LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110287.D
Acq On : 30 Oct 2018 2:42
Operator : JU/SJ
Sample : J5685-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DOCUMENTATION-26

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	2.293	29	35	49	rVB	252328	351549	15.51%	1.442%
2	5.204	526	530	537	rBV	66588	89865	3.97%	0.369%
3	5.592	592	596	614	rVB	2010094	1985796	87.63%	8.145%
4	6.598	761	767	780	rBV	1880817	2240618	98.87%	9.190%
5	6.739	787	791	794	rBV	2324766	2108858	93.06%	8.650%
6	6.792	797	800	804	rVB2	30607	28395	1.25%	0.116%
7	6.969	827	830	836	rBV	786634	677287	29.89%	2.778%
8	7.128	853	857	860	rBV	1961404	1651121	72.86%	6.772%
9	7.533	921	926	929	rBV	1433848	1296691	57.22%	5.319%
10	8.251	1045	1048	1051	rBV	847791	782985	34.55%	3.212%
11	8.275	1051	1052	1059	rVB	161426	117184	5.17%	0.481%
12	8.786	1136	1139	1142	rBV	34091	27329	1.21%	0.112%
13	9.327	1227	1231	1234	rBV	2732879	2266185	100.00%	9.295%
14	9.716	1294	1297	1305	rVB	384389	323150	14.26%	1.325%
15	9.874	1320	1324	1327	rBV2	35727	38134	1.68%	0.156%
16	10.016	1344	1348	1351	rBV	951575	829339	36.60%	3.402%
17	10.045	1351	1353	1357	rVB	90514	73590	3.25%	0.302%
18	10.169	1368	1374	1378	rBV5	31108	35105	1.55%	0.144%
19	10.216	1378	1382	1385	rBV2	34980	38775	1.71%	0.159%
20	10.422	1410	1417	1421	rBV4	33579	47292	2.09%	0.194%
21	10.563	1438	1441	1447	rVB	64773	63865	2.82%	0.262%
22	10.645	1450	1455	1458	rVV4	36775	39332	1.74%	0.161%
23	10.804	1478	1482	1487	rBV	1200108	1148577	50.68%	4.711%
24	10.910	1495	1500	1508	rVB2	60376	103128	4.55%	0.423%
25	11.116	1532	1535	1538	rBV4	37333	37471	1.65%	0.154%
26	11.233	1550	1555	1558	rBV5	16014	27710	1.22%	0.114%
27	11.310	1565	1568	1572	rBV2	25319	29260	1.29%	0.120%
28	11.345	1572	1574	1577	rBV	28693	31728	1.40%	0.130%
29	11.380	1577	1580	1582	rVB2	36319	36965	1.63%	0.152%
30	11.510	1598	1602	1604	rBV	859492	806510	35.59%	3.308%
31	11.533	1604	1606	1610	rVV	543586	444948	19.63%	1.825%
32	11.580	1610	1614	1618	rVV	132194	154954	6.84%	0.636%
33	11.621	1618	1621	1625	rVB	26948	34263	1.51%	0.141%
34	11.739	1636	1641	1645	rBV2	60779	77138	3.40%	0.316%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
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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	11.968	1677	1680	1684	rBV5	15789	28334	1.25%	0.116%
36	12.010	1684	1687	1689	rVV	100676	79941	3.53%	0.328%
37	12.039	1689	1692	1696	rVB	76092	72931	3.22%	0.299%
38	12.086	1697	1700	1703	rBV2	40244	39968	1.76%	0.164%
39	12.121	1703	1706	1709	rBV	86737	93624	4.13%	0.384%
40	12.186	1714	1717	1719	rBV2	32588	31650	1.40%	0.130%
41	12.304	1735	1737	1740	rVB	47791	36372	1.60%	0.149%
42	12.333	1740	1742	1745	rBV	29510	28372	1.25%	0.116%
43	12.557	1778	1780	1782	rBV	29053	28148	1.24%	0.115%
44	12.651	1793	1796	1799	rBV2	36422	44747	1.97%	0.184%
45	12.727	1805	1809	1812	rBV	723392	621038	27.40%	2.547%
46	12.892	1835	1837	1841	rVB3	52498	55271	2.44%	0.227%
47	12.957	1841	1848	1853	rBV	575700	676737	29.86%	2.776%
48	13.004	1853	1856	1862	rVB2	31517	41736	1.84%	0.171%
49	13.092	1866	1871	1874	rVV	1853567	1658832	73.20%	6.804%
50	13.115	1874	1875	1878	rVB	40359	26235	1.16%	0.108%
51	13.168	1881	1884	1888	rBV2	38059	57010	2.52%	0.234%
52	13.262	1896	1900	1901	rBV3	37416	52000	2.29%	0.213%
53	13.286	1901	1904	1906	rVV	80155	76098	3.36%	0.312%
54	13.351	1912	1915	1917	rBV	76145	67895	3.00%	0.278%
55	13.386	1917	1921	1924	rBV2	51317	70626	3.12%	0.290%
56	13.480	1935	1937	1940	rBV	31574	35107	1.55%	0.144%
57	13.933	2012	2014	2016	rBV	39983	35657	1.57%	0.146%
58	13.974	2018	2021	2024	rVV2	126644	114578	5.06%	0.470%
59	14.157	2047	2052	2055	rBV2	724546	879830	38.82%	3.609%
60	14.186	2055	2057	2061	rVB	231866	200731	8.86%	0.823%
61	14.262	2068	2070	2073	rBV	61028	54430	2.40%	0.223%
62	15.233	2232	2235	2239	rBV	192810	301754	13.32%	1.238%
63	15.562	2288	2291	2295	rVB	103383	127096	5.61%	0.521%
64	15.627	2298	2302	2307	rBV	169698	216561	9.56%	0.888%
65	15.692	2308	2313	2317	rBV	336344	482193	21.28%	1.978%

Sum of corrected areas: 24380599

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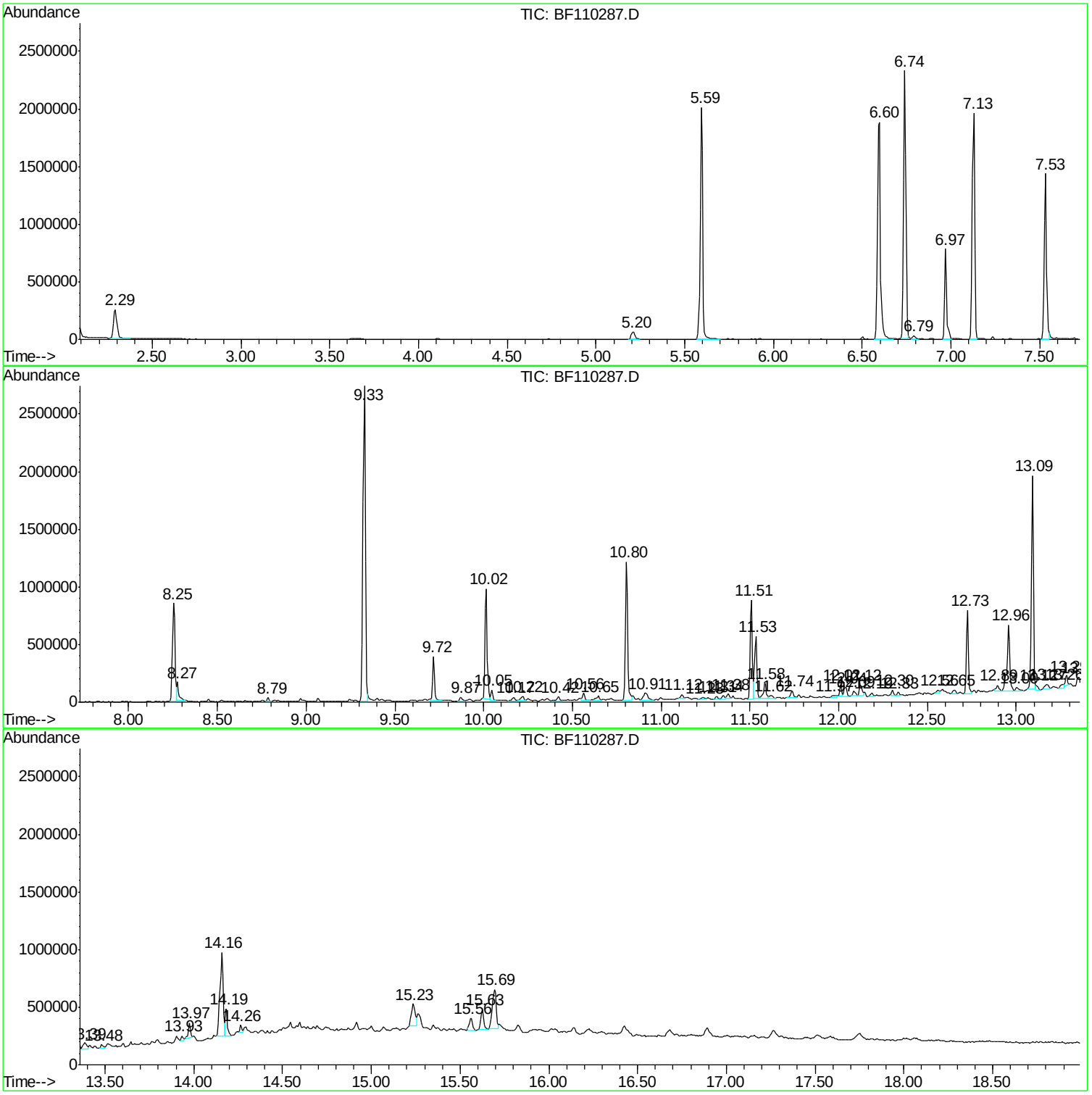
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-26

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

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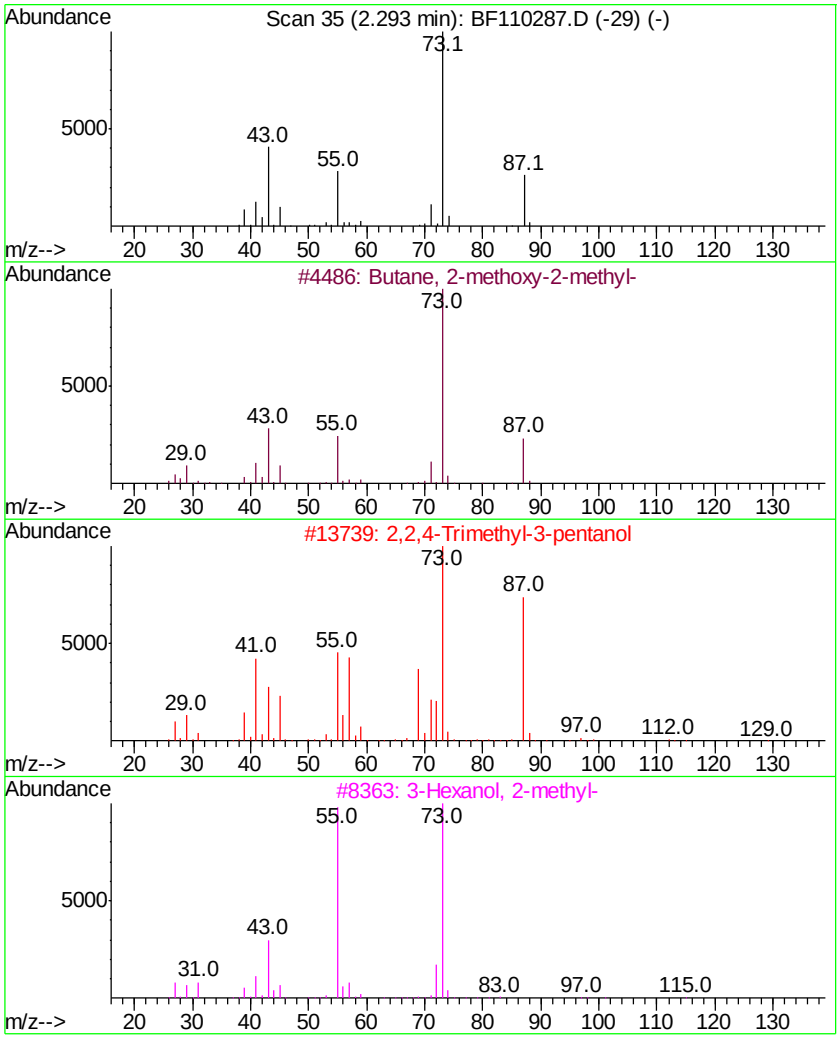
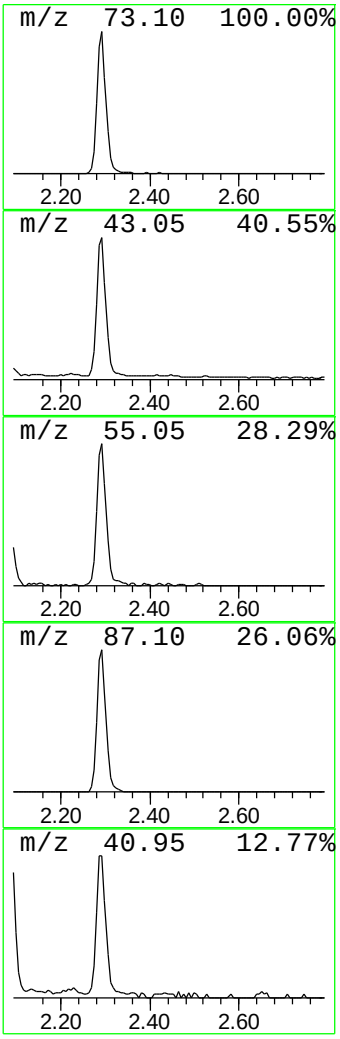
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.29	10.38 ng	351549	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-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	25
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12





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Sample : J5685-02
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Instrument : BNA_F
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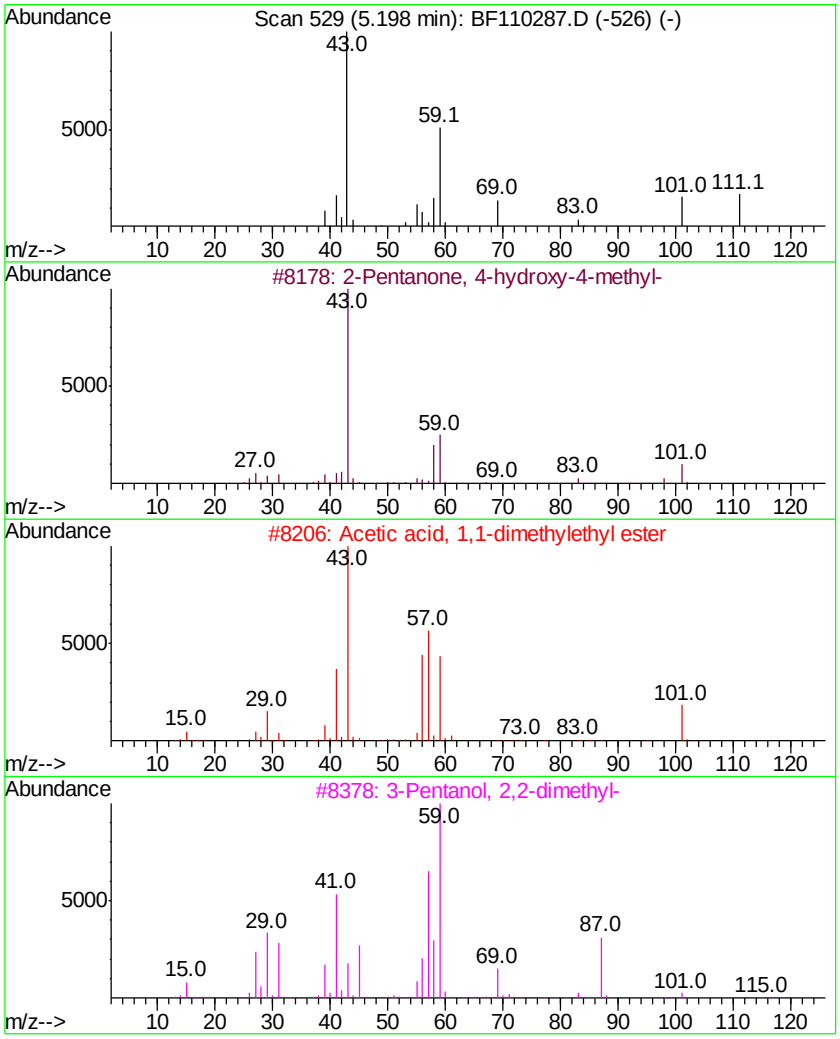
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

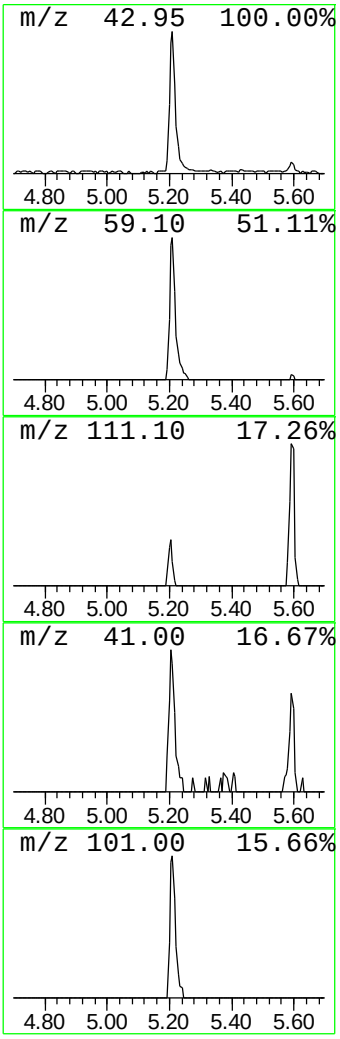
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	2.65 ng	89865	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	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	33
3	3-Pentanol, 2,2-dimethyl-	116	C7H16O	003970-62-5	23
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	16





Library Search Compound Report

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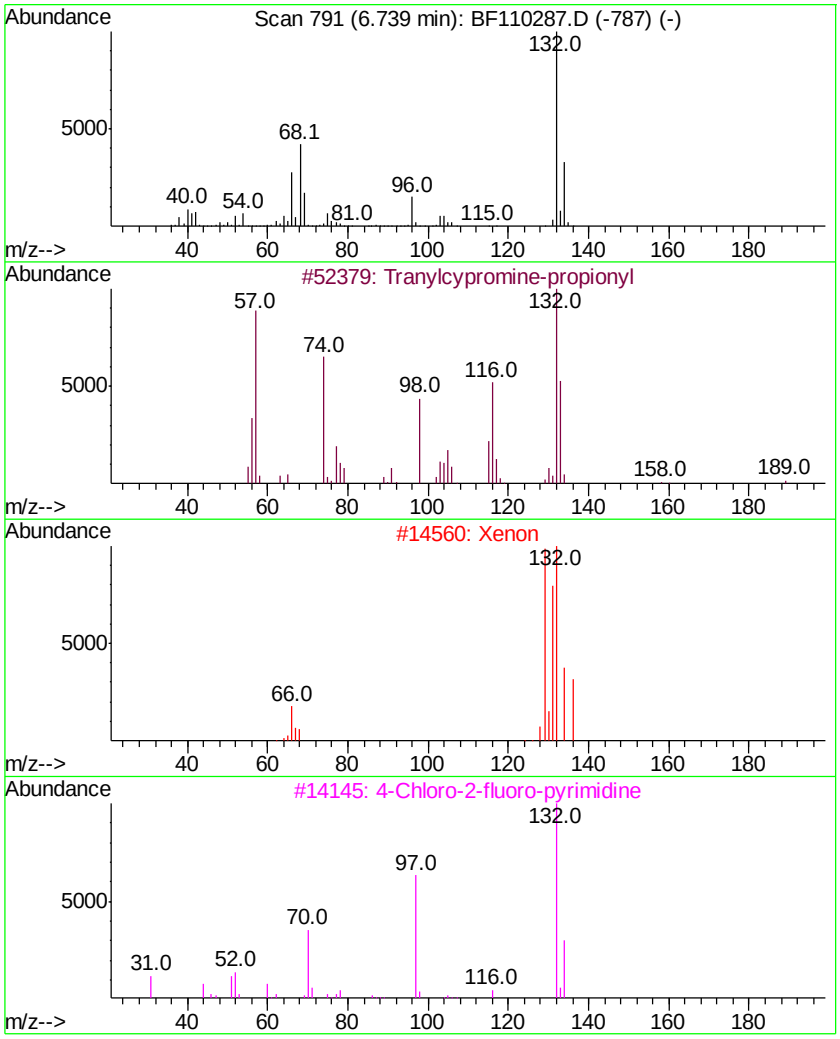
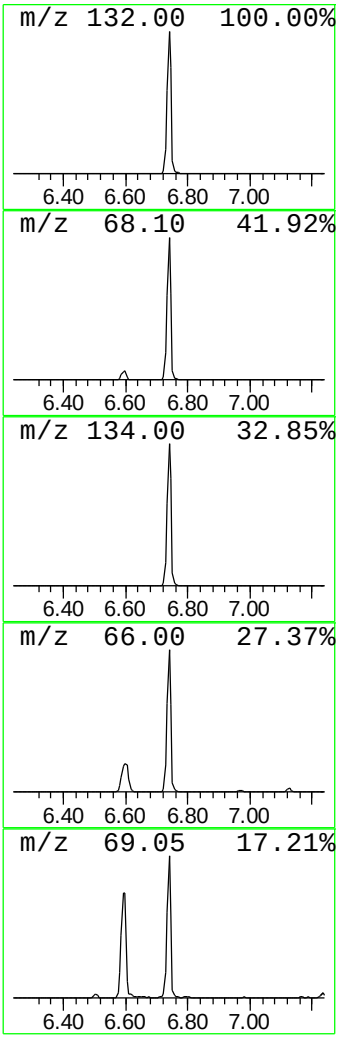
****

Peak Number 3 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	62.27 ng	2108860	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
2	Xenon	132	Xe	007440-63-3	9
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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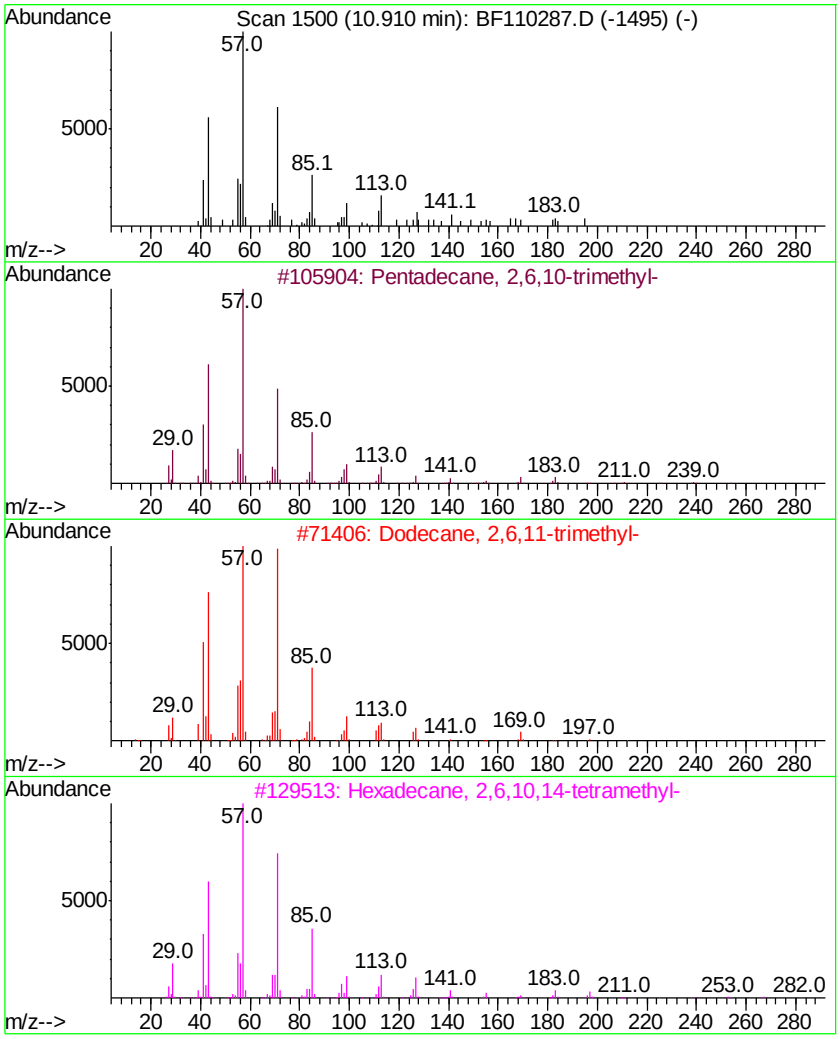
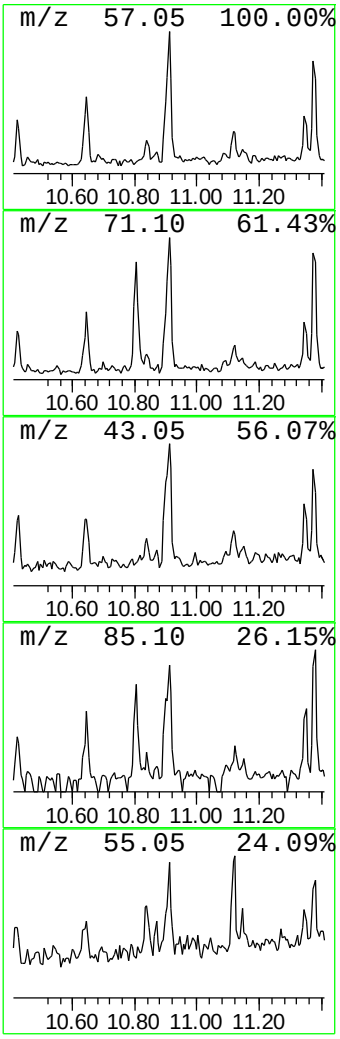
****

Peak Number 5 Pentadecane, 2,6,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	2.56 ng	103128	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
4	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	64
5	Tetratetracontane	619	C44H90	007098-22-8	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

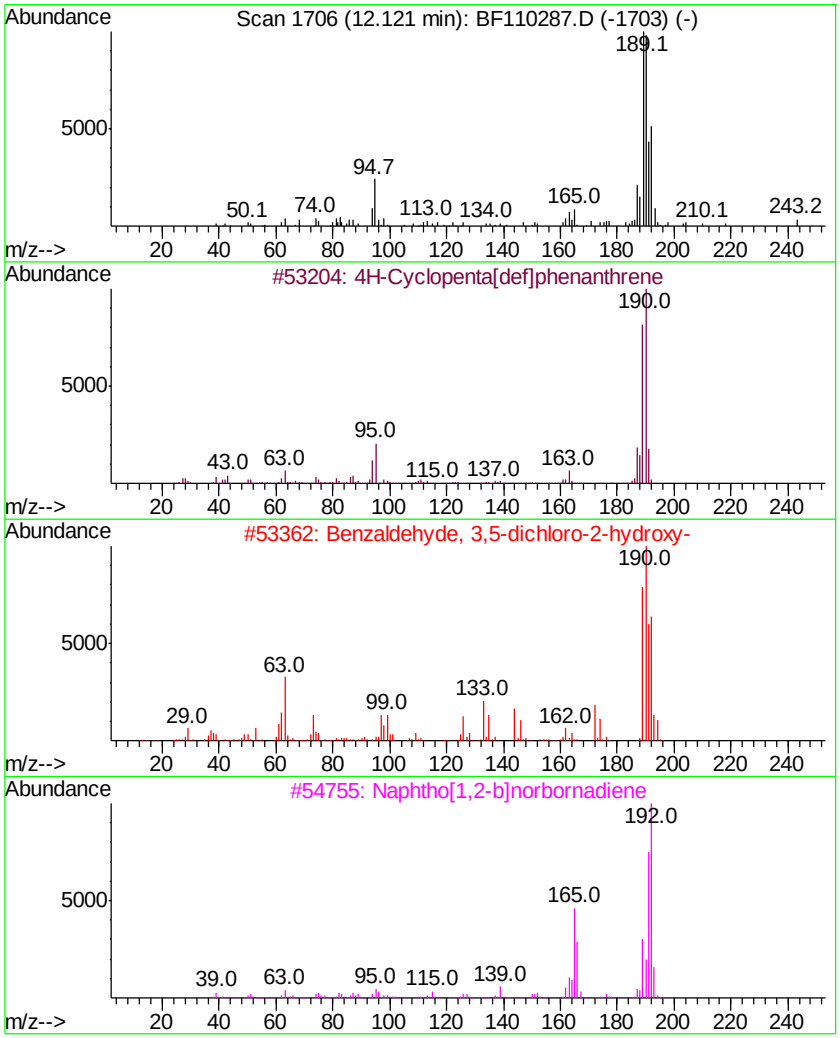
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

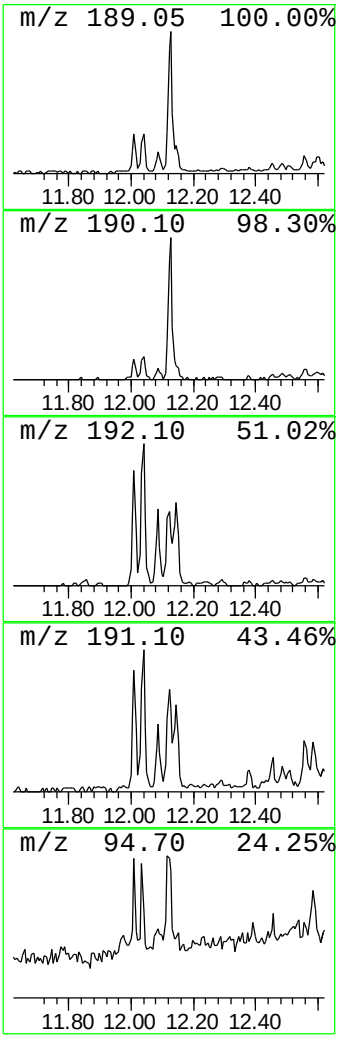
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	2.32 ng	93624	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
3	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	38
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	20
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18





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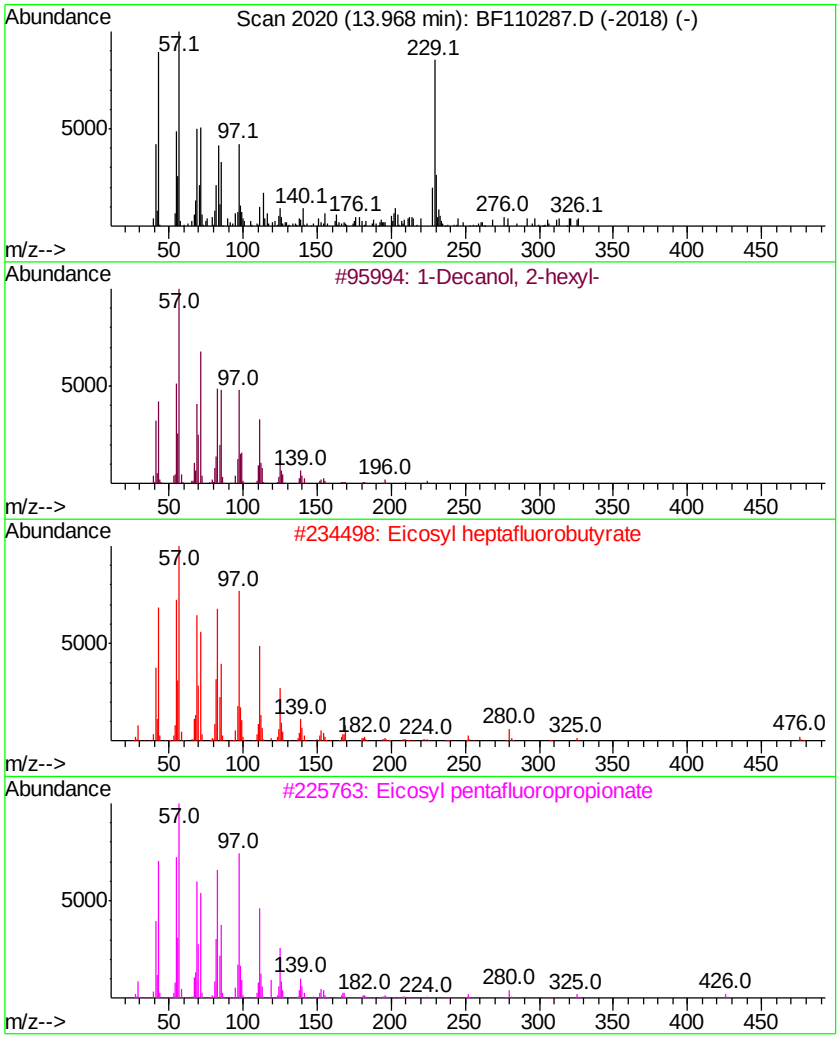
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

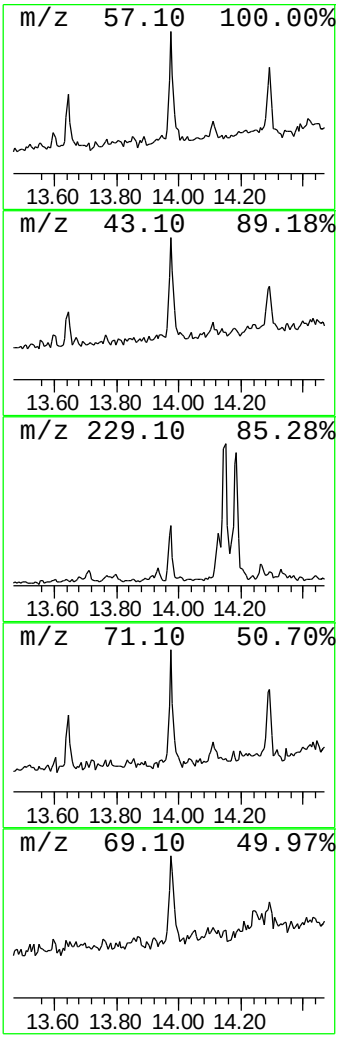
****

Peak Number 7 1-Decanol, 2-hexyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	2.60 ng	114578	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	62
2	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	62
3	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	58
4	Octatriacontyl trifluoroacetate	647	C40H77F3O2	1000351-88-7	58
5	Docosyl heptafluorobutyrate	522	C26H45F7O2	1000351-83-1	58





Library Search Compound Report

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

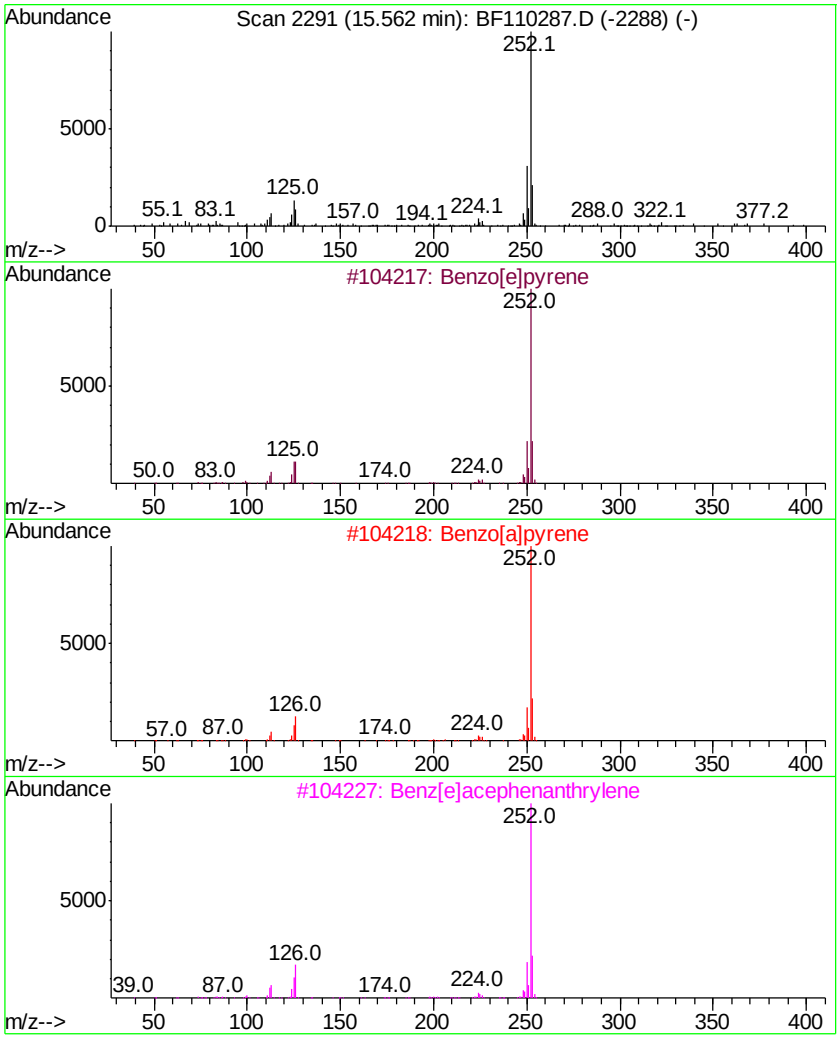
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

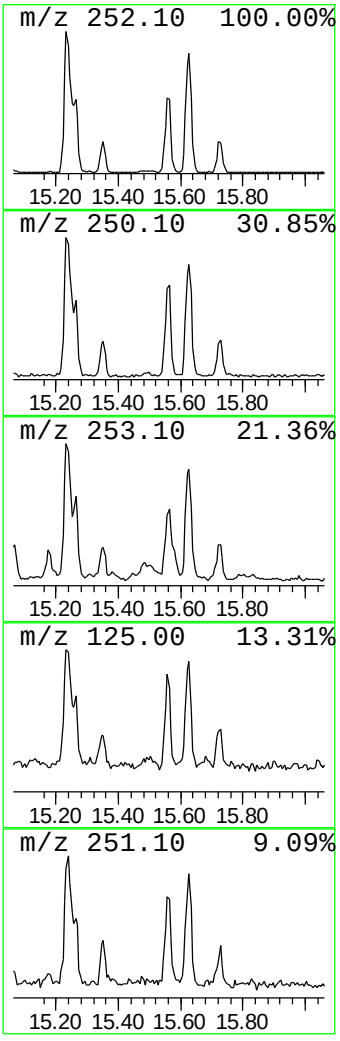
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	5.27 ng	127096	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
5	Perylene	252	C20H12	000198-55-0	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102918\
Data File : BF110287.D
Acq On : 30 Oct 2018 2:42
Operator : JU/SJ
Sample : J5685-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DOCUMENTATION-26

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...	2.29	10.4	ng	351549	1	6.97	677287	20.0
2-Pentanone, 4-hy...	5.20	2.6	ng	89865	1	6.97	677287	20.0
unknown6.74	6.74	62.3	ng	2108860	1	6.97	677287	20.0
Pentadecane, 2,6,...	10.91	2.6	ng	103128	4	11.51	806510	20.0
4H-Cyclopenta[def...	12.12	2.3	ng	93624	4	11.51	806510	20.0
1-Decanol, 2-hexyl-	13.97	2.6	ng	114578	5	14.16	879830	20.0
Benzo[e]pyrene	15.56	5.3	ng	127096	6	15.69	482193	20.0