LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
Data File : BF113998.D
Acq On : 26 Apr 2019 00:24
Operator : JU/SJ
Sample : K2203-17 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-042419-A

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-BF042219.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	5.510	578	582	600	rBV	355018	380799	29.56%	2.849%
2	6.510	749	752	772	rBV	419318	426753	33.13%	3.193%
3	6.663	774	778	788	rBV	501783	452419	35.12%	3.385%
4	6.892	814	817	827	rBV	694335	624294	48.47%	4.671%
5	7.051	840	844	852	rBV	430251	354396	27.51%	2.652%
6	7.451	908	912	918	rBV	248479	257507	19.99%	1.927%
7	8.175	1032	1035	1052	rBV	895673	872391	67.73%	6.527%
8	9.251	1214	1218	1230	rBV	565223	544766	42.29%	4.076%
9	9.639	1282	1284	1291	rVB	45419	52227	4.05%	0.391%
10	9.792	1307	1310	1317	rVB	19853	17603	1.37%	0.132%
11	9.933	1330	1334	1338	rBV	1164592	1074318	83.40%	8.038%
12	10.480	1424	1427	1433	rVB	26649	26858	2.09%	0.201%
13	10.716	1463	1467	1480	rBV	378133	395847	30.73%	2.962%
14	10.845	1484	1489	1493	rBV4	9485	14033	1.09%	0.105%
15	11.280	1557	1563	1566	rBV5	8921	18658	1.45%	0.140%
16	11.310	1566	1568	1576	rVB2	16174	18111	1.41%	0.136%
17	11.416	1582	1586	1588	rBV	1431045	1229763	95.47%	9.201%
18	11.439	1588	1590	1596	rVV	322150	284789	22.11%	2.131%
19	11.492	1596	1599	1602	rVB	73196	67256	5.22%	0.503%
20	11.645	1620	1625	1627	rBV	14306	17636	1.37%	0.132%
21	11.916	1668	1671	1673	rBV	42111	41916	3.25%	0.314%
22	11.945	1673	1676	1681	rVV2	80160	94231	7.32%	0.705%
23	11.992	1681	1684	1687	rVV	23489	23831	1.85%	0.178%
24	12.027	1687	1690	1693	rVV	81667	92091	7.15%	0.689%
25	12.051	1693	1694	1698	rVB	34334	22705	1.76%	0.170%
26	12.210	1719	1721	1723	rBV	28814	24889	1.93%	0.186%
27	12.233	1723	1725	1730	rVB3	23176	24037	1.87%	0.180%
28	12.469	1760	1765	1767	rBV	35447	40147	3.12%	0.300%
29	12.504	1767	1771	1776	rVB3	34440	47117	3.66%	0.353%
30	12.551	1776	1779	1783	rBV2	27339	30944	2.40%	0.232%
31	12.627	1788	1792	1797	rBV	530797	480592	37.31%	3.596%
32	12.721	1805	1808	1811	rBV2	28145	26767	2.08%	0.200%
33	12.857	1825	1831	1836	rBV	419001	486091	37.74%	3.637%
34	12.916	1836	1841	1844	rVB2	19500	31281	2.43%	0.234%

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Integration Parameters: rteint.p
Integrator: RTE
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Sampling : 1 Min Area: 3 % of largest Peak
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.992	1851	1854	1863	rVB	769111	704482	54.69%	5.271%
36	13.074	1863	1868	1871	rBV3	33059	58050	4.51%	0.434%
37	13.157	1880	1882	1884	rBV2	25394	27255	2.12%	0.204%
38	13.180	1884	1886	1890	rVB	69144	67764	5.26%	0.507%
39	13.233	1892	1895	1896	rBV	19142	20713	1.61%	0.155%
40	13.251	1896	1898	1900	rVB	46396	35961	2.79%	0.269%
41	13.286	1900	1904	1907	rBV2	49514	52827	4.10%	0.395%
42	13.380	1917	1920	1923	rBV	20414	18730	1.45%	0.140%
43	13.410	1923	1925	1929	rBV2	24892	23405	1.82%	0.175%
44	13.568	1950	1952	1956	rBV2	22577	29710	2.31%	0.222%
45	13.686	1970	1972	1978	rVB	30129	36187	2.81%	0.271%
46	13.798	1988	1991	1994	rBV3	28724	39214	3.04%	0.293%
47	13.827	1994	1996	1998	rVV	32236	29252	2.27%	0.219%
48	13.851	1998	2000	2004	rVV2	27362	40275	3.13%	0.301%
49	13.898	2005	2008	2012	rVB2	52537	60052	4.66%	0.449%
50	14.051	2029	2034	2037	rBV2	1169308	1288108	100.00%	9.638%
51	14.074	2037	2038	2042	rVB	160553	127531	9.90%	0.954%
52	14.163	2050	2053	2055	rBV	24190	20877	1.62%	0.156%
53	14.221	2060	2063	2065	rVV2	36570	35667	2.77%	0.267%
54	14.274	2069	2072	2075	rBV2	18666	25379	1.97%	0.190%
55	14.527	2113	2115	2120	rVB3	42587	49737	3.86%	0.372%
56	14.839	2166	2168	2172	rVB	50339	46381	3.60%	0.347%
57	15.104	2209	2213	2216	rBV	160619	231729	17.99%	1.734%
58	15.186	2224	2227	2230	rBV	60355	62652	4.86%	0.469%
59	15.409	2262	2265	2272	rVB	94683	125315	9.73%	0.938%
60	15.474	2272	2276	2282	rVB	133112	172347	13.38%	1.289%
61	15.545	2282	2288	2291	rBV	786164	1056648	82.03%	7.906%
62	16.021	2365	2369	2375	rBV	45184	71240	5.53%	0.533%
63	17.027	2535	2540	2550	rVB2	67097	152655	11.85%	1.142%
64	17.856	2676	2681	2686	rBV9	23723	58331	4.53%	0.436%

Sum of corrected areas: 13365537

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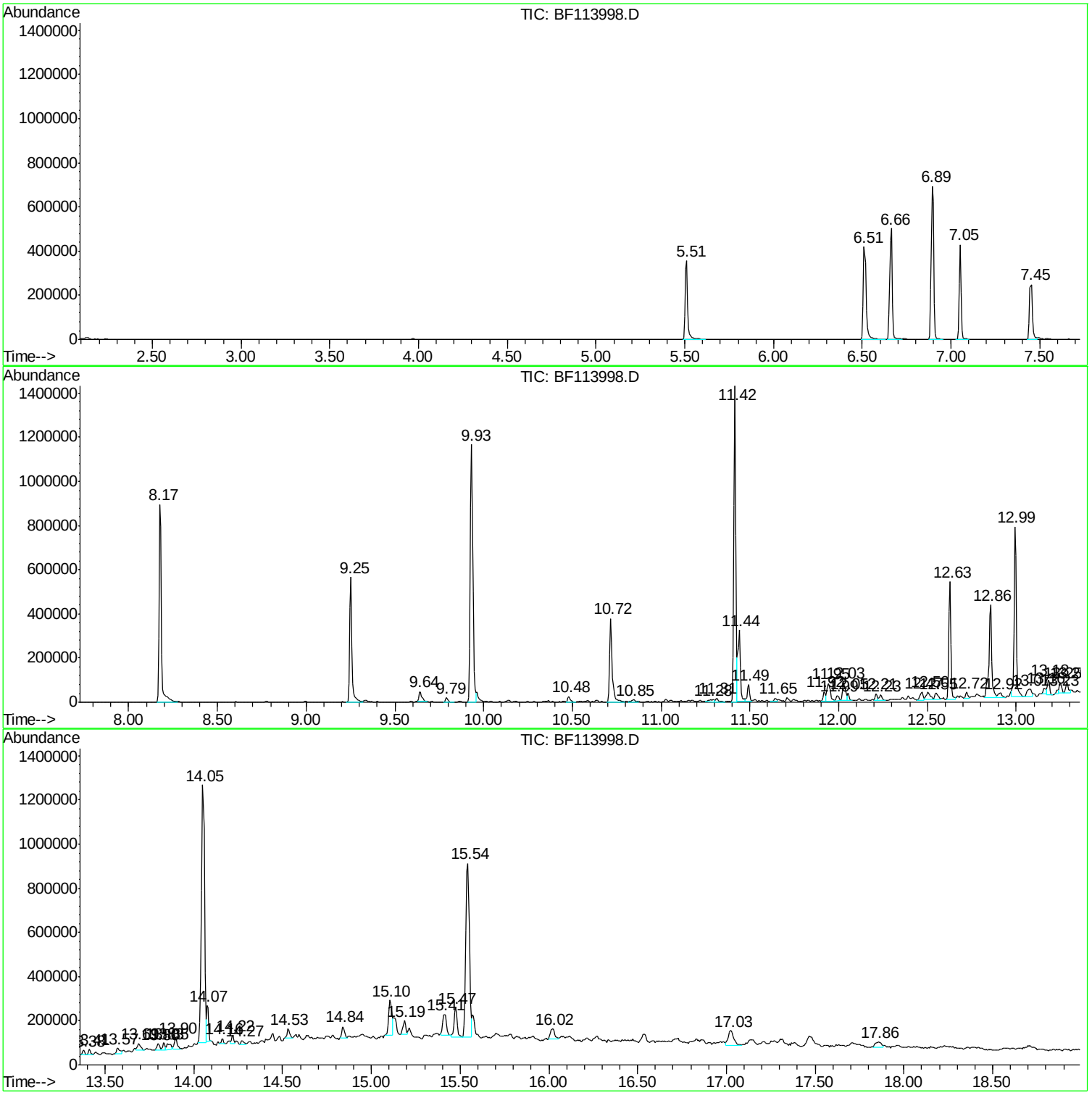
BNA_F
ClientSampleId :
SU-03-042419-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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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Operator : JU/SJ
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Misc :
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
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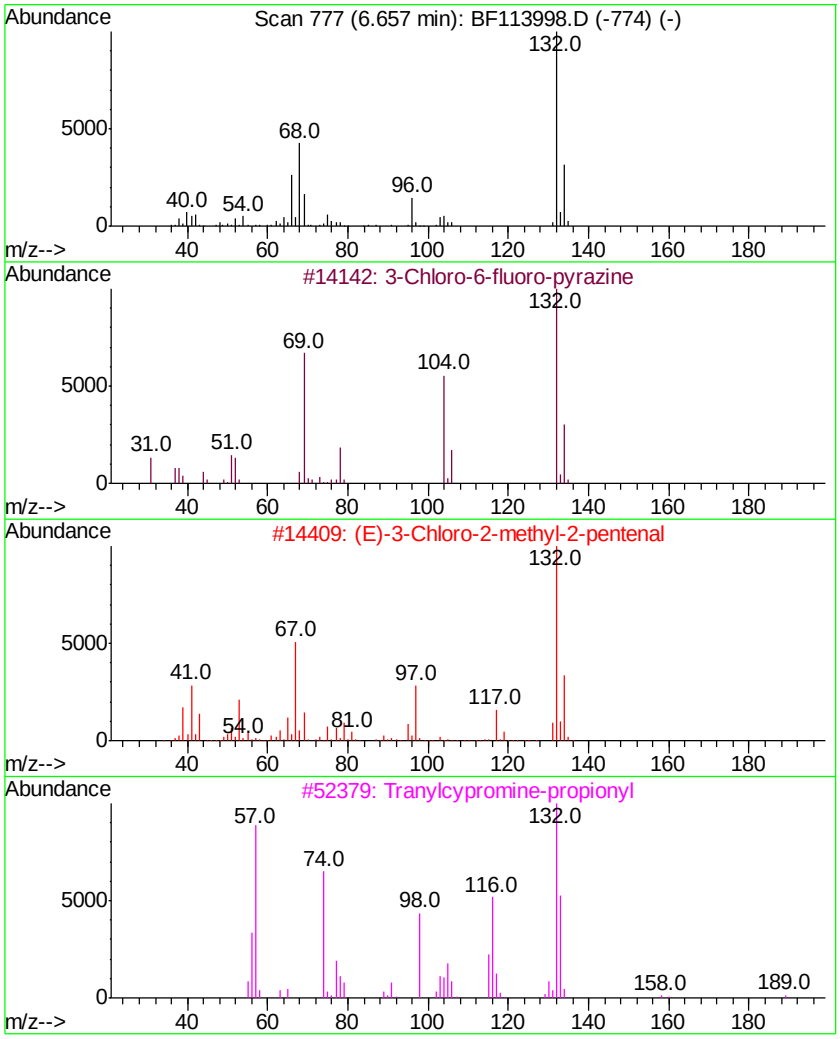
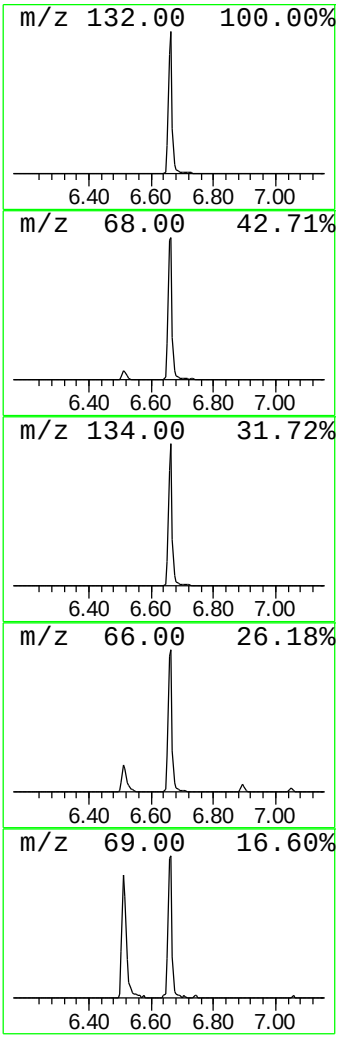
****

Peak Number 1 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	14.49 ng	452419	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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Instrument : BNA_F
ClientSampleId : SU-03-042419-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

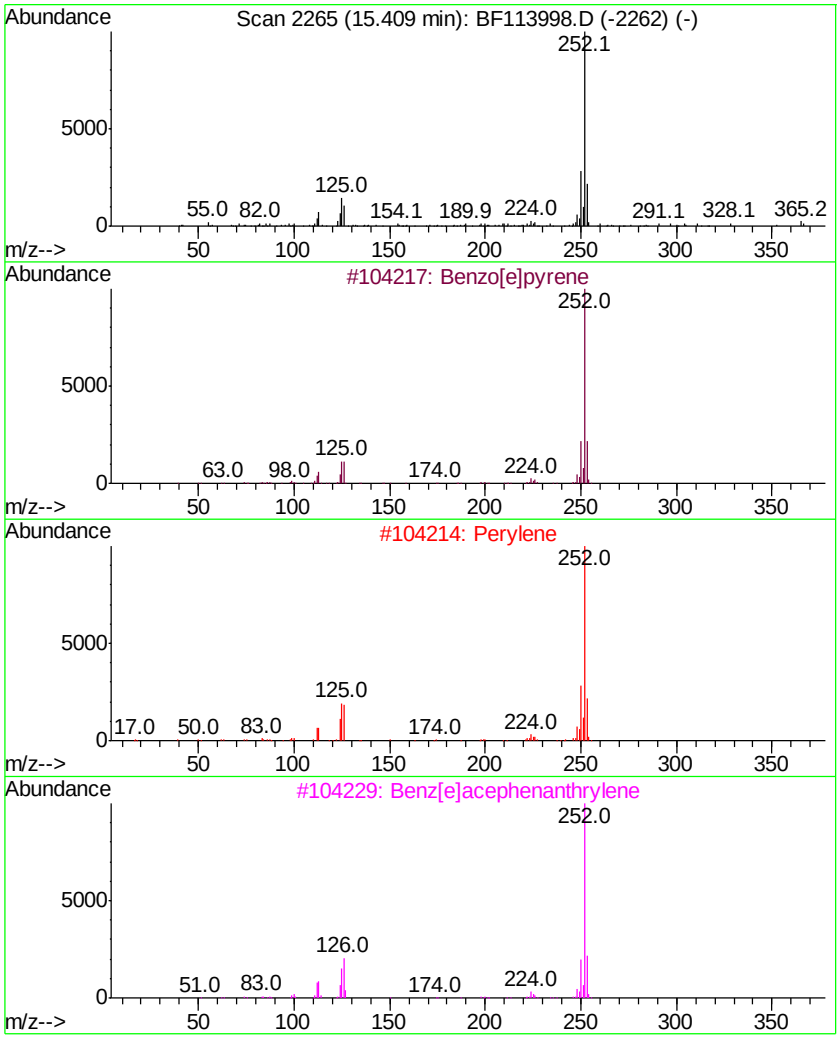
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

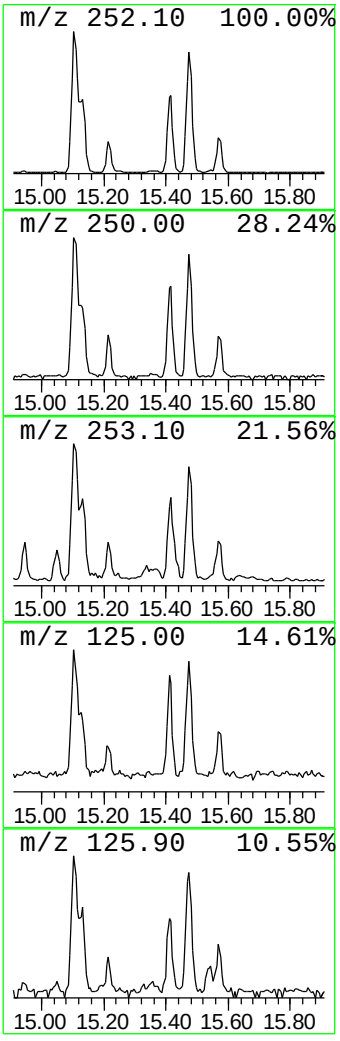
****

Peak Number 3 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	2.37 ng	125315	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_F
ClientSampleId : SU-03-042419-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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
unknown6.66	6.66	14.5	ng	452419	1	6.89	624294	20.0
Benzo[e]pyrene	15.41	2.4	ng	125315	6	15.54	1056650	20.0