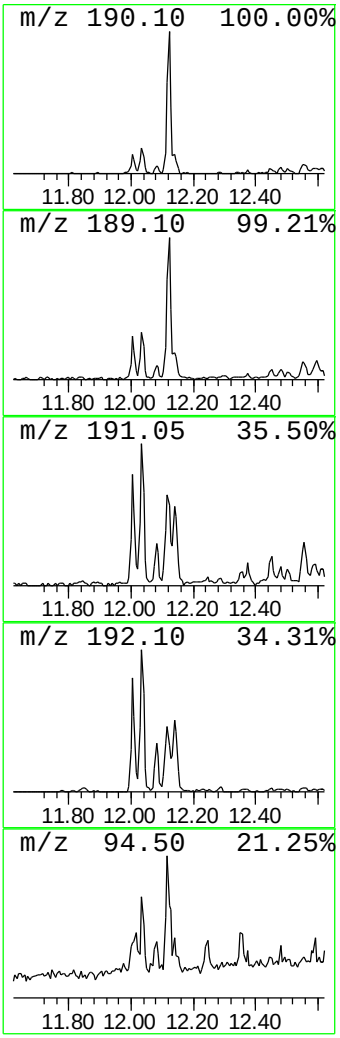
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	3.23 ng	144101	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	52
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5	4-(4-Methyl-piperidin-1-yl)-phen...	190	C12H18N2	342013-25-6	33





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110268.D
Acq On : 29 Oct 2018 18:10
Operator : JU/SJ
Sample : J5696-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DL-SED-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

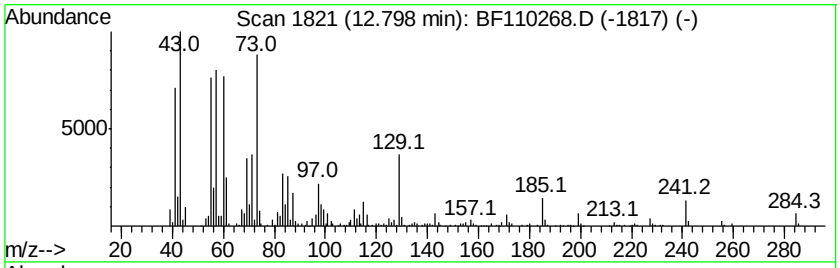
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

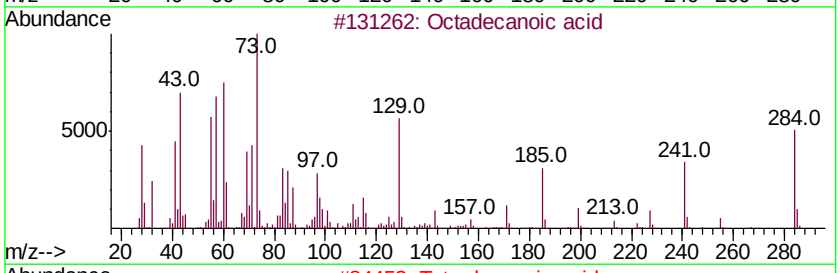
****

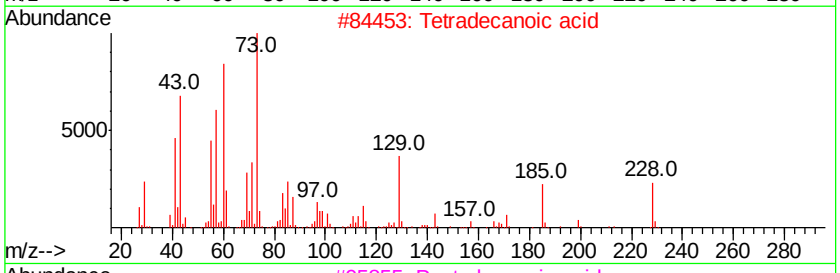
Peak Number 7 Octadecanoic acid Concentration Rank 4

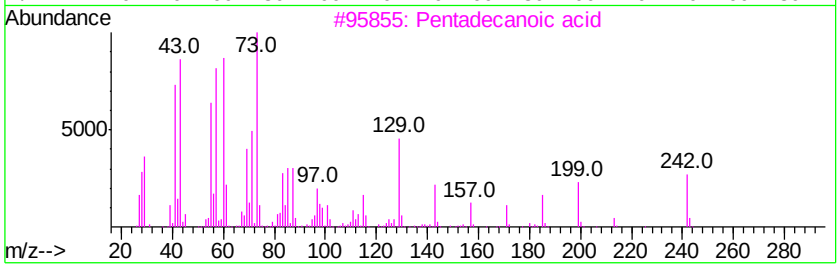
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	13.89 ng	620391	Phenanthrene-d10	11.50

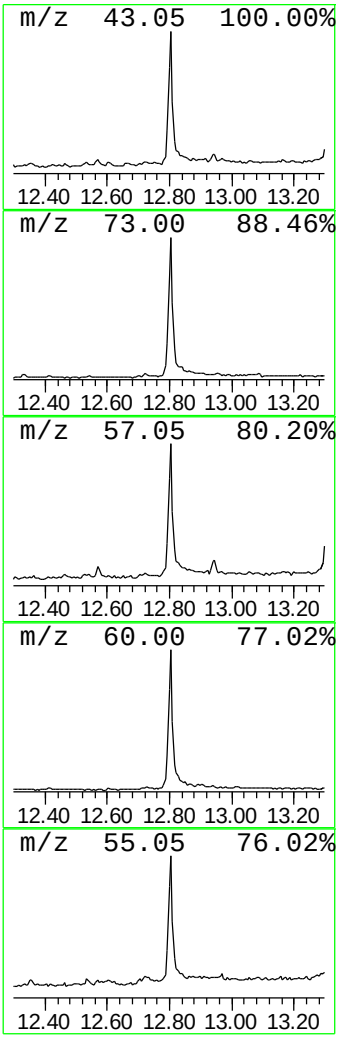
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76











Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110268.D
Acq On : 29 Oct 2018 18:10
Operator : JU/SJ
Sample : J5696-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DL-SED-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

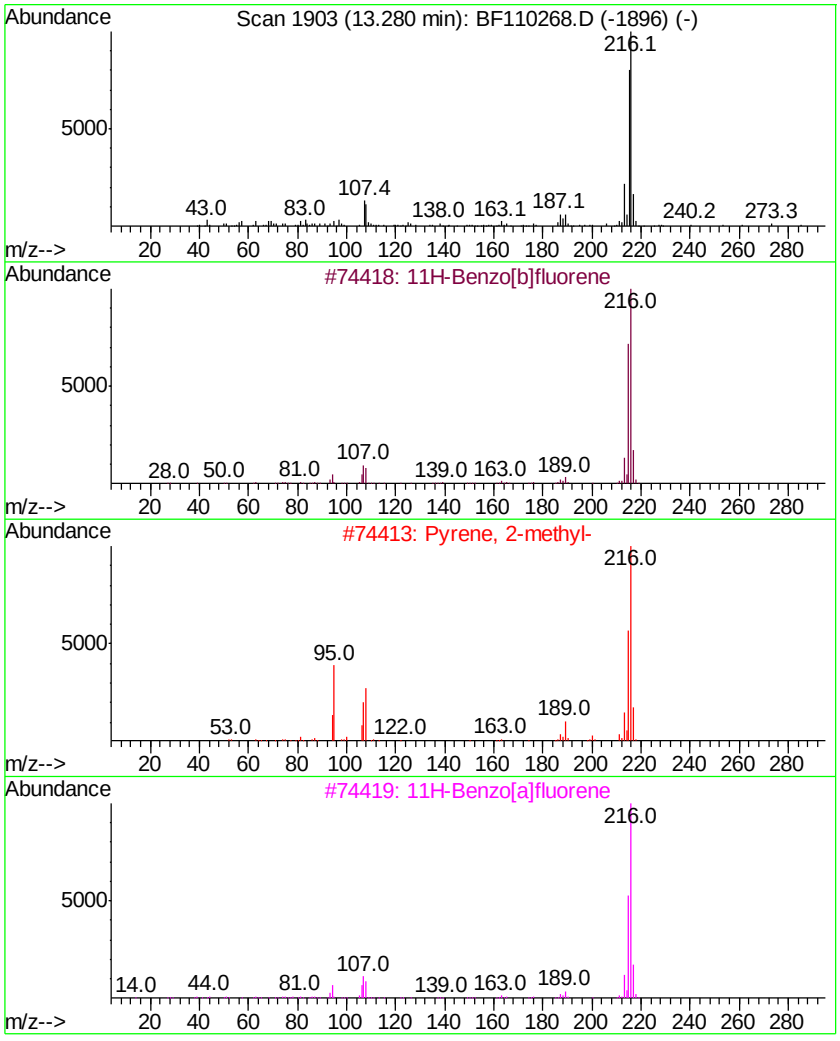
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

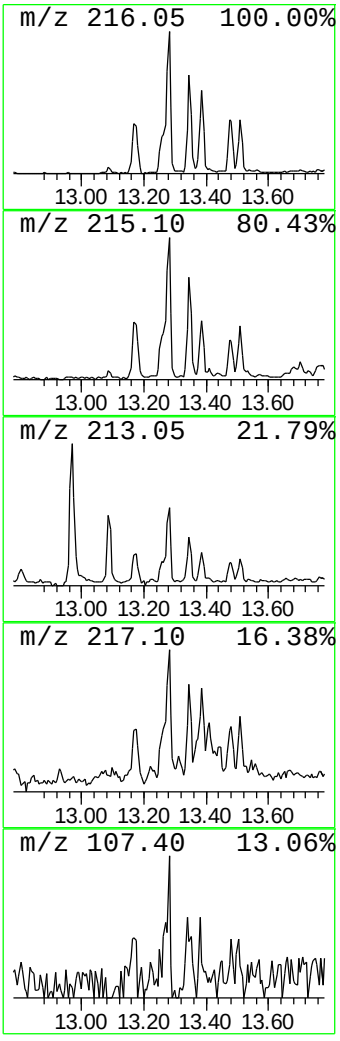
****

Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	3.13 ng	172275	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110268.D
Acq On : 29 Oct 2018 18:10
Operator : JU/SJ
Sample : J5696-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DL-SED-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

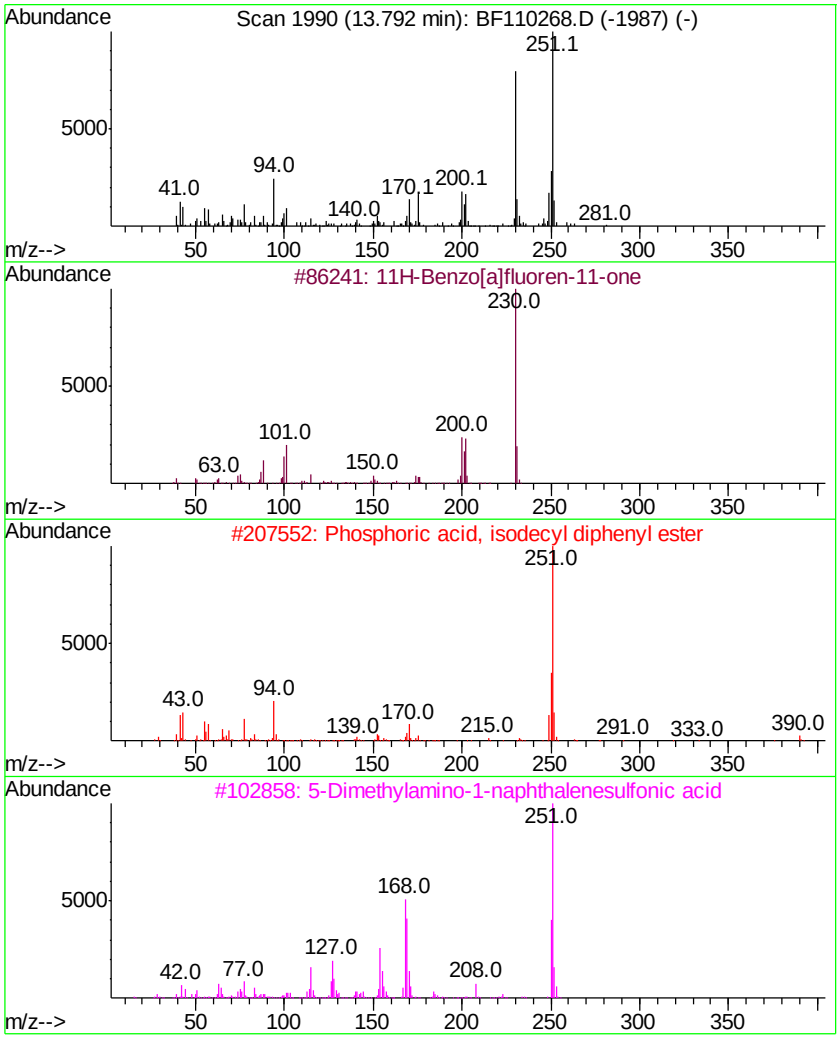
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

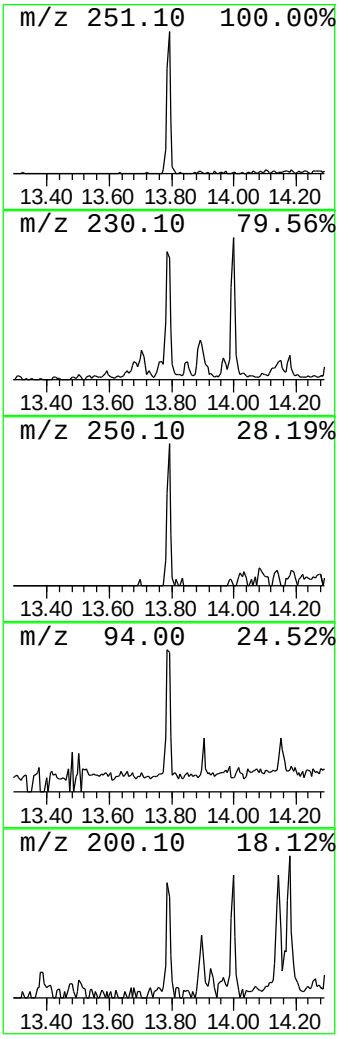
****

Peak Number 9 11H-Benzo[a]fluoren-11-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	2.84 ng	156128	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	74
2	Phosphoric acid, isodecyl diphen...	390	C22H31O4P	029761-21-5	47
3	5-Dimethylamino-1-naphthalenesul...	251	C12H13NO3S	004272-77-9	35
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	30
5	Phenol, 2-methoxy-6-[(2-pyridiny...	230	C13H14N2O2	1000319-49-9	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110268.D
Acq On : 29 Oct 2018 18:10
Operator : JU/SJ
Sample : J5696-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DL-SED-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

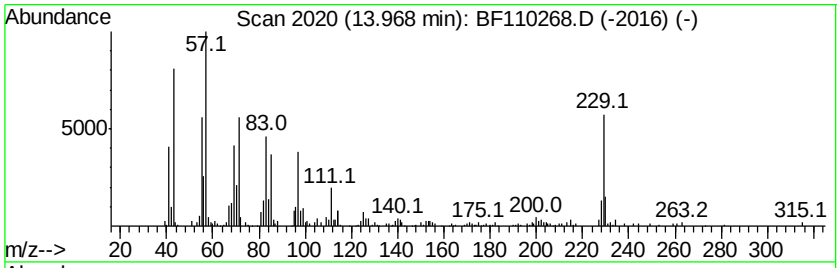
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

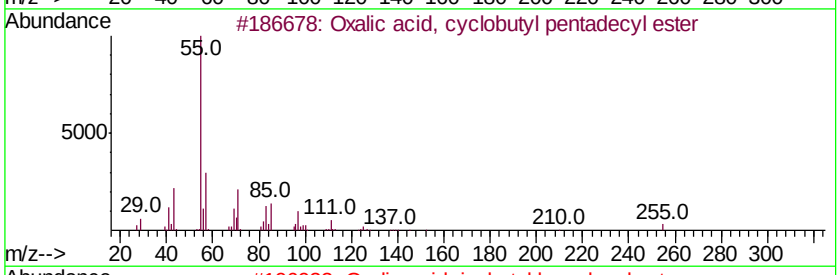
****

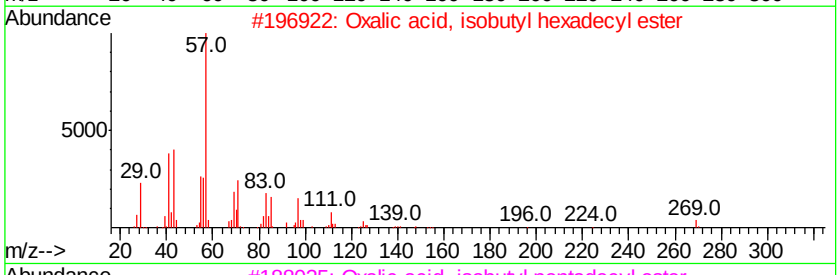
Peak Number 10 Oxalic acid, cyclobutyl pen... Concentration Rank 9

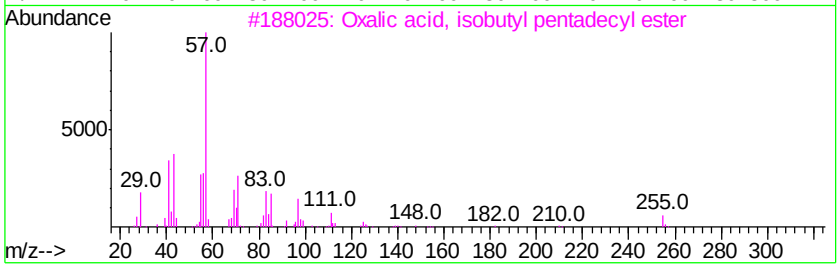
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	4.37 ng	240389	Chrysene-d12	14.16

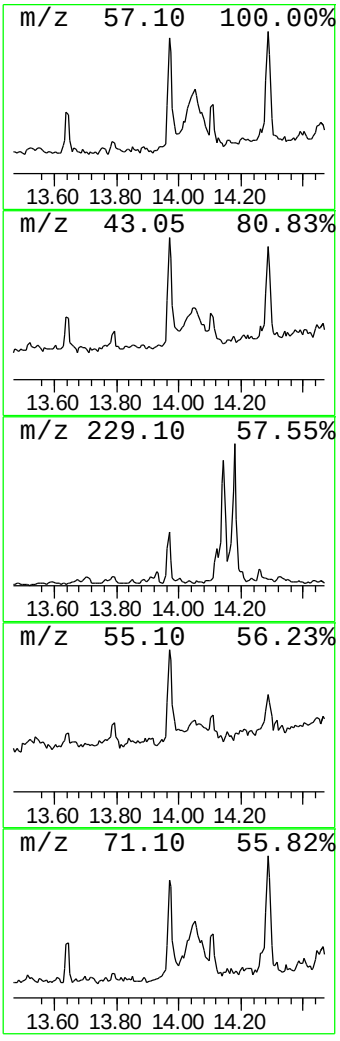
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1000309-70-5	70
2	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	62
3	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	62
4	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	62
5	Oxalic acid, cyclobutyl octadecy...	396	C24H44O4	1000309-70-8	62











Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110268.D
Acq On : 29 Oct 2018 18:10
Operator : JU/SJ
Sample : J5696-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DL-SED-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

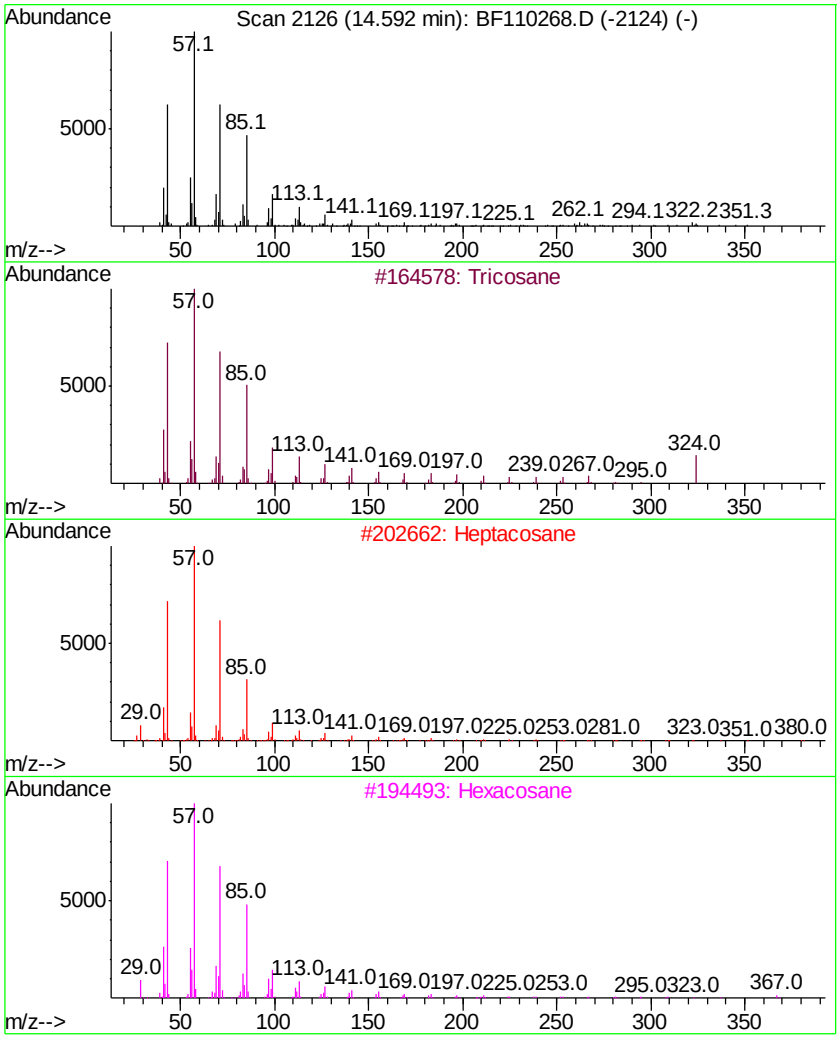
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

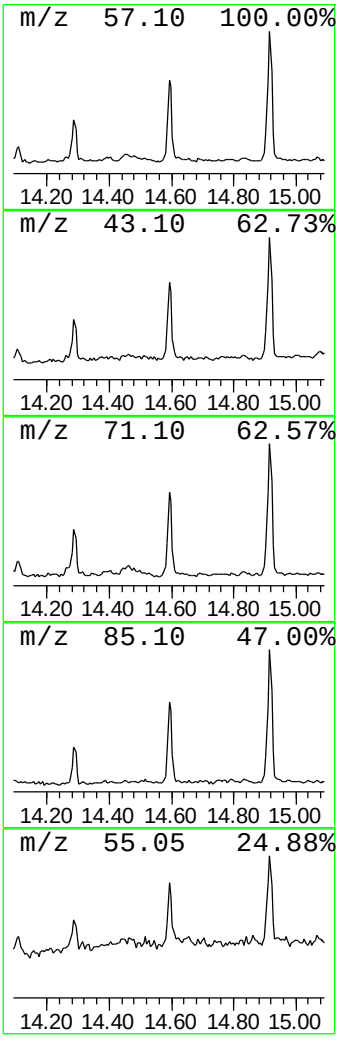
****

Peak Number 11 Tricosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	3.52 ng	193826	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	93
2	Heptacosane	380	C27H56	000593-49-7	90
3	Hexacosane	366	C26H54	000630-01-3	87
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87
5	Octadecane	254	C18H38	000593-45-3	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110268.D
Acq On : 29 Oct 2018 18:10
Operator : JU/SJ
Sample : J5696-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DL-SED-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

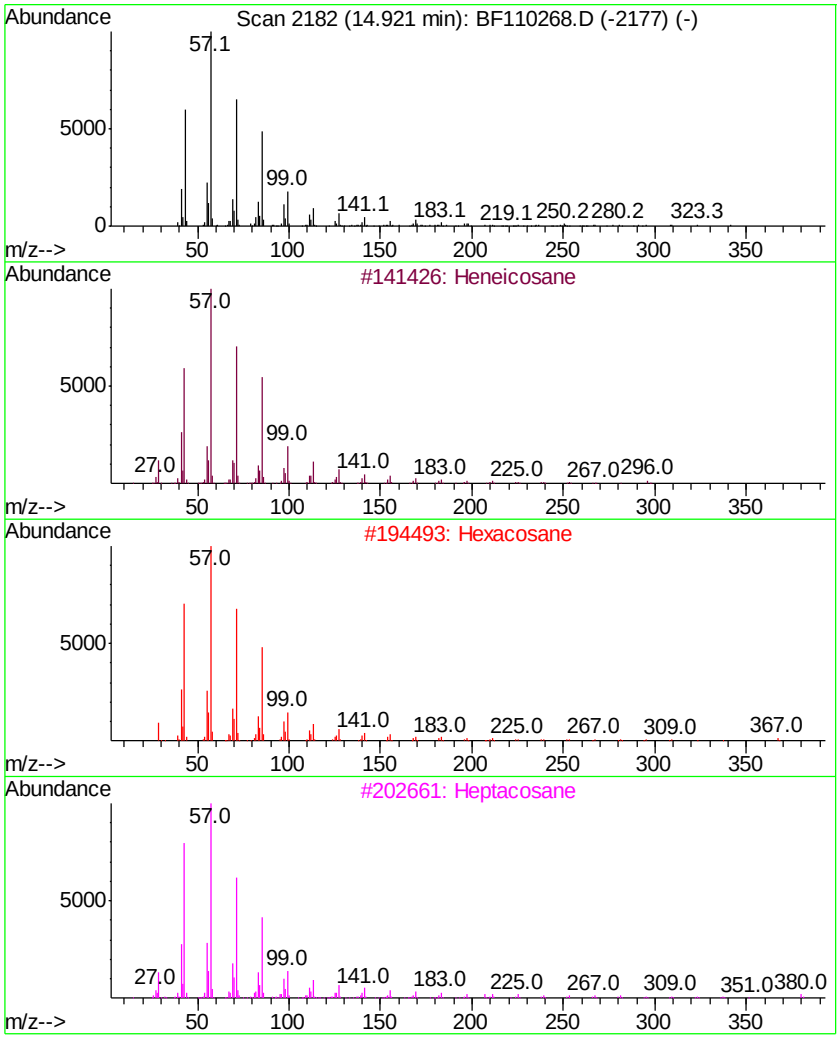
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

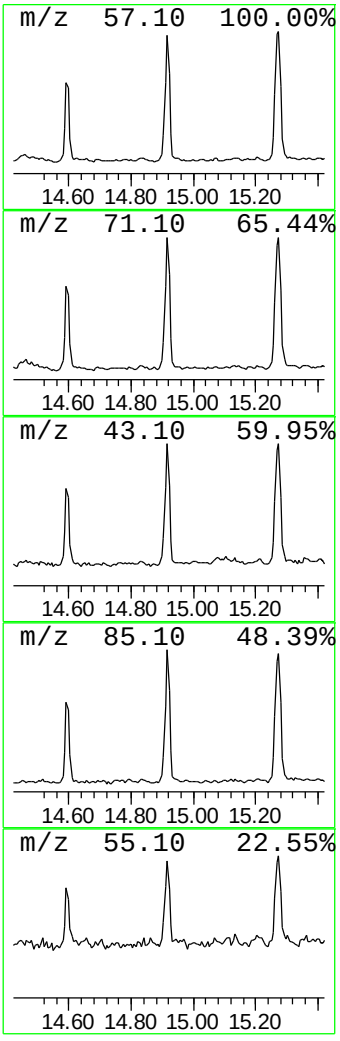
****

Peak Number 12 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	5.97 ng	328809	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heptacosane	380	C27H56	000593-49-7	90
4	Docosane	310	C22H46	000629-97-0	90
5	Octadecane	254	C18H38	000593-45-3	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110268.D
Acq On : 29 Oct 2018 18:10
Operator : JU/SJ
Sample : J5696-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DL-SED-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

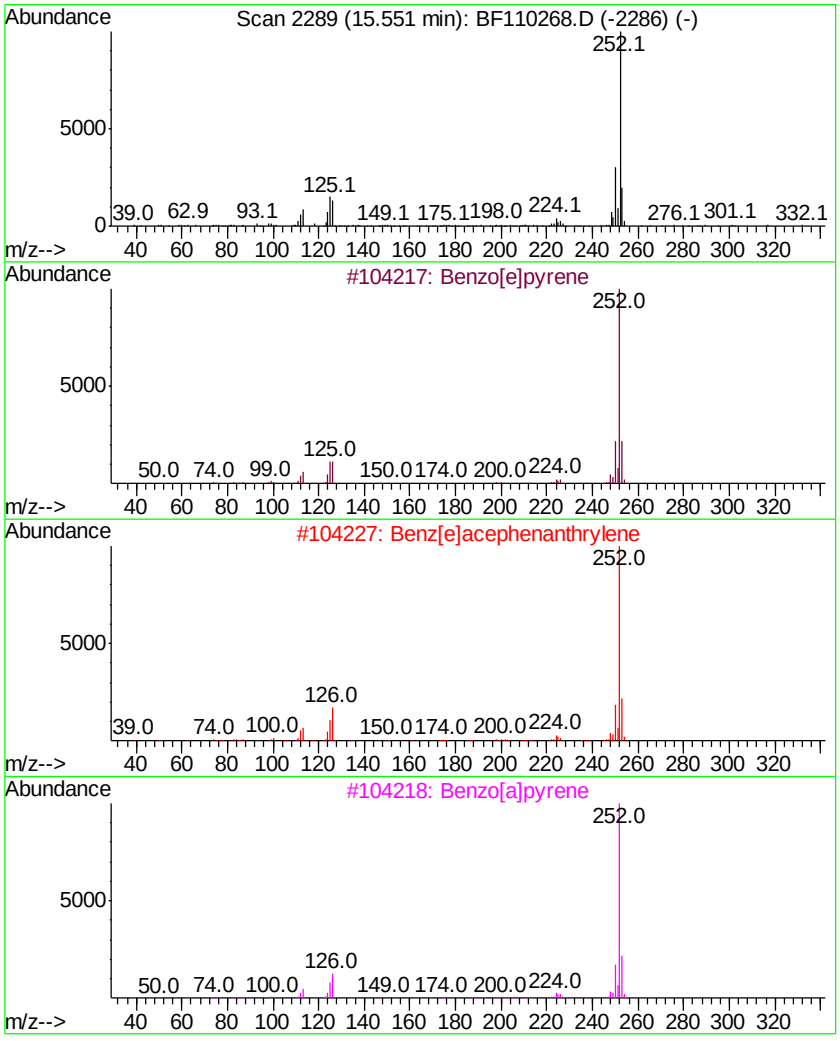
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

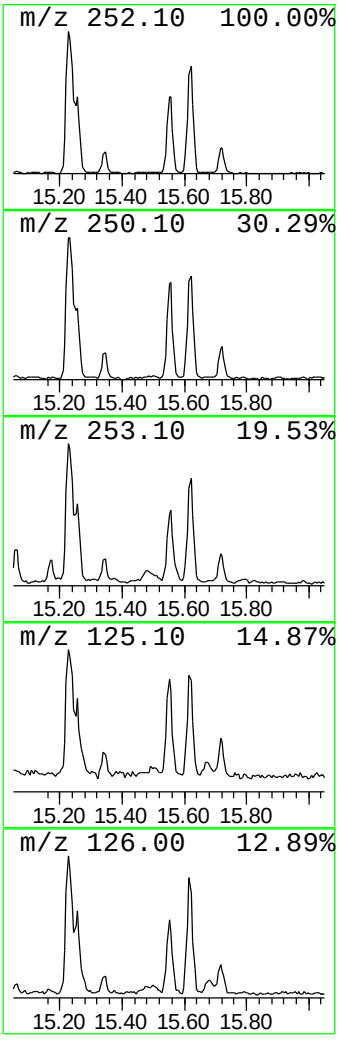
****

Peak Number 13 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	6.92 ng	303344	Perylene-d12	15.69

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	96
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110268.D
Acq On : 29 Oct 2018 18:10
Operator : JU/SJ
Sample : J5696-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DL-SED-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

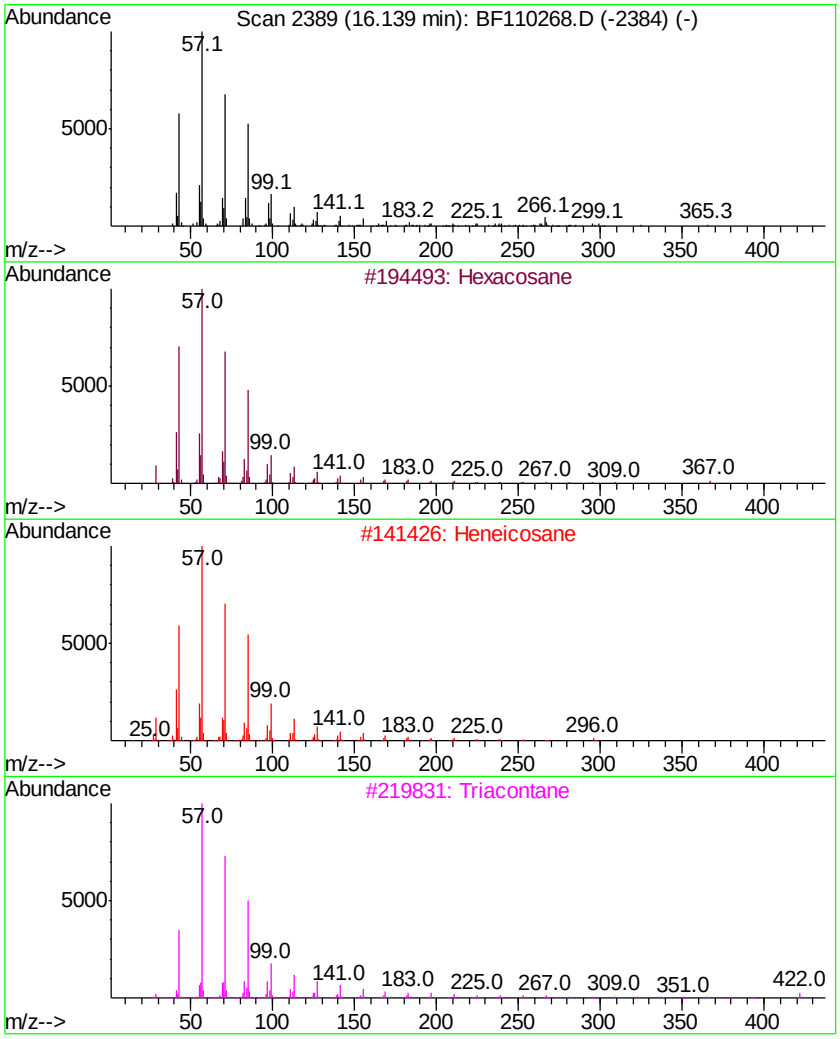
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

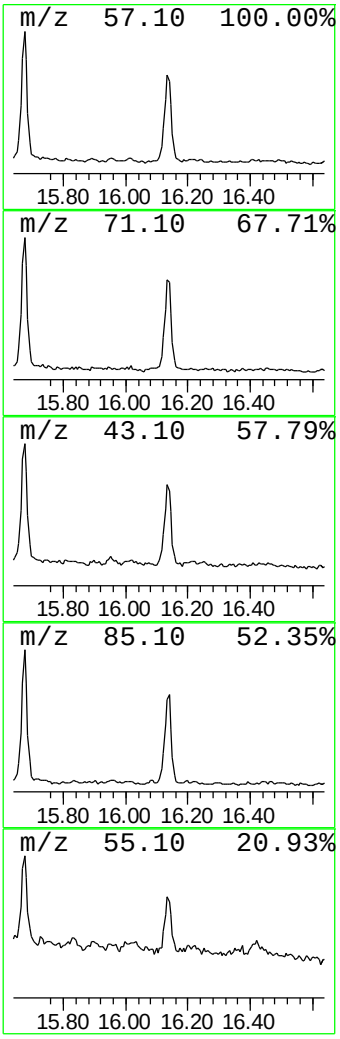
****

Peak Number 14 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	6.97 ng	305606	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Triacontane	422	C30H62	000638-68-6	87
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110268.D
Acq On : 29 Oct 2018 18:10
Operator : JU/SJ
Sample : J5696-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DL-SED-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

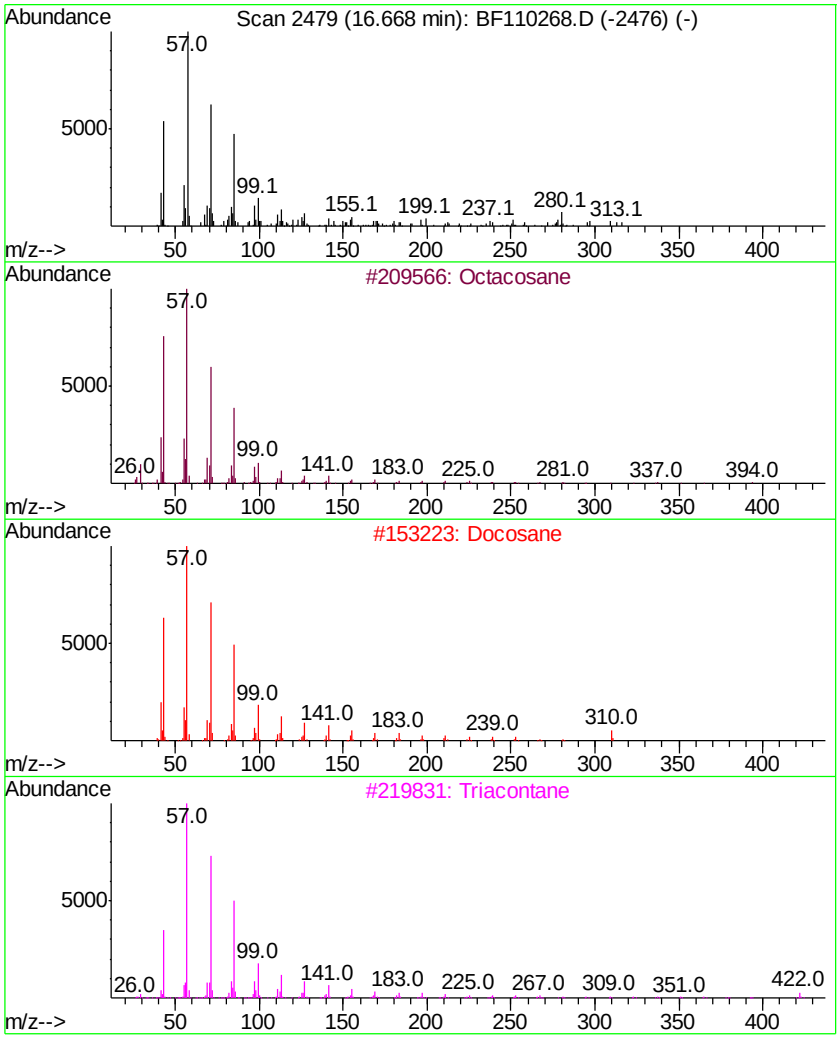
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

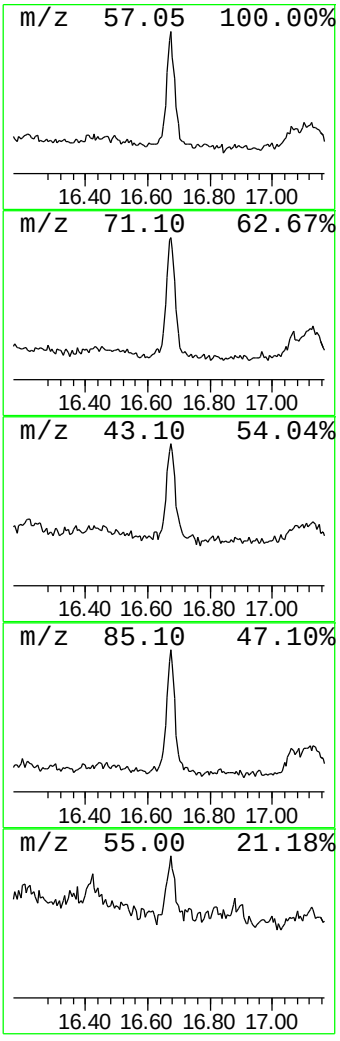
****

Peak Number 15 Octacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	4.04 ng	177194	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	83
2	Docosane	310	C22H46	000629-97-0	80
3	Triacontane	422	C30H62	000638-68-6	80
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102918\
Data File : BF110268.D
Acq On : 29 Oct 2018 18:10
Operator : JU/SJ
Sample : J5696-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DL-SED-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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...	2.32	14.3	ng	541920	1	6.97	760246	20.0
2-Pentanone, 4-hy...	5.22	3.6	ng	135780	1	6.97	760246	20.0
unknown6.74	6.74	73.6	ng	2796610	1	6.97	760246	20.0
n-Hexadecanoic acid	12.02	12.7	ng	567226	4	11.50	893225	20.0
4H-Cyclopenta[def...	12.12	3.2	ng	144101	4	11.50	893225	20.0
Octadecanoic acid	12.80	13.9	ng	620391	4	11.50	893225	20.0
11H-Benzo[b]fluorene	13.28	3.1	ng	172275	5	14.16	1100830	20.0
11H-Benzo[a]fluor...	13.79	2.8	ng	156128	5	14.16	1100830	20.0
Oxalic acid, cycl...	13.97	4.4	ng	240389	5	14.16	1100830	20.0
Tricosane	14.59	3.5	ng	193826	5	14.16	1100830	20.0
Heneicosane	14.92	6.0	ng	328809	5	14.16	1100830	20.0
Benzo[e]pyrene	15.55	6.9	ng	303344	6	15.69	877103	20.0
Hexacosane	16.14	7.0	ng	305606	6	15.69	877103	20.0
Octacosane	16.67	4.0	ng	177194	6	15.69	877103	20.0